

应用表面与胶体化学教育部重点实验室2020年度发表的科研论文

序号	文章题目	期刊名称	年, 期(卷), 页或论文号	作者	分区
1	Electrochemical Delamination of Ultralarge Few-Layer Black Phosphorus with a Hydrogen-Free Intercalation Mechanism	Advanced Materials	2020, 2005815	Wang, Ning; Mao, Nannan; Wang, Zhien; Yang, Xue; Zhou, Xi; Liu, Haining; Qiao, Shanlin; Lei, Xingfeng; Wang, Junru; Xu, Hua ; Ling, Xi; Zhang, Qiuyu; Feng, Qingliang; Kong, Jing	SCI(E) 一区
2	High-Pressure Nitrogen-Extraction and Effective Passivation to Attain Highest Large-Area Perovskite Solar Module Efficiency	Advanced Materials	2020, 32, 2004979	Du, Minyong; <i>Zhu, Xuejie</i> ; Wang, Likun; Wang, Hui; Feng, Jiangshang; Jiang, Xiao; Cao, Yuexian; Sun, Youming; Duan, Lianjie; Jiao, Yuxiao; Wang, Kai; Ren, Xiaodong; Yan, Zhe; Pang, Shuping; Liu, Shengzhong (Frank)	SCI(E) 一区
3	Metal-Free Halide Perovskite Single Crystals with Very Long Charge Lifetimes for Efficient X-Ray Imaging	Advanced Materials	2020, 32(42), 2003353	<i>Song, Xin</i> ; Cui, Qingyue; <i>Liu, Yucheng</i> ; Xu, Zhuo; Cohen, Hagai; <i>Ma, Chuang</i> ; <i>Fan, Yuanyuan</i> ; <i>Zhang, Yunxia</i> ; Ye, Haochen; Peng, Zhanhui; Li, Ruipeng; Chen, Yonghua; Wang, Jianpu; Sun, Huaming; Yang, Zhou; Liu, Zhike ; Yang, Zupei; Huang, Wei; Hodes, Gary; Liu, Shengzhong (Frank); Zhao, Kui	SCI(E) 一区
4	Printable CsPbI ₃ Perovskite Solar Cells with Pce of 19% via an Additive Strategy	Advanced Materials	2020, 32(40), 2001243	<i>Chang, Xiaoming; Fang, Junjie; Fan, Yuanyuan; Luo, Tao; Su, Hang; Zhang, Yalan; Lu, Jing</i> ; Tsetseris, Leonidas; Anthopoulos, Thomas D.; Liu, Shengzhong (Frank); Zhao, Kui	SCI(E) 一区
5	Controlling Enamel Remineralization by Amyloid-Like Amelogenin Mimics	Advanced Materials	2020, 32, 2002080	<i>Wang, Dong; Deng, Jingjing</i> ; Deng, Xuliang; Fang, Changqing; Zhang, Xu; Yang, Peng	SCI(E) 一区
6	Amyloid-Like Protein Aggregates: A New Class of Bioinspired Materials Merging an Interfacial Anchor with Antifouling	Advanced Materials	2020, 32, 2000128	<i>Hu, Xinyi; Tian, Juanhua; Li, Chen; Su, Hao; Qin, Rongrong</i> ; Wang, Yifan; Cao, Xin; Yang, Peng	SCI(E) 一区
7	Breaking Platinum Nanoparticles to Single-Atomic Pt-C ₄ Co-catalysts for Enhanced Solar-to-Hydrogen Conversion	Angewandte Chemie-International Edition	DOI: 10.1002/anie.202013206	Yan, Junqing ; Ji, Yujin; Batmunkh, Munkhbayar; An, Pengfei; Zhang, Jing; Fu, Yang; Jia, Baohua; Li, Youyong; Liu, Shengzhong ; Ye, Jinhua; Ma, Tianyi	SCI(E) 一区
8	Ultrastable Perovskite-Zeolite Composite Enabled by Encapsulation and In Situ Passivation	Angewandte Chemie-International Edition	DOI: 10.1002/anie.202011203	<i>Wang, Peijun</i> ; Wang, Bolun; <i>Liu, Yucheng</i> ; Li, Lin; Zhao, Hua; Chen, Yonghua; Li, Jiyang; Liu, Shengzhong (Frank); Zhao, Kui	SCI(E) 一区

9	Anti-Markovnikov Hydroamination of Racemic Allylic Alcohols to Access Chiral Gamma-Amino Alcohols	Angewandte Chemie-International Edition	2020, 59(49), 21959-21964	<i>Xu, Ruirui; Wang, Kun; Liu, Haoying; Tang, Weijun; Sun, Huaming;</i> Xue, Dong; Xiao, Jianliang; Wang, Chao	SCI(E) — <input checked="" type="checkbox"/>
10	Tuning Chain Relaxation From an Amorphous Biopolymer Film to Crystals by Removing Air/Water Interface Limitations	Angewandte Chemie-International Edition	2020, 59(45), 20192-20200	<i>Han, Qian; Tao, Fei; Xu, Yan; Su, Hao; Yang, Facui; Koerstgens, Volker; Mueller-Buschbaum, Peter;</i> Yang, Peng	SCI(E) — <input checked="" type="checkbox"/>
11	Water-Soluble Polymers with Appending Porphyrins as Bioinspired Catalysts for the Hydrogen Evolution Reaction	Angewandte Chemie-International Edition	2020, 59(37), 15844-15848	<i>Xie, Lisi; Tian, Jia; Ouyang, Yingjie; Guo, Xinai; Zhang, Weian;</i> Apfel, Ulf-Peter; Zhang, Wei; Cao, Rui	SCI(E) — <input checked="" type="checkbox"/>
12	Homolytic Versus Heterolytic Hydrogen Evolution Reaction Steered by a Steric Effect	Angewandte Chemie-International Edition	2020, 59(23), 8941-8946	<i>Guo, Xiaojun; Wang, Ni; Li, Xialiang; Zhang, Zongyao; Zhao, Jianping; Ren, Wanjie; Ding, Shuping; Xu, Gelun; Li, Jianfeng; Apfel, Ulf-Peter;</i> Zhang, Wei; Cao, Rui	SCI(E) — <input checked="" type="checkbox"/>
13	Light-Promoted Nickel Catalysis: Etherification of Aryl Electrophiles with Alcohols Catalyzed by a Ni ^{II} -Aryl Complex	Angewandte Chemie-International Edition	2020, 59(31), 12714-12719	<i>Yang, Liu; Lu, Huan-Huan; Lai, Chu-Hui; Li, Gang; Zhang, Wei;</i> Cao, Rui; Liu, Fengyi; Wang, Chao; Xiao, Jianliang; Xue, Dong	SCI(E) — <input checked="" type="checkbox"/>
14	Asymmetric Guerbet Reaction to Access Chiral Alcohols	Angewandte Chemie-International Edition	2020, 59, 11408 – 11415	<i>Wang, Kun; Zhang, Lin; Tang, Weijun; Sun, Huaming;</i> Xue, Dong; Lei, Ming; Xiao, Jianliang; Wang, Chao	SCI(E) — <input checked="" type="checkbox"/>
15	Reducing Detrimental Defects for High-Performance Metal Halide Perovskite Solar Cells	Angewandte Chemie-International Edition	2020, 59(17), 6676-6698	Ono, Luis K.; Liu, Shengzhong (Frank); Qi, Yabing	SCI(E) — <input checked="" type="checkbox"/>
16	Autologous Cobalt Phosphates with Modulated Coordination Sites for Electrocatalytic Water Oxidation	Angewandte Chemie-International Edition	2020, 59(23), 8917-8921	<i>Qi, Jing; Lin, Yang-Peng; Chen, Dandan; Zhou, Tianhua;</i> Zhang, Wei; Cao, Rui	SCI(E) — <input checked="" type="checkbox"/>

17	Divergent Biomimetic Total Syntheses of Ganocins A-C, Ganocochlearins C and D, and Cochlearol T	Angewandte Chemie-International Edition	2020, 59(19), 7419-7424	Shao, Hui; <i>Gao, Xiaonan; Wang, Zhong-Tian</i> ; Gao, Ziwei; Zhao, Yu-Ming	SCI(E) — <input checked="" type="checkbox"/>
18	Perylene Bisimide and Naphthyl-Based Molecular Dyads: Hydrogen Bonds Driving Coplanarization and Anomalous Temperature-Response Fluorescence	Angewandte Chemie-International Edition	2020, 59(22), 8579-8585	<i>Shang, Congdi; Wang, Gang; Liu, Ke; Jiang, Qingwei</i> ; Liu, Fengyi; Chou, Pi-Tai; Fang, Yu	SCI(E) — <input checked="" type="checkbox"/>
19	Highly Efficient Cyclic Dinucleotide Based Artificial Metalloribozymes for Enantioselective Friedel-Crafts Reactions in Water	Angewandte Chemie-International Edition	2020, 59(9), 3444-3449	Wang, Changhao; Hao, Min; Qi, Qianqian ; Dang, Jingshuang; <i>Dong, Xingchen; Lv, Shuting; Xiong, Ling; Gao, Huanhuan</i> ; Jia, Guoqing; Chen, Yashao ; Hartig, Joerg S.; Li, Can	SCI(E) — <input checked="" type="checkbox"/>
20	The Synthesis of a 2D Ultra-Large Protein Supramolecular Nanofilm by Chemoselective Thiol-Disulfide Exchange and its Emergent Functions	Angewandte Chemie-International Edition	2020, 59(7), 2850-2859	<i>Xu, Yan; Liu, Yongchun; Hu, Xinyi; Qin, Rongrong; Su, Hao; Li, Juling</i> ; Yang, Peng	SCI(E) — <input checked="" type="checkbox"/>
21	Rhodium(III)-Catalyzed Enantio- and Diastereoselective C-H Cyclopropylation of N-Phenoxy-sulfonamides: Combined Experimental and Computational Studies	Angewandte Chemie-International Edition	2020, 59(7), 2890-2896	Zheng, Guangfan; Zhou, Zhi; Zhu, Guoxun; <i>Zhai, Shuailei; Xu, Huiying; Duan, Xujing</i> ; Yi, Wei; Li, Xingwei	SCI(E) — <input checked="" type="checkbox"/>
22	Lilypad Aggregation: Localised Self-Assembly and Metal Sequestration at a Liquid-Vapour Interface	Chemical Science	2020, 11(28), 7501-7510	Jones, Christopher D.; Lewis, Aled R.; Jones, Daniel R.; Ottley, Christopher J.; Liu, Kaiqiang ; Steed, Jonathan W.	SCI(E) — <input checked="" type="checkbox"/>
23	A General Method for Site-Selective Csp ³ -S Bond Formation via Cooperative Catalysis	Chemical Science	2020, 11(5), 1276-1282	Qin, Yuman; Han, Yujie; Tang, Yongzhen; Wei, Junfa; Yang, Mingyu	SCI(E) — <input checked="" type="checkbox"/>
24	Significantly Improved Electrocatalytic Oxygen Reduction by an Asymmetrical Pacman Dinuclear Cobalt (II) Porphyrin-Porphyrin Dyad	Chemical Science	2020, 11(1), 87-96	<i>Liu, Yanju</i> ; Zhou, Guojun; Zhang, Zongyao; Lei, Haitao; Yao, Zhen; Li, Jianfeng; Lin, Jun; Cao, Rui	SCI(E) — <input checked="" type="checkbox"/>
25	Self-Assembled Perylene Bisimide-Cored Trigonal Prism as an Electron-Deficient Host for C ₆₀ and C ₇₀ Driven by "Like Dissolves Like"	Journal of the American Chemical Society	2020, 142(37), 15950-15960	<i>Chang, Xingmao; Lin, Simin; Wang, Gang; Shang, Congdi; Wang, Zhaolong</i> ; Liu, Kaiqiang; Fang, Yu ; Stang, Peter J.	SCI(E) — <input checked="" type="checkbox"/>

26	A Porphyrinic Zirconium Metal-Organic Framework for Oxygen Reduction Reaction: Tailoring the Spacing Between Active-Sites Through Chain-Based Inorganic Building Units	Journal of the American Chemical Society	2020, 142(36), 15386-15395	Cichocka, Magdalena Ola; Liang, Zuozhong; Feng, Dawei; Back, Seoin; Siahrostami, Samira; Wang, Xia; Samperisi, Laura; Sun, Yujia; Xu, Hongyi; Hedin, Niklas; Zheng, Haoquan ; Zou, Xiaodong; Zhou, Hong-Cai; Huang, Zhehao	SCI(E) — <input checked="" type="checkbox"/>
27	Metastable Rock Salt Oxide-Mediated Synthesis of High-Density Dual-Protected M@NC for Long-Life Rechargeable Zinc-Air Batteries with Record Power Density	Journal of the American Chemical Society	2020, 142(15), 7116-7127	Tang, Tang; Jiang, Wen-Jie; Liu, Xiao-Zhi; Deng, Jun; Niu, Shuai; Wang, Bin; Jin, Shi-Feng; Zhang, Qiang; Gu, Lin; Hu, Jin-Song; Wan, Li-Jun	SCI(E) — <input checked="" type="checkbox"/>
28	A Cu(II)-ATP Complex Efficiently Catalyses Enantioselective Diels-Alder Reactions	Nature Communications	2020, 11(1), 4792	Wang, Changhao ; <i>Qi, Qianqian</i> ; <i>Li, Wenying</i> ; Dang, Jingshuang; <i>Hao, Min</i> ; <i>Ly, Shuting</i> ; <i>Dong, Xingchen</i> ; <i>Gu, Youkun</i> ; <i>Wu, Peizhe</i> ; <i>Zhang, Wenyue</i> ; Chen, Yashao ; Hartig, Joerg S.	SCI(E) — <input checked="" type="checkbox"/>
29	Metal-Doped Mo ₂ C (Metal = Fe, Co, Ni, Cu) as Catalysts on TiO ₂ for Photocatalytic Hydrogen Evolution in Neutral Solution	Chinese Journal of Catalysis	2021, 42(1), 205-216	<i>Liu, Jing</i> ; Hodes, Gary; Yan, Junqing ; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
30	Sequential Formation of Tunable-Bandgap Mixed-Halide Lead-Based Perovskites: In Situ Investigation and Photovoltaic Devices	Solar RRL	DOI: 10.1002/solr.202000668	Barrit, Dounya; Zhang, Yalan; Yang, Tinghuan; Tang, Ming-Chun; Li, Ruipeng; Smilgies, Detlef-M.; (Frank) Liu, Shengzhong ; Anthopoulos, Thomas D.; Amassian, Aram; Zhao, Kui	SCI(E) — <input checked="" type="checkbox"/>
31	Scalable Fabrication of Highly Crosslinked Conductive Nanofibrous Films and Their Applications in Energy Storage and Electromagnetic Interference Shielding	Chemical Engineering Journal	2020, 400, 125322	<i>Lai, Haoran</i> ; <i>Li, Wenyue</i> ; Xu, Ling; Wang, Xiaoming; Jiao, Huan; Fan, Zhaoyang; Lei, Zhongli ; Yuan, Ye	SCI(E) — <input checked="" type="checkbox"/>
32	Ph-Responsive Dopamine-Based Nanoparticles Assembled via Schiff Base Bonds for Synergistic Anticancer Therapy	Chemical Communications	2020, 56(87), 13347-13350	Li, Hong; Zhao, Yuanyuan; Jia, Yi; Chen, Gang; Peng, Junxia ; Li, Junbai	SCI(E) — <input checked="" type="checkbox"/>
33	A Hyperbranched Transcription-Activated CRISPR-Cas12a Signal Amplification Strategy for Sensitive Microrna Sensing	Chemical Communications	2020, 56(87), 13445-13448	<i>Tian, Weimin</i> ; Liu, Xiaoling; <i>Wang, Gaoting</i> ; Liu, Chenghui	SCI(E) — <input checked="" type="checkbox"/>
34	Multifunctional Enhancement for Highly Stable and Efficient Perovskite Solar Cells	Advanced Functional Materials	2020, 2005776	<i>Cai, Yuan</i> ; Cui, Jian; Chen, Ming; Zhang, Miaomiao; Han, Yu; <i>Qian, Fang</i> ; Zhao, Huan; Yang, Shaomin; Yang, Zhou ; Bian, Hongtao ; Wang, Tao; Guo, Kunpeng; Cai, Molang; Dai, Songyuan; Liu, Zhike ; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>

35	Rhodium(III)-Catalyzed Chelation-Assisted C-H Imidation of Arenes via Umpolung of the Imidating Reagent	Chinese Journal of Catalysis	2020, 41(11), 1723-1733	Zheng, Guangfan; Sun, Jiaqiong; Xu, Youwei; Zhou, Xukai; Gao, Hui; Li, Xingwei	SCI(E) — <input checked="" type="checkbox"/>
36	Fabrication of Nanoporous Ni And Nio via a Dealloying Strategy for Water Oxidation Catalysis	Journal of Energy Chemistry	2020, 50, 125-134	<i>Ren, Xiangrong; Zhai, Yiyue</i> ; Zhou, Qi; Yan, Junqing; Liu, Shengzhong	SCI(E) — <input checked="" type="checkbox"/>
37	Macroscale Amphiphilic Aerogel Fibers Made From Nonwoven Nanofibers for Large Active Mass Loading	Journal of Power Sources	2020, 474, 228612	<i>Lai, Haoran; Wang, Yaqin; Wang, Yaling; Liu, Wei; Bao, Xiali; Liu, Fa; Li, Xinjie</i> ; Lei, Zhongli ; Jiao, Huan; Fan, Zhaoyang	SCI(E) — <input checked="" type="checkbox"/>
38	Pulsed Electrodeposition of Well-Ordered Nanoporous Cu-Doped Ni Arrays Promotes High-Efficiency Overall Hydrazine Splitting	Journal of Materials Chemistry A	2020, 8(40), 21084-21093	<i>Sun, Qiangqiang</i> ; Li, Yibing; Wang, Jianfang; Cao, Baoyue; Yu, Yan; Zhou, Chunsheng; Zhang, Guochun; Wang, Zenglin; Zhao, Chuan	SCI(E) — <input checked="" type="checkbox"/>
39	2D Cs ₂ PbI ₂ Cl ₂ Nanosheets for Holistic Passivation of Inorganic CsPbI ₂ Br Perovskite Solar Cells for Improved Efficiency and Stability	Advanced Energy Materials	2020, 10, 2002882	<i>Yang, Shaomin</i> ; Liu, Weiduan; <i>Han, Yu</i> ; Liu, Zhike ; <i>Zhao, Wenjing; Duan, Chenyang; Che, Yuhang</i> ; Gu, Haoshuang; Li, Yuebin; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
40	2D Re-Based Transition Metal Chalcogenides: Progress, Challenges, and Opportunities	Advanced Science	2020, 7, 2002320	Li, Xiaobo; Chen, Chao; Yang, Yang; Lei, Zhibin; Xu, Hua	SCI(E) — <input checked="" type="checkbox"/>
41	Therapeutic Iminoboronate-Based Polymersomes with a Cu(II)-Mediated Fenton Reaction-Enhanced ROS-Response	Chemical Communications	2020, 56(81), 12246-12249	<i>Cheng, Ruidong</i> ; Li, Guo; Fan, Li; Jiang, Jinqiang ; Zhao, Yue	SCI(E) — <input checked="" type="checkbox"/>
42	Interface Modification Of A Perovskite/Hole Transport Layer With Tetraphenyldibenzoperiflanthene For Highly Efficient And Stable Solar Cells	ACS Applied Materials & Interfaces	2020, 12(40), 45073-45082	Li, Shiqi; Wu, Yukun; Zhang, Chenxi; Liu, Yifan; Sun, Qinjun; Cui, Yanxia; Liu, Shengzhong Frank ; Hao, Yuying	SCI(E) — <input checked="" type="checkbox"/>
43	Anchoring Positively Charged Pd Single Atoms in Ordered Porous Ceria to Boost Catalytic Activity And Stability in Suzuki Coupling Reactions	Small	2020, 16(43), 2001782	Tao, Xueqin; Long, Ran; Wu, Di; Hu, Yangguang; Qiu, Ganhua; Qi, Zeming; Li, Benxia; Jiang, Ruibin; Xiong, Yujie	SCI(E) — <input checked="" type="checkbox"/>
44	Large Lead-Free Perovskite Single Crystal for High-Performance Coplanar X-Ray Imaging Applications	Advanced Optical Materials	2020, 8(19), 2000814	<i>Liu, Yucheng; Zhang, Yunxia; Yang, Zhou; Cui, Jian</i> ; Wu, Haodi; <i>Ren, Xiaodong</i> ; Zhao, Kui ; Feng, Jiangshan; Tang, Jiang; Xu, Zhuo; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>

45	Incorporated Guanidinium Expands the CH ₃ NH ₃ PbI ₃ Lattice and Enhances Photovoltaic Performance	Acs Applied Materials & Interfaces	2020, 12(39), 43885-43891	Gao, Lili; Li, Xiaotong; Liu, Yan; Fang, Junjie; Huang, Sheng; Spanopoulos, Ioannis; Li, Xiaolei; Wang, Yao; Chen, Lin; Yang, Guanjun; Kanatzidis, Mercouri G.	SCI(E) — <input checked="" type="checkbox"/>
46	Morphology Evolution of a High-Efficiency PSC by Modulating the Vapor Process	Small	2020, 16(43), 2003582	<i>Yao, Zhun</i> ; Zhao, Wangen; Xu, Zhuo; Wen, Jialun; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
47	2D Perovskite Single Crystals with Suppressed Ion Migration for High-Performance Planar-Type Photodetectors	Small	2020, 16(42), 2003145	<i>Zhang, Yunxia; Liu, Yucheng; Xu, Zhuo</i> ; Yang, Zhou; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
48	Long-Lasting and Intense Chemiluminescence of Luminol Triggered by Oxidized G-C3N4 Nanosheets	Analytical Chemistry	2020, 92(17), 11860-11868	Sun, Xiaoqing; Lei, Jing; Jin, Yan; Li, Baoxin	SCI(E) — <input checked="" type="checkbox"/>
49	Anthradithiophene Based Hole -Transport Material for Efficient and Stable Perovskite Solar Cells	Journal of Energy Chemistry	2020, 48, 293-298	Wu, Guohu; Zhang, Yaohong; Kaneko, Ryuji; Kojima, Yoshiyuki; Islam, Ashraful; Sugawa, Kosuke; Otsuki, Joe; Liu, Shengzhong	SCI(E) — <input checked="" type="checkbox"/>
50	A Ratiometric Fluorescent Biosensor Based on Conjugated Polymers for Sensitive Detection of Nitroreductase and Hypoxia Diagnosis in Tumor Cells	Sensors and Actuators B-Chemical	2020, 318, 128257	<i>Zhang, Ziqi ; Feng, Qian ; Yang, Min</i> ; Tang, Yanli	SCI(E) — <input checked="" type="checkbox"/>
51	Long-Aspect-Ratio N-Rich Carbon Nanotubes as Anode Material for Sodium and Lithium Ion Batteries	Chemical Engineering Journal	2020, 395, 125054	Zhong, Siyu; Liu, Huaizhi; Wei, Donghai; Hu, Jin; Zhang, Hang; Hou, Hongshuai; Peng, Meixia; Zhang, Guanhua; Duan, Huigao	SCI(E) — <input checked="" type="checkbox"/>
52	Mo Doped BiVO ₄ Gas Sensor with High Sensitivity and Selectivity Towards H ₂ S	Chemical Engineering Journal	2020, 395, 125144	Qiao, Xiaokang; Xu, Youxun; Yang, Kai; Ma, Jingzhou; Li, Can; Wang, Hongqiang; Jia, Lichao	SCI(E) — <input checked="" type="checkbox"/>
53	Porous PEDOT Network Coated on MoS ₂ Nanobelts toward Improving Capacitive Performance	ACS Sustainable Chemistry & Engineering	2020, 8(33), 12696-12705	<i>Jia, Yufeng ; Yuan, Yuan</i> ; Sun, Jie; Dang, Liqin; Liu, Zonghuai; Lei, Zhibin	SCI(E) — <input checked="" type="checkbox"/>
54	Low-Temperature Growth of Three Dimensional ReS ₂ /ReO ₂ Metal-Semiconductor Heterojunctions on Graphene/Polyimide Film for Enhanced Hydrogen Evolution Reaction	Applied Catalysis B-Environmental	2020, 271, 118924	Feng, Qingliang; Li, Meng; Wang, Tingxia; Chen, Yaping; Wang, Xiaojian; Zhang, Xiaodong; Li, Xiaobo; Yang, Zhouchunyu; Feng, Liping; Zheng, Jianbang; Xu, Hua ; Zhai, Tianyou; Jiang, Yimin	SCI(E) — <input checked="" type="checkbox"/>

55	A Metal-Organic Framework Based Inner Ear Delivery System for the Treatment of Noise-Induced Hearing Loss	Nanoscale	2020, 12(30), 16359-16365	Xu, Xiaoxiang; Lin, Kun; Wang, Yanzhi; Xu, Kai; Sun, Yu; Yang, Xiuping; Yang, Minlan; He, Zuhong; Zhang, Ya; Zheng, Haoquan ; Chen, Xiong	SCI(E) — <input checked="" type="checkbox"/>
56	Biomimetic Amyloid-Like Protein/Laponite Nanocomposite Thin Film Through Regulating Protein Conformation	ACS Applied Materials & Interfaces	2020, 12(31), 35435-35444	Zhao, Jian; Miao, Bianliang; Yang, Peng	SCI(E) — <input checked="" type="checkbox"/>
57	Rhodium Phosphide Ultrathin Nanosheets for Hydrazine Oxidation Boosted Electrochemical Water Splitting	Applied Catalysis B-Environmental	2020, 270, 118880	Zhao, Yue; Jia, Nan; Wu, Xin-Ru; Li, Fu-Min; Chen, Pei; Jin, Pu-Jun ; Yin, Shiwei; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
58	Hydrogen Generation from Ammonia Electrolysis on Bifunctional Platinum Nanocubes Electrocatalysts	Journal of Energy Chemistry	2020, 47, 234-240	Sun, Hui-Ying; Xu, Guang-Rui; Li, Fu-Min; Hong, Qing-Ling; Jin, Pu-Jun; Chen, Pei ; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
59	Role of Alkali-Metal Cations in Electronic Structure and Halide Segregation of Hybrid Perovskites	ACS Applied Materials & Interfaces	2020, 12(30), 34402-34412	Zhang, Siyuan; Tang, Ming-Chun; <i>Fan, Yuanyuan</i> ; Li, Ruipeng; Nguyen, Nhan, V; Zhao, Kui ; Anthopoulos, Thomas D.; Hacker, Christina A.	SCI(E) — <input checked="" type="checkbox"/>
60	Solvent Dispersion Triggered the Formation of Nife-Gel as an Efficient Electrocatalyst for Enhancing the Oxygen Evolution Reaction	Chemical Communications	2020, 56(56), 7781-7784	Wang, Hongkai; Zhu, Weihuang; Xue, Qi; Wang, Changhao; Liu, Kaiqiang	SCI(E) — <input checked="" type="checkbox"/>
61	Rhodium(III)-Catalyzed Diamidation of Olefins via Amidation and Further Amidation	Chemical Communications	2020, 56(56), 7809-7812	<i>Wang, Jinlei</i> ; Zheng, Guangfan; Li, Xingwei	SCI(E) — <input checked="" type="checkbox"/>
62	Low-Temperature Crystallization of CsPbIBr ₂ Perovskite for High Performance Solar Cells	Solar RRL	2020, 4(10), 2000254	Zhang, Congqiang; Wang, Kai; Wang, Yulong; Subhani, Waqas Siddique; Jiang, Xiao; Wang, Shimin; Bao, Huaxi; Liu, Lu; Wan, Li; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
63	Efficient Hybrid Mixed-Ion Perovskite Photovoltaics: In Situ Diagnostics of the Roles of Cesium and Potassium Alkali Cation Addition	Solar RRL	2020, 4(9), 2000272	Tang, Ming-Chun; <i>Fan, Yuanyuan</i> ; Barrit, Dounya; Li, Ruipeng; Dang, Hoang X.; Zhang, Siyuan; Magnanelli, Timothy J.; Nguyen, Nhan V.; Heilweil, Edwin J.; Hacker, Christina A.; Smilgies, Detlef-M.; Zhao, Kui ; Amassian, Aram; Anthopoulos, Thomas D.	SCI(E) — <input checked="" type="checkbox"/>

64	Benzylamine Oxidation Boosted Electrochemical Water-Splitting: Hydrogen and Benzonitrile Co-Production at Ultra-Thin Ni ₂ P Nanomeshes Grown on Nickel Foam	Applied Catalysis B-Environmental	2020, 268, 118393	Ding, Yu; Miao, Bo-Qiang; Li, Shu-Ni; Jiang, Yu-Cheng; Liu, Yan-Yan; Yao, Hong-Chang; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
65	An Emulsion-Free Digital Flow Cytometric Platform for the Precise Quantification of MicroRNA Based on Single Molecule Extension-Illuminated Microbeads (dFlowSeim)	Chemical Communications	2020, 56(52), 7179-7182	<i>Fan, Wenjiao; Qi, Yan; Lu, Xiaohui; Ren, Wei; Liu, Chenghui; Li, Zhengping</i>	SCI(E) — <input checked="" type="checkbox"/>
66	Ytterbium-Catalyzed Intramolecular [3+2] Cycloaddition Based on Furan Dearomatization to Construct Fused Triazoles	Organic Letters	2020, 22(13), 5176-5181	Xu, Xiaoming; Zhong, Ying; Xing, Qingzhao; Gao, Ziwei ; Gou, Jing; Yu, Binxun	SCI(E) — <input checked="" type="checkbox"/>
67	Interface Catalysts of Ni/Co ₂ N for Hydrogen Electrochemistry	ACS Applied Materials & Interfaces	2020, 12(26), 29357-29364	Sun, Kaixi; Zhang, Tong; Fan, Liming; Zhou, Dexia; Qian, Yuqin; Gao, Xiaoxia; Song, Fahui; Bian, Hongtao ; Lu, Zhou; Dang, Jingshuang; Gao, Hong; Shaw, Jeremy; Chen, Shutang; Chen, Gugang; Peo, Xi	SCI(E) — <input checked="" type="checkbox"/>
68	Direct Growth of Pyramid-Textured Perovskite Single Crystals: A New Strategy for Enhanced Optoelectronic Performance	Advanced Functional Materials	2020, 30(34), 2002742	<i>Zhang, Yunxia; Liu, Yucheng; Yang, Zhou; Chen, Ming; Liu, Shengzhong (Frank)</i>	SCI(E) — <input checked="" type="checkbox"/>
69	Space-Confined and Substrate-Directed Synthesis of Transition-Metal Dichalcogenide Nanostructures with Tunable Dimensionality	Science Bulletin	2020, 65(12), 1013-1021	Duan, Zhuojun; Chen, Tao; Shi, Jianwei; Li, Jin; Song, Kui; Zhang, Chan; Ding, Sujuan; Li, Bo; Wang, Guang; Hu, Sigui; He, Xiaoyue; He, Chaoyu; Xu, Hua ; Liu, Xinfeng; Jin, Chuanhong; Zhong, Jianxin; Hao, Guolin	SCI(E) — <input checked="" type="checkbox"/>
70	Strong Band Bowing Effects and Distinctive Optoelectronic Properties of 2H And 1T ' Phase-Tunable Mo _x Re _{1-x} S ₂ Alloys	Advanced Functional Materials	2020, 30(34), 2003264	Deng, Qixin; Li, Xiaobo; Si, Huayan; Hong, Jinhua; Wang, Shiyao; Feng, Qingliang; Hu, Chen-Xia; Wang, Shanshan; Zhang, Hao-Li; Suenaga, Kazu; Xu, Hua	SCI(E) — <input checked="" type="checkbox"/>
71	Laser-Generated BiVO ₄ Colloidal Particles with Tailoring Size and Native Oxygen Defect for Highly Efficient Gas Sensing	Journal of Hazardous Materials	2020, 392, 122471	Qiao, Xiaokang; Xu, Youxun; Yang, Kai; Li, Can; Wang, Hongqiang; Jia, Lichao	SCI(E) — <input checked="" type="checkbox"/>
72	All-Inorganic 0D/3D Cs ₄ Pb(IBr) ₆ /CsPbI _{3-x} Br _x Mixed-Dimensional Perovskite Solar Cells with Enhanced Efficiency and Stability	Journal of Materials Chemistry C	2020, 8(21), 6977-6987	Li, Zhenzhen; Liu, Xiaolong; Xu, Jia; Yang, Shujie; Zhao, Hang; Huang, Hui; Liu, Shengzhong (Frank) ; Yao, Jianxi	SCI(E) — <input checked="" type="checkbox"/>
73	Anodic Hydrazine Electrooxidation Boosted Overall Water Electrolysis by Bifunctional Porous Nickel Phosphide Nanotubes on Nickel Foam	Nanoscale	2020, 12(21), 11526-11535	Wang, Tian-Jiao; Xu, Guan-Rui; Sun, Hui-Ying; Huang, Hao; Li, Fu-Min; Chen, Pei ; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>

74	Multimetal Incorporation into 2D Conductive Metal-Organic Framework Nanowires Enabling Excellent Electrocatalytic Oxidation of Benzylamine to Benzonitrile	Acs Applied Materials & Interfaces	2020, 12(22), 24786-24795	Wang, Ying; <i>Xue, Ying-Ying</i> ; Yan, Li-Ting; <i>Li, Hai-Peng</i> ; <i>Li, Yong-Peng</i> ; Yuan, En-Hui; <i>Li, Meng</i> ; Li, Shu-Ni; Zhai, Quan-Guo	SCI(E) — <input checked="" type="checkbox"/>
75	Highly Stable and Efficient Perovskite Solar Cells Produced via High-Boiling Point Solvents and Additive Engineering Synergistically	Science China-Chemistry	2020, 63(6), 818-826	Wei, Qingbo; Ye, Zhangwen; Ren, Xiaodong; Fu, Feng; Yang, Zhou ; Liu, Shengzhong (Frank) ; <i>Yang, Dong</i>	SCI(E) — <input checked="" type="checkbox"/>
76	Comparative Studies of Optoelectrical Properties of Prominent PV Materials: Halide Perovskite, Cdte, and Gaas	Materials Today	2020, 36, 18-29	Zhang, Fan; Castaneda, Jose F.; Chen, Shangshang; Wu, Wuqiang; DiNezza, Michael J.; Lassise, Maxwell; Nieg, Wanyi; Mohite, Aditya; <i>Liu, Yucheng</i> ; Liu, Shengzhong ; Friedman, Daniel; Liu, Henan; Chen, Qiong; Zhang, Yong-Hang; Huang, Jinsong; Zhang, Yong	SCI(E) — <input checked="" type="checkbox"/>
77	Conjugated Oligomer-Based Ultrasensitive Fluorescent Biosensor for Activatable Imaging of Endogenous NQO1 with High Catalytic Efficiency in Cancer Cells	Sensors and Actuators B-Chemical	2020, 312, 127981	<i>Feng, Qian</i> ; <i>Zhang, Ziqi</i> ; <i>Yuan, Qiong</i> ; <i>Yang, Min</i> ; <i>Zhang, Chen</i> ; Tang, Yanli	SCI(E) — <input checked="" type="checkbox"/>
78	A Leap towards High Performance Quantum Dot Solar Cells	Science Bulletin	2020, 65(10), 783-785	Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
79	The -Nhx Group Induced Formation of 3D Alpha-Co(OH)(2) Curly Nanosheet Aggregates as Efficient Oxygen Evolution Electrocatalysts	Small	2020, 16(25), 2001973	Wang, Yuan; Yang, Chenxi; Li, Zhimin; Liang, Zuozhong; Cao, Guozhong	SCI(E) — <input checked="" type="checkbox"/>
80	HF Promoted Increased Nitrogen Doping in TiO2(B) Photocatalyst	Chemical Communications	2020, 56(42), 5609-5612	<i>Yin, Zhiguang</i> ; <i>Wang, Zihao</i> ; <i>Wang, Jiani</i> ; <i>Wang, Xinyu</i> ; <i>Song, Tingting</i> ; Wang, Zenglin ; Ma, Yi	SCI(E) — <input checked="" type="checkbox"/>
81	Rigid Amine-Induced Pseudo-3 D Lead-Free Bismuth Halide Perovskite with an Improved Band Edge for Visible-Light Absorption	Chemsuschem	2020, 13(10), 2753-2760	Wang, Yanyan; <i>Wen, Rui</i> ; <i>Liu, Yuanyuan</i> ; Bi, Le-Yu; <i>Yang, Mingming</i> ; Sun, Huaming; Zheng, Yan-Zhen; Zhang, Guofang ; Gao, Ziwei	SCI(E) — <input checked="" type="checkbox"/>
82	2D-3D Cs ₂ Pb ₁ Cl ₂ -CsPb _{1.5} Br _{0.5} Mixed-Dimensional Films for All-Inorganic Perovskite Solar Cells with Enhanced Efficiency and Stability	Journal of Physical Chemistry Letters	2020, 11(10), 4138-4146	Li, Zhenzhen; Liu, Xiaolong; Xu, Jia; Yang, Shujie; Zhao, Hang; Huang, Hui; Liu, Shengzhong Frank ; Yao, Jianxi	SCI(E) — <input checked="" type="checkbox"/>

83	Rhodium(iii)-Catalyzed Synthesis of Spirocyclic Isoindole N-Oxides and Isobenzofuranones via C-H Activation and Spiroannulation	Chemical Communications	2020, 56(41), 5528-5531	<i>Han, Xi</i> ; Kong, Lingheng; <i>Feng, Jiami</i> ; Li, Xingwei	SCI(E) — <input checked="" type="checkbox"/>
84	A Yolk-Shell Structured Metal-Organic Framework with Encapsulated Iron-Porphyrin and Its Derived Bimetallic Nitrogen-Doped Porous Carbon for an Efficient Oxygen Reduction Reaction	Journal of Materials Chemistry A	2020, 8(19), 9536-9544	<i>Zhang, Chaochao</i> ; Yang, Hao; Zhong, Dan; Xu, Yang; <i>Wang, Yanzhi</i> ; Yuan, Qi; Liang, Zuozhong; <i>Wang, Bin</i> ; Zhang, Wei; Zheng, Haoquan ; Cheng, Tao; Cao, Rui	SCI(E) — <input checked="" type="checkbox"/>
85	Two Isomeric Azulene-Decorated Naphthodithiophene Diimide-Based Triads: Molecular Orbital Distribution Controls Polarity Change of OFETs Through Connection Position	ACS Applied Materials & Interfaces	2020, 12(20), 23225-23235	Ran, Huijuan; Duan, Xuewei; Zheng, Rong; Xie, Fuli; Chen, Lijuan; Zhao, Zhen; Han, Ruijun; Lei, Zheng; Hu, Jian-Yong	SCI(E) — <input checked="" type="checkbox"/>
86	Ultrafine Rh Nanocrystals Decorated Ultrathin NiO Nanosheets for Urea Electro-Oxidation	Applied Catalysis B-Environmental	2020, 265, 118567	Ma, Ge; Xue, Qi; Zhu, Jingyi; Zhang, Xiaoyu; Wang, Xin; Yao, Hongchang; Zhou, Guofu; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
87	Environmentally Benign Access to Isoindolinones: Synthesis, Separation and Resource Recycling	Green Chemistry	2020, 22(9), 2873-2878	<i>Guo, Weiwei</i> ; Zhang, Qi; <i>Cao, Yang</i> ; <i>Cai, Kaihua</i> ; Zhang, Shengyong; Chai, Yonghai	SCI(E) — <input checked="" type="checkbox"/>
88	Efficient Perovskite Solar Cells via Surface Passivation by a Multifunctional Small Organic Ionic Compound	Journal of Materials Chemistry A	2020, 8(17), 8313-8322	<i>Wu, Xin</i> ; <i>Zhang, Lu</i> ; <i>Xu, Zhuo</i> ; Olthof, Selina; <i>Ren, Xiaodong</i> ; <i>Liu, Yucheng</i> ; <i>Yang, Dong</i> ; <i>Gao, Fei</i> ; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
89	New CRISPR-Derived microRNA Sensing Mechanism Based on Cas12a Self-Powered and Rolling Circle Transcription-Unleashed Real-Time crRNA Recruiting	Analytical Chemistry	2020, 92(9), 6702-6708	<i>Wang, Gaoting</i> ; <i>Tian, Weimin</i> ; Liu, Xiaoling; Ren, Wei; Liu, Chenghui	SCI(E) — <input checked="" type="checkbox"/>
90	Hierarchical Porous Rh Nanosheets for Methanol Oxidation Reaction	Applied Catalysis B-Environmental	2020, 264, 118520	Zhu, Jing-Yi; Chen, Shiqian; Xue, Qi; Li, Fu-Min; Yao, Hong-Chang; Xu, Lai; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
91	Solvent Engineering Using a Volatile Solid for Highly Efficient and Stable Perovskite Solar Cells	Advanced Science	2020, 7(10), 1903250	<i>Wu, Guohua</i> ; <i>Li, Hua</i> ; <i>Cui, Jian</i> ; Zhang, Yaohong; Olthof, Selina; <i>Chen, Shuai</i> ; Liu, Zhike ; <i>Wang, Dapeng</i> ; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>

92	Precursor Engineering for Ambient-Compatible Antisolvent-Free Fabrication of High-Efficiency CsPbI ₂ Br Perovskite Solar Cells	Advanced Energy Materials	2020, 10(22), 2000691	Duan, Chenyang; Cui, Jian; Zhang, Miaomiao; Han, Yu; Yang, Shaomin; Zhao, Huan; Bian, Hongtao ; Yao, Jianxi; Zhao, Kui ; Liu, Zhike ; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
93	Photo-Redeposition Synthesis of Bimetal Pt-Cu Co-Catalysts for TiO ₂ Photocatalytic Solar-Fuel Production	Acs Sustainable Chemistry & Engineering	2020, 8(15), 6055-6064	<i>Liu, Jing</i> ; <i>Liu, Meng</i> ; Yang, Xianglong; Chen, Hao; Liu, Shengzhong Frank ; Yan, Junqing	SCI(E) — <input checked="" type="checkbox"/>
94	Controlling Long-Distance Photoactuation with Protein Additives	Small	2020, 16(18), 2000043	Zhao, Jian; <i>Li, Qian</i> ; <i>Miao, Bianliang</i> ; <i>Pi, Hemu</i> ; Yang, Peng	SCI(E) — <input checked="" type="checkbox"/>
95	Large and Dense Organic-Inorganic Hybrid Perovskite CH ₃ NH ₃ PbI ₃ Wafer Fabricated by One-Step Reactive Direct Wafer Production with High X-Ray Sensitivity	ACS Applied Materials & Interfaces	2020, 12(14), 16592-16600	<i>Hu, Mingxin</i> ; <i>Jia, Shanshan</i> ; <i>Liu, Yucheng</i> ; <i>Cui, Jian</i> ; <i>Zhang, Yunxia</i> ; <i>Su, Han</i> ; Cao, Shuqing; Mo, Lihong; Chu, Depeng; <i>Zhao, Guangtao</i> ; Zhao, Kui ; Yang, Zhou ; Liu, Shengzhong Frank	SCI(E) — <input checked="" type="checkbox"/>
96	Diphenylamine/Triazine Hybrids as Bipolar Hosts for Phosphorescent Organic Light-Emitting Diodes	Journal of Materials Chemistry C	2020, 8(13), 4461-4468	Zhang, Yaxing; Zheng, Yuanyuan; Wang, Binyan; Ran, Huijuan; Wang, Xiaoli; Hu, Jian-Yong; Wang, Qiang	SCI(E) — <input checked="" type="checkbox"/>
97	Fast and Low-Cost Purification Strategy for Oligosaccharide Synthesis Based on a Hop-On/Off Carrier	Organic Letters	2020, 22(7), 2564-2568	Feng, Yingle; <i>Wu, Jingjing</i> ; Chen, Guosong; Chai, Yonghai	SCI(E) — <input checked="" type="checkbox"/>
98	Porous Pd-PdO Nanotubes for Methanol Electrooxidation	Advanced Functional Materials	2020, 30(21), 2000534	Wang, Tian-Jiao; Li, Fu-Min; Huang, Hao; Yin, Shi-Wei; Chen, Pei ; Jin, Pu-Jun ; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
99	Extrinsic Ion Distribution Induced Field Effect in CsPbI ₂ Br ₂ Perovskite Solar Cells	Small	2020, 16(17), 1907283	Wang, Yulong; Wang, Kai; Subhani, Waqas Siddique; Zhang, Congqiang; Jiang, Xiao; Wang, Shimin; Bao, Huaxi; Liu, Lu; Wan, Li; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
100	Epitaxial Growth of Rectangle Shape MoS ₂ with Highly Aligned Orientation on Twofold Symmetry A-Plane Sapphire	Small	2020, 16(16), 2000596	Ma, Zongpeng; Wang, Shiyao; Deng, Qixin; Hou, Zhufeng; Zhou, Xing; Li, Xiaobo; Cui, Fangfang; Si, Huayan; Zhai, Tianyou; Xu, Hua	SCI(E) — <input checked="" type="checkbox"/>
101	Facile Synthesis of "Lucky Clover" Hole-Transport Material for Efficient and Stable Large-Area Perovskite Solar Cells	Journal of Power Sources	2020, 454, 227938	Wu, Guohua; Zhang, Yaohong; Kaneko, Ryuji; Kojima, Yoshiyuki; Islam, Ashraful; Sugawa, Kosuke; Otsuki, Joe; Liu, Shengzhong	SCI(E) — <input checked="" type="checkbox"/>

102	A New Spirofluorene-Based Nonplanar Pbi-Dyad and Its Utilization in the Film-Based Photo-Production of Singlet Oxygen	Science China-Chemistry	2020, 63(4), 526-533	<i>Xu, Wenjun ; Qi, Yanyu ; Zhou, Kun ; Wang, Zhaolong ; Wang, Gang ; He, Gang ; Fang, Yu</i>	SCI(E) — <input checked="" type="checkbox"/>
103	Integrated Single Microbead-Arrayed Microfluidic Platform for the Automated Detection of Multiplexed Biomarkers	ACS Sensors	2020, 5(3), 798-806	<i>Tian, Hui ; Zhao, Wenhan ; Liu, Xiaolong ; Liu, Chenghui ; Peng, Niancai</i>	SCI(E) — <input checked="" type="checkbox"/>
104	Iridium Nanotubes as Bifunctional Electrocatalysts for Oxygen Evolution and Nitrate Reduction Reactions	ACS Applied Materials & Interfaces	2020, 12(12), 14064-14070	Zhu, Jing-Yi; Xue, Qi; Xue, Yuan-Yuan; Ding, Yu; Li, Fu-Min; Jin, Pujun; Chen, Pei; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
105	Conductive Metal-Organic Frameworks with Extra Metallic Sites as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction	Advanced Science	2020, 7(9), 2000012	Huang, Hao; Zhao, Yue; Bai, Yimin; Li, Fumin; Zhang, Ying; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
106	Peroxytungstate Oxidation-Mediated Two-Phase Amplification System (POM-TPAS) for Bisulfite-Free Quantification of Locus-Specific 5-Hydroxymethylcytosine	Chemical Communications	2020, 56(21), 3111-3114	<i>Zhang, Zhenhao; Yan, Jingli ; Li, Zhengping</i>	SCI(E) — <input checked="" type="checkbox"/>
107	Unveiling the Effects of Hydrolysis-Derived DMAI/DMAPbI(x) Intermediate Compound on the Performance of CsPbI ₃ Solar Cells	Advanced Science	2020, 7(9), 1902868	<i>Bian, Hui; Wang, Haoran ; Li, Zhizai; Zhou, Faguang; Xu, Youkui; Zhang, Hong; Wang, Qian; Ding, Liming; Liu, Shengzhong (Frank); Jin, Zhiwen</i>	SCI(E) — <input checked="" type="checkbox"/>
108	Zeolite-Enhanced Sustainable Pd-Catalyzed C-C Cross-Coupling Reaction: Controlled Release and Capture of Palladium	ACS Applied Materials & Interfaces	2020, 12(10), 11419-11427	Wang, Yanyan; <i>Liao, Jiaping ; Xie, Zunyuan; Zhang, Kan ; Wu, Ya; Zuo, Ping; Zhang, Weiqiang; Li, Jiyang; Gao, Ziwei</i>	SCI(E) — <input checked="" type="checkbox"/>
109	I ₁₃ C ₂ I _x Nanosheets/I ₁₃ C ₂ I _x Quantum Dots/RGO (Reduced Graphene Oxide) Fibers for an All-Solid-State Asymmetric Supercapacitor with High Volume Energy Density and Good Flexibility	ACS Applied Materials & Interfaces	2020, 12(10), 11833-11842	<i>Zhou, Xu; Qin, Yi; He, Xuexia; Li, Qi; Sun, Jie; Lei, Zhibin; Liu, Zong-Huai</i>	SCI(E) — <input checked="" type="checkbox"/>
110	Perylene Bisimide Derivative-Based Fluorescent Film Sensors: From Sensory Materials to Device Fabrication	Langmuir	2020, 36(9), 2155-2169	<i>Liu, Quan ; Liu, Taihong; Fang, Yu</i>	SCI(E) — <input checked="" type="checkbox"/>

111	Surface Oxidized Two-Dimensional Antimonene Nanosheets for Electrochemical Ammonia Synthesis Under Ambient Conditions	Journal of Materials Chemistry A	2020, 8(9), 4735-4739	Bat-Erdene, Munkhjargal; Xu, Guangrui; Batmunkh, Munkhbayar; Bati, Abdulaziz S. R.; White, Jessica J.; Nine, Md J.; Losic, Dusan; Chen, Yu; Wang, Yun; Ma, Tianyi; Shapter, Joseph G.	SCI(E) — <input checked="" type="checkbox"/>
112	Dual-Mode Photonic Sensor Array for Detecting and Discriminating Hydrazine and Aliphatic Amines	ACS Applied Materials & Interfaces	2020, 12(9), 11084-11093	Liu, Taihong; Yang, Lijie; Feng, Wan; Liu, Ke; Ran, Qian; Wang, Weina; Liu, Quan; Peng, Haonan; Ding, Liping; Fang, Yu	SCI(E) — <input checked="" type="checkbox"/>
113	Sulfur Doping Induced Anionic Oxidation of Niobium-Pentoxide-Based Anode for Ultralong-Life and High Energy-Density Na-Ion Capacitors	Journal of Power Sources	2020, 451, 227744	She, Liaona; Li, Qi; Zhang, Feng; Kang, Liping; He, Xuexia; Sun, Jie; Lei, Zhibin; Liu, Zong-Huai	SCI(E) — <input checked="" type="checkbox"/>
114	Formic Acid Decomposition-Inhibited Intermetallic Pd ₃ Sn ₂ Nanonetworks for Efficient Formic Acid Electrooxidation	Journal of Power Sources	2020, 450, 227615	Li, Fumin; Xue, Qi; Ma, Ge; Li, Shuni; Hu, Mancheng; Yao, Hongchang; Wang, Xin; Chen, Yu	SCI(E) — <input checked="" type="checkbox"/>
115	Synthesis of 2H-1T' WS ₂ -ReS ₂ Heterophase Structures With Atomically Sharp Interface via Hydrogen-Triggered One-Pot Growth	Advanced Functional Materials	2020, 30(16), 1910169	Liu, Dongyan; Hong, Jinhua; Li, Xiaobo; Zhou, Xing; Jin, Bao; Cui, Qiannan; Chen, Jinping; Feng, Qingliang; Xu, Chunxiang; Zhai, Tianyou; Suenaga, Kazu; Xu, Hua	SCI(E) — <input checked="" type="checkbox"/>
116	Facile Clamp-Assisted Ligation Strategy for Direct Discrimination and Background-Free Quantification of Site-Specific 5-Formylevtosine	Analytical Chemistry	2020, 92(4), 3477-3482	Zhang, Zhenhao; Yang, Dandan; Tian, Weimin; Qi, Yan; Ren, Wei; Li, Zhengping; Liu, Chenghui	SCI(E) — <input checked="" type="checkbox"/>
117	Deep-Ultraviolet Photoactivation-Assisted Contact Engineering Toward High-Efficiency and Stable All-Inorganic CsPbI ₂ Br Perovskite Solar Cells	Solar RRL	2020, 4(6), 2000001	Zhou, Long; Su, Jie; Lin, Zhenhua; Guo, Xing; Ma, Jing; Feng, Liping; Zhang, Jincheng; Wang, Shen; Liu, Shengzhong (Frank); Chang, Jingjing; Hao, Yue	SCI(E) — <input checked="" type="checkbox"/>
118	Gradient Ti-Doping in Hematite Photoanodes for Enhanced Photoelectrochemical Performance	Journal of Power Sources	2020, 449, 227473	Feng, Fan; Li, Can; Jian, Jie; Li, Fan; Xu, Youxun; Wang, Hongqiang; Jia, Lichao	SCI(E) — <input checked="" type="checkbox"/>
119	Rapid Capture of Trace Precious Metals by Amyloid-Like Protein Membrane with High Adsorption Capacity and Selectivity	Journal of Materials Chemistry A	2020, 8(6), 3438-3449	Yang, Facui; Yan, Zhigang; Zhao, Jian; Miao, Shuting; Wang, Dong; Yang, Peng	SCI(E) — <input checked="" type="checkbox"/>

120	Hybridization of Triphenylamine and Salicylaldehyde: A Facile Strategy to Construct Aggregation-Induced Emission Luminogens with Excited-State Intramolecular Proton Transfer for Specific Lipid Droplets and Gram-Positive Bacteria Imaging	Advanced Optical Materials	2020, 8(14), 1902027	<i>Yin, Wei; Li, Yue</i> ; Li, Nan; <i>Yang, Weiyao; An, Hao; Gao, Jinrui; Bi, Yu</i> ; Zhao, Na	SCI(E) — <input checked="" type="checkbox"/>
121	Controlled n-Doping in Air-Stable CsPbI ₂ Br Perovskite Solar Cells With a Record Efficiency of 16.79%	Advanced Functional Materials	2020, 30(12), 1909972	<i>Han, Yu; Zhao, Huan; Duan, Chenyang; Yang, Shaomin</i> ; Yang, Zhou; Liu, Zhike; Liu, Shengzhong (Frank)	SCI(E) — <input checked="" type="checkbox"/>
122	Elastic, Persistently Moisture-Retentive, and Wearable Biomimetic Film Inspired by Fetal Starless Repair for Promoting Skin Wound Healing	ACS Applied Materials & Interfaces	2020, 12(5), 5542-5556	<i>Zhang, Dongmei</i> ; Cai, Guanke; Mukherjee, Somnath; <i>Sun, Yajuan</i> ; Wang, Changhao; <i>Mai, Bingjie</i> ; Liu, Kaiqiang ; Yang, Cheng; Chen, Yashao	SCI(E) — <input checked="" type="checkbox"/>
123	Photoresponsive Shape Memory Hydrogels for Complex Deformation and Solvent-Driven Actuation	ACS Applied Materials & Interfaces	2020, 12(5), 6407-6418	Li, Guo; Gao, Tingyu; Fan, Guanglin; Liu, Zhaotie; Liu, Zhongwen; Jiang, Jinqiang ; Zhao, Yue	SCI(E) — <input checked="" type="checkbox"/>
124	NaCl-Assisted Defect Passivation in the Bulk and Surface of TiO ₂ Enhancing Efficiency and Stability of Planar Perovskite Solar Cells	Journal of Power Sources	2020, 448, 227586	<i>Li, Hua; Li, Dan; Zhao, Wenjing; Yuan, Shihao; Liu, Zhike; Wang, Dapeng</i> ; Liu (Frank), Shengzhong	SCI(E) — <input checked="" type="checkbox"/>
125	Room-Temperature Partial Conversion of Alpha-FAPbI ₃ Perovskite Phase via PbI ₂ Solvation Enables High-Performance Solar Cells	Advanced Functional Materials	2020, 30(11), 1907442	Barrit, Dounya; Cheng, Peirui; Darabi, Kasra; Tang, Ming-Chun; Smilgies, Detlef-M; Liu, Shengzhong (Frank) ; Anthopoulos, Thomas D.; Zhao, Kui ; Amassian, Aram	SCI(E) — <input checked="" type="checkbox"/>
126	Amino Acid-Functionalized Two-Dimensional Hollow Cobalt Sulfide Nanoleaves for the Highly Selective Enrichment of N-Linked Glycoproteins	Analytical Chemistry	2020, 92(2), 2151-2158	Zhou, Yuye; Xu, Yang; Zhang, Chaochao; Emmer, Asa; Zheng, Haoquan	SCI(E) — <input checked="" type="checkbox"/>
127	Reply to "Comment on "Zero-Thermal-Quenching and Photoluminescence Tuning with the Assistance of Carriers from Defect Cluster Trans"	Journal of Materials Chemistry C	2020, 8(3), 1153-1156	<i>Chen, Yali</i> ; Yu, Binxun; <i>Gou, Jing</i> ; Liu, Shengzhong Frank	SCI(E) — <input checked="" type="checkbox"/>
128	Ambient Blade Coating of Mixed Cation, Mixed Halide Perovskites without Dripping: In Situ Investigation and Highly Efficient Solar Cells	Journal of Materials Chemistry A	2020, 8(3), 1095-1104	Tang, Ming-Chun; <i>Fan, Yuanyuan</i> ; Barrit, Dounya; Chang, Xiaoming; Dang, Hoang X.; Li, Ruipeng; Wang, Kai; Smilgies, Detlef-M.; Liu, Shengzhong (Frank) ; De Wolf, Stefaan; Anthopoulos, Thomas D.; Zhao, Kui ; Amassian, Aram	SCI(E) — <input checked="" type="checkbox"/>

129	Gel-Emulsion-Templated Polymeric Aerogels for Water Treatment by Organic Liquid Removal and Solar Vapor Generation	Chemsuschem	2020, 13(4), 749-755	<i>Liu, Jianfei ; Yang, Hui ;</i> Liu, Kaiqiang; Miao, Rong; Fang, Yu	SCI(E) — <input checked="" type="checkbox"/>
130	Superior Textured Film and Process Tolerance Enabled by Intermediate-State Engineering for High-Efficiency Perovskite Solar Cells	Advanced Science	2020, 7(5), 1903009	Wang, Shubo; Chen, Yiqi; Li, Ruiyi; Xu, Yibo; Feng, Jiangshan; Yang, Dong; Yuan, Ningyi; Zhang, Wen-Hua; Liu, Shengzhong (Frank); Ding, Jianning	SCI(E) — <input checked="" type="checkbox"/>
131	Vibrational Relaxation Dynamics of a Semiconductor Copper(I) Thiocyanate (CuSCN) Film as a Hole-Transporting Layer	Journal of Physical Chemistry Letters	2020, 11(2), 548-555	<i>Li, Xiaoqian; Zhou, Dexia; Hao, Hongxing ;</i> Chen, Hailong; Weng, Yuxiang; Bian, Hongtao	SCI(E) — <input checked="" type="checkbox"/>
132	Controllable Coumarin-Based NIR Fluorophores: Selective Subcellular Imaging, Cell Membrane Potential Indication, and Enhanced Photodynamic Therapy	Acs Applied Materials & Interfaces	2020, 12(2), 2076-2086	Zhao, Na; Li, Yue; Yin, Wei; Zhuang, Jiabao; Jia, Qian; Wang, Zhongliang; Li, Nan	SCI(E) — <input checked="" type="checkbox"/>
133	Development of a Column-Shaped Fluorometric Sensor Array and Its Application in Visual Discrimination of Alcohols from Vapor Phase	Analytical Chemistry	2020, 92(1), 1068-1073	<i>Li, Min ; Liu, Ke ; Wang, Li ; Liu, Jianfei ;</i> Miao, Rong; Fang, Yu	SCI(E) — <input checked="" type="checkbox"/>
134	Rhodium-Terpyridine Catalyzed Redox-Neutral Depolymerization of Lignin in Water	Green Chemistry	2020, 22(1), 33-38	<i>Liu, Yuxuan ; Li, Changzhi; Miao, Wang ;</i> Tang, Weijun; Xue, Dong; Xiao, Jianliang; Zhang, Tao; Wang, Chao	SCI(E) — <input checked="" type="checkbox"/>
135	Construction of Mesoporous Cu/ZrO ₂ -Al ₂ O ₃ as a Ternary Catalyst for Efficient Synthesis of Gamma-Valerolactone from Levulinic Acid at Low Temperature	Journal of Catalysis	2020, 381, 163-174	Li, Jifan; <i>Li, Mengjie ; Zhang, Chenxi ;</i> Liu, Chun-Ling; Yang, Rong-Zhen; Dong, Wen-Sheng	SCI(E) — <input checked="" type="checkbox"/>
136	Karst Landform-Featured Monolithic Electrode for Water Electrolysis in Neutral Media	Energy & Environmental Science	2020, 13(1), 174-182	Gao, Xueqing; Chen, Yingdong; Sun, Tong; Huang, Jianmei; Zhang, Wei; Wang, Qiang; Cao, Rui	SCI(E) — <input checked="" type="checkbox"/>
137	Improve the Oxide/Perovskite Heterojunction Contact for Low Temperature High Efficiency and Stable All-Inorganic CsPbI ₂ Br Perovskite Solar Cells	Nano Energy	2020, 67, 104241	Ma, Jing; Su, Jie; Lin, Zhenhua; Zhou, Long; He, Jian; Zhang, Jincheng; Liu, Shengzhong; Chang, Jingjing; Hao, Yue	SCI(E) — <input checked="" type="checkbox"/>

138	Metal-Free Synthesis of 3-(Iso)quinoliny 4-Chromenones and 3-(Iso)quinoliny 4-Quinolones from (Iso)quinoline N-Oxides and Ynones	Organic Letters	2019, 21(24), 9995-9998	Zhang, Shan; Wu, Chun; Zhang, Zunting; Wang, Tao	SCI(E) — ☒
139	Sustainable Ligand-Free, Palladium-Catalyzed Suzuki-Miyaura Reactions in Water: Insights into the Role of Base	Chemsuschem	2019, 12(24), 5265-5273	Wang, Yanyan; Liu, Yuanyuan; Zhang, Wei-qiang; Sun, Huaming; Zhang, Kan; Jian, Yajun; Gu, Quan; Zhang, Guofang; Li, Jiyang; Gao, Ziwei	SCI(E) — ☒
140	Principal Component Analysis Based Dynamic Cone Beam X-Ray Luminescence Computed Tomography: A Feasibility Study	IEEE Transactions on Medical Imaging	2019, 38(12), 2891-2902	Pu, Huangsheng; Gao, Peng; Liu, Yang; Rong, Junyan; Shi, Feng; Lu, Hongbing	SCI(E) — ☒
141	Iron Phosphorus Trichalcogenide Ultrathin Nanosheets: Enhanced Photoelectrochemical Activity Under Visible-Light Irradiation	Nanoscale	2019, 11(44), 21188-21195	Huang, Hao; Shang, Mengxiang; Zou, Yongjin; Song, Wenbo; Zhang, Ying	SCI(E) — ☒
142	Rational Design of PMPC/PDMC/PEGDA Hydrogel Micropatterns onto Polylactic Acid with Enhanced Biological Activity	Acs Biomaterials Science & Engineering	2020, 6(7), 3799-3810	<i>Zhu, Wancheng; Jiang, Liu; Wang, Bulei;</i> Gu, Shunli; <i>Hu, Fenyan;</i> Wang, Changhao; Chen, Yashao	SCI(E) — ☒
143	Preparation of Surfactant Modified Magnetic Expanded Graphite Composites and Its Adsorption Properties for Ionic Dyes	Applied Surface Science	2021, 537, 147995	<i>Tian, Yayu;</i> Ma, Hongzhu; Xing, Baoshan	SCI(E) — ☒
144	Solvent-Free Green Preparation of Reusable EG-PVDF Foam for Efficient Oil-Water Separation	Separation and Purification Technology	2020, 253, 117506	<i>Tian, Yayu;</i> Ma, Hongzhu	SCI(E) — ☒
145	Selective CO ₂ or CH ₄ Adsorption of Two Anionic Bcu-MOFs with Two Different Counterions: Experimental and Simulation Studies	Inorganic Chemistry Frontiers	2020, 7(23), 4631-4639	Wang, Qian; <i>Meng, Liuli; Cheng, Hongtao; Zhang, Zonghui;</i> Xue, Dongxu; Bai, Junfeng	SCI(E) — ☒
146	Sensitive Detection of Intracellular Telomerase Activity via Double Signal Amplification and Ratiometric Fluorescence Resonance Energy Transfer	Analyst	2020, 145(21), 6992-6999	<i>Zhang, Bei; Shi, Lu;</i> Liu, Wei; Li, Baoxin; Jin, Yan	SCI(E) — ☒
147	Array-Based Discriminative Optical Biosensors for Identifying Multiple Proteins in Aqueous Solution and Biofluids	Frontiers in Chemistry	2020, 8, 572234	Fan, Junmei; <i>Qi, Lu;</i> Han, Hongfei; Ding, Liping	SCI(E) — ☒

148	Recent Progress on Defect-Rich Transition Metal Oxides and Their Energy-Related Applications	Chemistry-An Asian Journal	2020, 15(22), 3717-3736	<i>Wang, Yanzhi</i> ; Liang, Zuozhong; Zheng, Haoquan; Cao, Rui	SCI(E) 二区
149	Cd-Doped Triple-Cation Perovskite Thin Films with a 20 μ s Carrier Lifetime	Journal of Physical Chemistry C	2020, 124(40), 22011-22018	<i>Zhang, Lu; Liu, Yucheng</i> ; He, Xilai; Ye, Haochen; Leng, Jing; <i>Ren, Xiaodong</i> ; Jin, Shengye; Liu, Shengzhong	SCI(E) 二区
150	Azopyridine: A Smart Photo- and Chemo-Responsive Substituent for Polymers and Supramolecular Assemblies	Polymer Chemistry	2020, 11(37), 5955-5961	Ren, Hao; Yang, Peng ; Winnik, Francoise M.	SCI(E) 二区
151	Stereocomplexation of Poly(Lactic Acid) and Chemical Crosslinking of Ethylene Glycol Dimethacrylate ((EGDMA) Double-Crosslinked Temperature/pH Dual Responsive Hydrogels	Polymers	2020, 12(10), 2204	Wang, Zhidan; Wu, Jie; Shi, Xiaoyu; Song, Fei; Gao, Wenli; Liu, Shouxin	SCI(E) 二区
152	Photothermal CO ₂ Hydrogenation to Methanol over a CoO/Co/TiO ₂ Catalyst in Aqueous Media Under Atmospheric Pressure	Catalysis Today	2020, 356, 579-588	He, Zhen-Hong; <i>Jiang, Chong-Shan</i> ; Wang, Kuan; <i>Wang, Zhong-Yu</i> ; <i>Li, Na</i> ; Wang, Wei-Tao; Liu, Zhao-Tie	SCI(E) 二区
153	Amorphous NiFe-Layered Double Hydroxides Nanosheets for Oxygen Evolution Reaction	Electrochimica Acta	2020, 356, 136827	<i>Liu, Jiang; Zhou, Jia; Liu, Shuang; Chen, Gui; Wu, Wei; Li, Ying</i> ; Jin, Pujun; Xu, Chunli	SCI(E) 二区
154	Crosslinked Poly(Arylene Ether Sulfone) Block Copolymers Containing Quinoxaline Crosslinkage and Pendant Butanesulfonic Acid Groups as Proton Exchange Membranes	International Journal of Hydrogen Energy	2020, 45(46), 25262-25275	<i>He, Fugang; Wang, Shouping; Yuan, Diao; Weng, Qiang</i> ; Chen, Pei; Chen, Xinbing; An, Zhongwei	SCI(E) 二区
155	Total Synthesis of Sieboldine A	Journal of Organic Chemistry	2020, 85(18), 11968-11974	Shao, Hui; Wang, Yun-Peng; Fang, Kun; Zhao, Yu-Ming; Tu, Yong-Qiang	SCI(E) 二区
156	Self-Assembly of a Rare Nanocage-Based Fe-MOF toward High Methane Purification Performance	Crystal Growth & Design	2020, 20(9), 5657-5663	Zhang, Jian-Wei; Qu, Peng; Hu, Man-Cheng; Li, Shu-Ni; Jiang, Yu-Cheng; Zhai, Quan-Guo	SCI(E) 二区
157	Impact of Photo-Excitation on Leakage Current and Negative Bias Instability in Insnzno Thickness-Varied Thin-Film Transistors	Nanomaterials	2020, 10(9), 1782	Wang, Dapeng; Furuta, Mamoru; Tomai, Shigekazu; Yano, Koki	SCI(E) 二区

158	Electrospinning of Multifunctional Cellulose Acetate Membrane and Its Adsorption Properties for Ionic Dyes	International Journal of Biological Macromolecules	2020, 158, 1342-1351	Chen, Wenjuan; Ma, Hongzhu; Xing, Baoshan	SCI(E) 二区
159	Engineering Hierarchical-Dimensional Co(OH)F into CoP Superstructure for Electrocatalytic Water Splitting	Chemcatchem	2020, 12(19), 4770-4774	<i>Shang, Fanfan; Wan, Shanhong; Gao, Xueqing; Zhang, Wei; Cao, Rui</i>	SCI(E) 二区
160	Synthesis of Fused Conjugated Polymers Containing Imidazo[2,1-B]Thiazole Units by Multicomponent One-Pot Polymerization	Polymer Chemistry	2020, 11(32), 5200-5206	Dong, Ru; Chen, Qi; Cai, Xuediao; Zhang, Qi; Liu, Zhike	SCI(E) 二区
161	Amyloid-Mediated Fabrication of Organic-Inorganic Hybrid Materials and Their Biomedical Applications	Advanced Materials Interfaces	2020, 7(19), 2001060	Zhao, Jian; Yang, Peng	SCI(E) 二区
162	Single-Crystal Synthesis and Diverse Topologies of Hexanuclear Ce-IV-Based Metal-Organic Frameworks	Inorganic Chemistry	2020, 59(16), 11233-11237	<i>Zhang, Yu-Feng; Wang, Qian; Xue, Dong-Xu; Bai, Junfeng</i>	SCI(E) 二区
163	Peptide-Capped Functionalized Ag/Au Bimetal Nanoclusters with Enhanced Red Fluorescence for Lysosome-Targeted Imaging of Hypochlorite in Living Cells	Talanta	2020, 216, 120926	<i>Jia, Minna; Mi, Wenying; Guo, Shaoshi; Yang, Qing-Zheng; Jin, Yan; Shao, Na</i>	SCI(E) 二区
164	Synthesis of Fe ₂ O ₃ -ZnWO ₄ Nanocomposites and Their Enhanced Acetone Sensing Performance	Journal of Alloys And Compounds	2020, 831, 154713	Yin, Mingli; Wang, Yaoting; Liu, Shengzhong	SCI(E) 二区
165	Recent Advances in Co-Based Electrocatalysts for the Oxygen Reduction Reaction	Sustainable Energy & Fuels	2020, 4(8), 3848-3870	Liang, Zuozhong; Zheng, Haoquan; Cao, Rui	SCI(E) 二区
166	Electrospun Nb ₂ O ₅ Nanorods/Microporous Multichannel Carbon Nanofiber Film Anode for Na ⁺ Ion Capacitors with Good Performance	Journal of Colloid And Interface Science	2020, 573, 1-10	<i>She, Liaona; Zhang, Feng; Jia, Congying; Kang, Liping; Li, Qi; He, Xuexia; Sun, Jie; Lei, Zhibin; Liu, Zong-Huai</i>	SCI(E) 二区
167	Facile Synthesis of Manganese Oxide Nanostructures with Different Crystallographic Phase and Morphology for Supercapacitors	Journal of Alloys and Compounds	2020, 830, 154524	Yuan, Yankai; Zhu, Jingyi; Wang, Ying; Li, Shuni; Jin, Pujun ; Chen, Yu	SCI(E) 二区

168	Ultrafine Cop/Co2P Nanorods Encapsulated in Janus/Twins-Type Honeycomb 3D Nitrogen-Doped Carbon Nanosheets for Efficient Hydrogen Evolution	Iscience	2020, 23(7), 101264	Liu, Baocang; Cao, Bo; Cheng, Yan; Jing, Peng; Zhao, Jian; Gao, Rui; O'Mullane, Anthony; Zhu, Huaiyong; Liu, Kaiqiang ; Sun, Xiaolei; Du, Yaping; Zhang, Jun	SCI(E) 二区
169	Hyperbranched Polymer Micelles with Triple-Stimuli Backbone-Breakable Iminoboronate Ester Linkages	Chinese Chemical Letters	2020, 31(7), 1822-1826	<i>Zhang, Xuan</i> ; <i>Gao, Jushan</i> ; <i>Zhao, Xiaoye</i> ; Liu, Zhaotie; Liu, Zhongwen; Wang, Ke; Li, Guo; Jiang, Jinqiang	SCI(E) 二区
170	Amorphous Silica-Alumina Composite with Regulated Acidity for Efficient Production of Hydrogen via Steam Reforming of Dimethyl Ether	Catalysis Today	2020, 351, 68-74	Wang, Shan-Shan; Song, Yong-Hong; Zhao, Yong-Hua; Liu, Chang; Xiao, Yong-Shan; Zhang, Qijian; Liu, Zhao-Tie ; Liu, Zhong-Wen	SCI(E) 二区
171	Tunable Confinement of Cu-Zn Bimetallic Oxides in Carbon Nanofiber Networks by Thermal Diffusion for Lithium-Ion Battery	Applied Surface Science	2020, 517, 146079	Nie, Yan; Wang, Fang; Zhang, Hang; Wei, Donghai; Zhong, Siyu; Wang, Lei; Zhang, Guanhua; Duan, Huigao; Cao, Rui	SCI(E) 二区
172	Highly Efficient Zeolite-Supported Pd Catalyst Activated in C-C Cross-Coupling Reaction	Industrial & Engineering Chemistry Research	2020, 59(24), 11241-11249	Wang, Yanyan; <i>Liu, Yu</i> ; Li, Jiyang; <i>Liu, Yuanyuan</i> ; Zhang, Weigang; <i>Yang, Mingming</i> ; Jian, Yajun; Zuo, Ping; Gao, Ziwei	SCI(E) 二区
173	STEM Imaging Artifacts with Three-Fold Astigmatism in Monolayer Transition Metal Dichalcogenides	Applied Physics Letters	2020, 116, 243102	Hong, Jinhua; Koshino, Masanori; Xu, Hua ; Feng, Qingliang; Suenaga, Kazu	SCI(E) 二区
174	Benzoxazole-Based Nematic Liquid Crystals Containing Ethynyl and Two Lateral Fluorine Atoms with Large Birefringence	Liquid Crystals	DOI: 10.1080/02678292.2020.1768449	<i>Zhang, Mengting</i> ; <i>Du, Shenghua</i> ; <i>Yuan, Diao</i> ; Chen, Pei; <i>Liu, Guoqing</i> ; <i>Dang, Jiazhen</i> ; Chen, Xinbing ; An, Zhongwei	SCI(E) 二区
175	Reusable and Active Pt@Co-NC Catalysts for Oxidation of Glycerol	Renewable Energy	2020, 153, 472-479	<i>Tang, Tian</i> ; <i>Wang, Yini</i> ; Dong, Wensheng ; Liu, Chunling ; Xu, Chunli	SCI(E) 二区
176	Design and Synthesis of Carbon Nanofibers Decorated by Dual-Phase Ti _n O _{2n-1} Nanoparticles With Synergistic Catalytic Effect as High Performance Oxygen Reduction Reaction Catalysts	Electrochimica Acta	2020, 344, 136120	Shi, Ruyue; Li, Miaoran; Zhang, Yanpei; Lei, Yimin; Zhu, Ying; Jiang, Ruibin; He, Xuexia; Lei, Zhibin ; Liu, Zonghuai ; Zhu, Houyu; Sun, Jie	SCI(E) 二区

177	Sacrificial Template Synthesis of Hierarchical Nickel Hydroxidenitrate Hollow Colloidal Particles for Electrochemical Energy Storage	Chemical Engineering Science	2020, 217, 115548	Ma, Yanling; Zhu, Xinqiang; Wang, Biyun; Liu, Songyu; Meng, Tingting; Chen, Hao; Peng, Bo; Deng, Ziwei	SCI(E) 二区
178	High-Sensitive Sensing of Plant Micorna by Integrating Click Chemistry with an Unusual on-Bead Poly(T)-Promoted Transcription Amplification	Analytica Chimica Acta	2020, 1111, 16-22	<i>Wang, Gaoting; Fan, Wenjiao</i> ; Ren, Wei; Liu, Xiaoling; Liu, Chenghui	SCI(E) 二区
179	Specific Counter-Cation Effect on the Molecular Orientation of Thiocyanate Anions at the Aqueous Solution Interface	Physical Chemistry Chemical Physics	2020, 22(18), 10106-10115	<i>Hao, Hongxing; Xie, Qing; Ai, Jingwen;</i> Wang, Yuan; Bian, Hongtao	SCI(E) 二区
180	Halogen Bonding Matters: Visible Light-Induced Photoredox Catalyst-Free Aryl Radical Formation and Its Applications	Physical Chemistry Chemical Physics	2020, 22(18), 10212-10218	Miao, Rong; Wang, Dan ; Xiao, Jianliang ; Ma, Jian; Xue, Dong; Liu, Fengyi; Fang, Yu	SCI(E) 二区
181	A Silylene-Germylene Molecule Containing A Si-I-Ge-I Single Bond	Chemistry-A European Journal	2020, 26(28), 6122-6125	Qin, Yingying; Zheng, Gang; Guo, Yan; Gao, Fangfang; Ma, Jiani; Sun, Wei; Xie, Gang; Chen, Sanping; Wang, Yaoyu; Sun, Huaming; Li, Anyang; Wang, Wenyuan	SCI(E) 二区
182	A Terminal Extension-Actuated Isothermal Exponential Amplification Strategy toward the Ultrasensitive and Versatile Detection of Enzyme Activity in a Single Cell	Talanta	2020, 211, 120704	<i>Tian, Weimin; Wang, Gaoting</i> ; Liu, Xiaoling; Ren, Wei; Liu, Chenghui; Li, Zhengping	SCI(E) 二区
183	Highly Specific Quantification of mRNA Mutation in Single Cells Based on RNase H Cleavage-Assisted Reverse Transcription (RT)-PCR	Chinese Chemical Letters	2020, 31(5), 1095-1098	<i>Yang, Dandan</i> ; Sun, Yuanyuan; <i>Chang, Fu</i> ; <i>Tian, Hui</i> ; Liu, Chenghui; Li, Zhengping	SCI(E) 二区
184	Stereoselective Synthesis of (E)-3-Alkylideneoxindoles via Gold(I)-Catalyzed Cross-Coupling of 3-Diazooxindoles With Diazoesters	Journal of Organic Chemistry	2020, 85(9), 5863-5871	Cheng, Haiyang; Yao, Xinbo; Yin, Shiwei; Wang, Tao; Zhang, Zunting	SCI(E) 二区
185	Direct Production of 2,5-Diformylfuran from Fructose Catalysed by Mo-Based Composite Oxides in Static Air	Molecular Catalysis	2020, 487, 110892	<i>Lei, Qifeng</i> ; Li, Jifan; <i>Cao, Ningning</i> ; <i>Song, Zhe</i> ; Liu, Chun-Ling; Dong, Wen-Sheng	SCI(E) 二区

186	Electrochemical Modification and Tuning Ni/Ni(OH) ₂ -Ag Heterogeneous Interface for Efficient Electrocatalytic Hydrogen and Oxygen Evolution Reactions	Electrochimica Acta	2020, 341, 136051	Zan, Lingxing; Zhang, Hongling; Tang, Haoqing; Wei, Qingbo; Zhao, Yuyue; Wang, Zenglin ; Fu, Feng	SCI(E) 二区
187	Understanding the Microscopic Structure of a "Water-In-Salt" Lithium Ion Battery Electrolyte Probed with Ultrafast IR Spectroscopy	Journal of Physical Chemistry C	2020, 124(16), 8594-8604	Zhang, Miaomiao; Hao, Hongxing; Zhou, Dexia; Duan, Yiyi; Wang, Yuan; Bian, Hongtao	SCI(E) 二区
188	Highly Efficient Binuclear Copper-Catalyzed Oxidation of N,N-Dimethylanilines with O ₂	Chemcatchem	2020, 12(8), 2221-2225	Liu, Yuxia; Yan, Yonggang; Xue, Dong ; Wang, Zhongfu; Xiao, Jianliang ; Wang, Chao	SCI(E) 二区
189	Mesomorphic Properties Improved via Lateral Fluorine Substituent on Benzoxazole-Terminated Mesogenic Compounds	Liquid Crystals	2020, 47(11), 1555-1568	Zhang, Mengting; Sun, Yiming; Du, Shenghua; Yuan, Diao; Chen, Pei; Liu, Guoqing; Dang, Jiazhen; Chen, Xinbing ; An, Zhongwei	SCI(E) 二区
190	Bioinspired Polydopamine Coating as a Versatile Platform for Synthesizing Asymmetric Janus Particles at an Air-Water Interface	Applied Surface Science	2020, 509, 145360	Shang, Bin; Wang, Yanbing; Peng, Bo; Deng, Ziwei	SCI(E) 二区
191	Self-Supported Fep-Comop Hierarchical Nanostructures for Efficient Hydrogen Evolution	Chemistry-An Asian Journal	2020, 15(10), 1590-1597	Wang, Qin; Wang, Zhiying; Zhao, Yue; Li, Fumin; Xu, Ling; Wang, Xiaoming; Jiao, Huan; Chen, Yu	SCI(E) 二区
192	Understanding the Role of Temperature and Drain Current Stress in InSnZnO TFTs With Various Active Layer Thicknesses	Nanomaterials	2020, 10(4), 617	Wang, Dapeng; Furuta, Mamoru; Tomai, Shigekazu; Yano, Koki	SCI(E) 二区
193	Heterovalent Ga ³⁺ Doping in Solution-Processed Cu ₂ ZnSn(S,Se) ₄ Solar Cells for Better Optoelectronic Performance	Sustainable Energy & Fuels	2020, 4(4), 1621-1629	Du, Yachao; Tian, Qingwen; Huang, Jin; Zhao, Yuechao; Chang, Xiaohuan; Zhang, Afei; Wu, Sixin	SCI(E) 二区
194	Direct Synthesis of Lower Olefins From Syngas via Fischer-Tropsch Synthesis Catalyzed by a Dual-Bed Catalyst	Molecular Catalysis	2020, 485, 110824	Hou, Yifeng; Li, Jifan; Qing, Ming; Liu, Chun-Ling ; Dong, Wen-Sheng	SCI(E) 二区

195	Fabrication of Efficient CsPbBr ₃ Perovskite Solar Cells By Single-Source Thermal Evaporation	Journal of Alloys and Compounds	2020, 818, 152903	<i>Li, Juan; Gao, Rongrong; Gao, Fei; Lei, Jie; Wang, Haoxu; Wu, Xin; Li, Jianbo; Liu, Hao; Hua, Xiaodong; Liu, Shengzhong (Frank)</i>	SCI(E) 二区
196	Access to [4,3,1]-Bridged Carbocycles via Rhodium(III)-Catalyzed C-H Activation of 2-Arylindoles and Annulation With Quinone Monoacetals	Journal of Organic Chemistry	2020, 85(6), 4543-4552	Zheng, Guangfan; <i>Duan, Xujing</i> ; Chen, Lu; Sun, Jiaqiong; <i>Zhai, Shuailei; Li, Xiaojiao; Jing, Jierui; Li, Xingwei</i>	SCI(E) 二区
197	Synthesis and Properties of Benzoxazole-Based Liquid Crystals Containing Ethynyl Group	Liquid Crystals	2020, 47(12), 1719–1728	<i>Liu, Guoqing; Ren, Liyuan; Zhang, Mengting; Du, Shenghua; Chen, Pei; Gao, Aiai; Chen, Xinbing; An, Zhongwei</i>	SCI(E) 二区
198	Two-Dimensional Cobalt Prussian Blue Nanosheets: Template-Directed Synthesis and Electrocatalytic Oxygen Evolution Property	Electrochimica Acta	2020, 333, 135544	Huang, Hao; Xue, Qi; Zhang, Ying ; Chen, Yu	SCI(E) 二区
199	Phthalonitrile-Based Bipolar Host for Efficient Green to Red Phosphorescent and TADF OLEDs	Dyes and Pigments	2020, 173, 107895	Wu, Chao; Zhang, Yaxing; Ma, Dongge; Wang, Qiang	SCI(E) 二区
200	New Pyrene-Based Butterfly-Shaped Blue AIEgens: Synthesis, Structure, Aggregation-Induced Emission and Their Nondoped Blue OLEDs	Dyes and Pigments	2020, 173, 107881	Yang, Xueli; Zhao, Zhen; Ran, Huijuan; Zhang, Jiali; Chen, Lijuan; Han, Ruijun; Duan, Xuewei; Sun, Huaming; Hu, Jian-Yong	SCI(E) 二区
201	Unexpected Effect of Intramolecular Phenolic Group on Electrocatalytic CO ₂ Reduction	Chemcatchem	2020, 12(6), 1591-1595	<i>Guo, Kai; Li, Xialiang; Lei, Haitao; Zhang, Wei; Cao, Rui</i>	SCI(E) 二区
202	Chalcogenated-Ti ₃ C ₂ X ₂ Mxene (X = O, S, Se and Te) as a High-Performance Anode Material for Li-Ion Batteries	Applied Surface Science	2020, 501, 144221	Li, Deqiao; Chen, Xianfei; Xiang, Pan; Du, Haiying; Xiao, Beibei	SCI(E) 二区
203	Diverse Interface Structures in TiO ₂ (B)/Anatase Dual-Phase Nanofibers	Advanced Materials Interfaces	2020, 7(4), 1901819	Lei, Yimin; Lin, Xin; Wu, Dekai; Wang, Zhan; Zhong, Peng; Ma, Xiaohua; Sun, Jie	SCI(E) 二区
204	Thin Porous Nanosheets of NiFe Layered-Double Hydroxides Toward a Highly Efficient Electrocatalyst for Water Oxidation	International Journal of Hydrogen Energy	2020, 45(3), 1948-1958	<i>Wu, Wei; Liu, Jiang; Chen, Gui; Chen, Yu; Xu, Chunli</i>	SCI(E) 二区

205	Improved Mesomorphic Behaviour and Large Birefringence of Fluorinated Liquid Crystals Containing Ethynyl and 1-Methyl-1H-Benzimidazole Moieties	Liquid Crystals	2020, 47(9), 1264-1273	<i>Du, Shenghua; Zhang, Mengting; Chen, Pei; Dang, Jiazhen; Gao, Aiai; Du, Weisong; Chen, Xinbing; An, Zhongwei</i>	SCI(E) 二区
206	Benzoxazole-Terminated Liquid Crystals with High Birefringence and Large Dielectric Anisotropy	Liquid Crystals	2020, 47(9), 1274-1280	<i>Hu, Kun; Weng, Qiang; Chen, Ran; Li, Jian; Shi, Dingqian; Chen, Pei; Gao, Aiai; Chen, Xinbing; An, Zhongwei</i>	SCI(E) 二区
207	Preparation and Properties of 1-Methyl-1H-Benzimidazole-Based Mesogenic Compounds Incorporating Ethynyl Moiety	Liquid Crystals	2020, 47(9), 1281-1290	<i>Dang, Jiazhen; Du, Shenghua; Ren, Liyuan; Zhang, Mengting; Chen, Pei; Gao, Aiai; Du, Weisong; Chen, Xinbing; An, Zhongwei</i>	SCI(E) 二区
208	Insight into the Intermolecular Interaction and Free Radical Polymerizability of Methacrylates in Supercritical Carbon Dioxide	Polymers	2020, 12(1), 78	<i>Li, Rui-Qing; Wang, Ming-Xi; Zhang, Qi-Yu; Chen, Jian-Gang; Wang, Kuan; Zhang, Xiao-Yong; Shen, Shukun; Liu, Zhao-Tie; Liu, Zhong-Wen; Jiang, Jinqiang</i>	SCI(E) 二区
209	The Effects of Metal Complexes of Nano-Graphene Oxide to Thermal Decomposition of FOX-7	Nanomaterials	2020, 10(1), 144	<i>Zhang, Chongmin; Fu, Xiaolong; Zhang, Xuexue; Li, Jizhen; Fan, Xuezhong; Zhang, Guofang</i>	SCI(E) 二区
210	Real-Time Monitoring of Ciprofloxacin Degradation in an Electro-Fenton-Like System Using Electrochemical-Mass Spectrometry	Environmental Science-Water Research & Technology	2020, 6(1), 181-188	<i>He, Jing; Li, Na; Zhang, Dongmei; Zheng, Guangfan; Zhang, Hong; Yu, Kai; Jiang, Jie</i>	SCI(E) 二区
211	Hierarchical-Dimensional Material: A Co(OH) ₂ Superstructure with Hybrid Dimensions for Enhanced Water Oxidation	Chemcatchem	2019, 11(24), 5969-5975	<i>Qi, Jing; Chen, Mingxing; Zhang, Wei; Cao, Rui</i>	SCI(E) 二区
212	SnS ₂ Hollow Spheres: Template-Free Synthesis and Growth Mechanism	Physica Status Solidi-Rapid Research Letters	2019, 13(12), 1900185	<i>Wang, Lina; Li, Qi; Wang, Zhe; Qi, Haimei; Zuo, Tiantian; He, Xuexia; Hu, Peng</i>	SCI(E) 二区
213	Stereocomplex Poly(Lactic Acid) Amphiphilic Conetwork Gel With Temperature and pH Dual Sensitivity	Polymers	2019, 11(12), 1940	<i>Wu, Jie; Shi, Xiaoyu; Wang, Zhidan; Song, Fei; Gao, Wenli; Liu, Shouxin</i>	SCI(E) 二区

214	Mesoporous Silica Nanoparticles-based Fluorescent Mini Sensor Array with Dual Emission For Discrimination of Biothiols	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2020, 606, 125433	<i>Gao, Zhipeng; Wang, Zhaojuan; Qiao, Min; Peng, Haonan; Ding, Liping; Fang, Yu</i>	SCI(E) 三区
215	Construction of Cinnamic Acids Derived Beta-cyclodextrins and Their Emodin-Based Inclusions with Enhanced Water Solubility, Excellent Antioxidant and Antibacterial Activities	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2020, 606, 125382	<i>Zhang, Jing; Li, Nini; Zhang, Dongmei; Dong, Mengjin; Wang, Changhao; Chen, Yashao</i>	SCI(E) 三区
216	A Facile Synthesis of Cationic and Super-Hydrophobic Polyhypes as Precursors to Carbon Foam and Adsorbents for Removal of Non-aqueous-phase Dye	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2020, 605, 125334	<i>Wang, Ruoyu; Li, Wei; Lu, Rui; Peng, Junxia; Liu, Xiaoyan; Liu, Kaiqiang; Peng, Haonan</i>	SCI(E) 三区
217	Highly Selective and Sensitive Dual-Fluorescent Probe for Cationic Pb ²⁺ and Anionic Cr ₂ O ₇ ²⁻ , CrO ₄ ²⁻ Contaminants via a Powerful Indium-Organic Framework	Journal of Solid State Chemistry	2020, 291, 121672	<i>Li, Qing; Guan, Bin-Bin; Zhu, Wei; Liu, Tian-Hui; Chen, Ling-Hui; Wang, Ya; Xue, Dong-Xu</i>	SCI(E) 三区
218	Specific Host-Guest Interactions in the Crown Ether Complexes with K ⁺ and NH ₄ ⁺ Revealed from the Vibrational Relaxation Dynamics of the Counteranion	Journal Of Physical Chemistry B	2020, 124(41), 9154-9162	<i>Zhou, Dexia; Hao, Hongxing; Ma, Yinhua; Zhong, Hongmei; Dai, Ya'nan; Cai, Kaicong; Mukherjee, Somnath; Liu, Jing; Bian, Hongtao</i>	SCI(E) 三区
219	Incorporation of Electroactive NiCo ₂ S ₄ and Fe ₂ O ₃ Into Graphene Aerogel for High-Energy Asymmetric Supercapacitor	Colloids And Surfaces A-Physicochemical and Engineering Aspects	2020, 602, 125110	<i>Guo, Rui; Dang, Liqin; Liu, Zonghuai; Lei, Zhibin</i>	SCI(E) 三区
220	Nisin-Loaded Polydopamine/Hydroxyapatite Composites: Biomimetic Synthesis, and in Vitro Bioactivity and Antibacterial Activity Evaluations	Colloids And Surfaces A-Physicochemical and Engineering Aspects	2020, 602, 125101	<i>Wang, Ni; Yu, Xing; Kong, Qingjun; Li, Zhenni; Li, Penghui; Ren, Xueyan; Peng, Bo; Deng, Ziwei</i>	SCI(E) 三区

221	Room-Temperature Palladium(II)-Catalyzed Direct 2-Arylation of Indoles with Tetraarylstannanes	Synlett	2020, 31(16), 1613-1618	<i>Liu, Yuxia</i> ; Wang, Chao; Huang, Linjuan; Xue, Dong	SCI(E) 三區
222	A Comparative Study of the Structures, Thermal Stabilities and Energetic Performances of Two Energetic Regioisomers: 3(4)-(4-Aminofurazan-3-yl)-4(3)-(4-Nitrofurazan-3-yl)Euroxan	Rsc Advances	2020, 10(53), 31800-31807	Zhang, Jiarong; Bi, Fuqiang; Zhai, Lianjie; Huo, Huan; Yang, Zhi; Wang, Bozhou	SCI(E) 三區
223	Fluorescence Toggling Mechanism of Photochromic Phenylhydrazones: N-N Single Bond Rotation-Assisting E/Z Photoisomerization Differs from Imine	Journal of Physical Chemistry A	2020, 124(32), 6411-6419	Wang, Gang; Li, Yazhen; Song, Tingting; Shang, Congdi; Yang, Jiawei; Lily, Makroni; Fang, Yu; Liu, Fengyi	SCI(E) 三區
224	Study on the Amyloid-Like Fibrinogen-Based Nanofilm	Acta Polymerica Sinica	2020, 51(8), 890-900	<i>Yang, Qing-min</i> ; Liu, Yong-chun; Chen, Li-xin; Yang, Peng	SCI(E) 三區
225	Pt Nanoclusters Controllably Prepared by Impregnation Method and its Catalytic Property for Glycerol Oxidation	Catalysis Letters	DOI: 10.1007/s10562-020-03320-x	<i>Tang, Tian; Wang, Yini</i> ; Dong, Wensheng; Liu, Chunling; Xu, Chunli	SCI(E) 三區
226	Few-Layer and Large Flake Size Borophene: Preparation with Solvothermal-Assisted Liquid Phase Exfoliation	RSC Advances	2020, 10(46), 27532-27537	<i>Zhang, Feng; She, Liaona; Jia, Congying</i> ; He, Xuexia; Li, Qi; Sun, Jie; Lei, Zhibin; Liu, Zong-Huai	SCI(E) 三區
227	Synthesis and Characterization of a Novel Crosslinkable Side-Chain Sulfonated Poly(Arylene Ether Sulfone) Copolymer Proton Exchange Membranes	RSC Advances	2020, 10(42), 24772-24783	<i>Wang, Shouping; He, Fugang; Weng, Qiang; Yuan, Diao</i> ; Chen, Pei; Chen, Xinbing; An, Zhongwei	SCI(E) 三區
228	Synthesis of Ti ₄ O ₇ /Ti ₃ O ₅ Dual-Phase Nanofibers with Coherent Interface for Oxygen Reduction Reaction Electrocatalysts	Materials	2020, 13(14), 3142	<i>Shi, Ruyue; Huang, Ying; Li, Miaoran; Zhu, Ying</i> ; He, Xuexia; Jiang, Ruibin; Lei, Zhibin; Liu, Zonghuai ; Sun, Jie	SCI(E) 三區
229	An Efficient Cyclic Di-AMP Based Artificial Metalloribozyme for Enantioselective Diels-Alder Reactions	European Journal of Organic Chemistry	2020, 2020(28), 4417-4424	<i>Qi, Qianqian</i> ; <i>Lv, Shuting</i> ; <i>Hao, Min</i> ; <i>Dong, Xingchen</i> ; <i>Gu, Youkun</i> ; <i>Wu, Peizhe</i> ; <i>Zhang, Wenyue</i> ; Chen, Yashao; Wang, Changhao	SCI(E) 三區
230	Study of the Thermal Decomposition Mechanism of FOX-7 by Molecular Dynamics Simulation and Online Photoionization Mass Spectrometry	RSC Advances	2020, 10(36), 21147-21157	<i>Jiang, Liping</i> ; Fu, Xiaolong; Zhou, Zhongyue; Zhang, Chongmin; Li, Jizhen; Qi, Fei; Fan, Xuezhong; Zhang, Guofang	SCI(E) 三區

231	Synthesis and Properties of a Temperature-Sensitive Hydrogel Based on Physical Crosslinking via stereocomplexation of PLLA-PDLA	RSC Advances	2020, 10(34), 19759-19769	Shi, Xiaoyu; Wu, Jie; Wang, Zhidan; Song, Fei; Gao, Wenli; Liu, Shouxin	SCI(E) 三区
232	Furfuryl Cation Induced Three-Component Reaction to Synthesize Triazole-Substituted Thioesters	European Journal of Organic Chemistry	2020, 2020(22), 3251-3256	Zhong, Ying; Xu, Xiaoming; Xing, Qingzhao; Yang, Song; Gou, Jing; Gao, Ziwei; Yu, Binxun	SCI(E) 三区
233	Visual and Sensitive Detection of Telomerase Activity via Hydrogen Peroxide Test Strip	Biosensors & Bioelectronics	2020, 156, 112132	<i>Wang, Yan; Shi, Lu; Zhu, Jinrui ; Li, Baoxin; Jin, Yan</i>	SCI(E) 三区
234	A Combined Experimental and Theoretical Study of the Thermal Decomposition Mechanism and Kinetics of Ammonium Dinitramide (ADN)	New Journal of Chemistry	2020, 44(17), 6833-6844	Wang, Kuan; <i>Xue, Bing</i> ; Chen, Jian-Gang; He, Zhen-Hong; Ji, Yueping; Wang, Bozhou; Lu, Jian; Liu, Zhong-Wen; Liu, Zhao-Tie	SCI(E) 三区
235	Iminoboronate Backbone-Based Hyperbranched Polymeric Micelles with Fenton-Like Enhanced ROS Response	Macromolecular Chemistry and Physics	2020, 221(9), 2000022	<i>Zhang Xuan ; Li Guo; Liu Zhaotie; Liu Zhongwen; Jiang Jinqiang</i>	SCI(E) 三区
236	Increasing Gas Sensitivity of Co ₃ O ₄ Octahedra by Tuning Co-Co ₃ O ₄ (111) Surface Structure and Sensing Mechanism of 3-Coordinated Co Atom as an Active Center	Journal of Materials Science-Materials in Electronics	2020, 31(11), 8852-8864	Yuan, Yukun; Wang, Yingfei; He, Xiaoyan; Chen, Mengdi; Liu, Junfang; Liu, Bin; Zhao, Hua; Liu, Shengzhong ; Yang, Heqing	SCI(E) 三区
237	Injectable Enzyme-Based Hydrogel Matrix with Precisely Oxidative Stress Defense for Promoting Dermal Repair of Burn Wound	Macromolecular Bioscience	2020, 20(6), 2000036	<i>Zhang, Dongmei ; Wang, Bulei ; Sun, Yajuan ; Wang, Changhao; Mukherjee, Somnath; Yang, Cheng; Chen, Yashao</i>	SCI(E) 三区
238	Defect Gradient Control in Amorphous InGaZnO for High-Performance Thin-Film Transistors	Journal of Physics D-Applied Physics	2020, 53(13), 135104	Wang, Dapeng; Li, Dan; Zhao, Wenjing; Furuta, Mamoru	SCI(E) 三区
239	Alpha, Beta-Alkynone Accelerated PPM Level Pd-Catalyzed Sonogashira Coupling Reaction	Catalysts	2020, 10(3), 302	Guo, Meng; Wei, Zhen; Yang, Jianming; Xie, Zunyuan; Zhang, Weiqiang	SCI(E) 三区

240	Triphenylamine-Based Hole Transporting Materials with Thiophene-Derived Bridges for Perovskite Solar Cells	Synthetic Metals	2020, 261, 116323	Wu, Guohua; Zhang, Yaohong; Kaneko, Ryuji; Kojima, Yoshiyuki; Sugawa, Kosuke; Islam, Ashraful; Otsuki, Joe; Liu, Shengzhong	SCI(E) 三區
241	Design of a Pillar-Layered Metal-Organic Framework as High-Performance Fluorescence Sensor for Nitroaromatic Compounds	Journal of Solid State Chemistry	2020, 283, 121166	<i>Wu, Hai-Tao; Li, Hai-Peng</i> ; Li, Shu-Ni; Jiang, Yu-Cheng; Hu, Man-Cheng; Zhai, Quan-Guo	SCI(E) 三區
242	Novel Ferrocene-Based 1,2,3-Triazolyl Compounds: Synthesis, Anti-Migration Properties and Catalytic Effects on Oxidizers During Combustion	Inorganica Chimica Acta	2020, 502, 119374	<i>Cheng, Wenqian; Shi, Xiaoling; Zhang, Yu</i> ; Jian, Yajun; Zhang, Guofang	SCI(E) 三區
243	A Multifunctional Hybrid Inorganic-Organic Coating Fabricated on Magnesium Alloy Surface with Antiplatelet Adhesion and Antibacterial Activities	Surface & Coatings Technology	2020, 384, 125336	<i>Du, Minting; Peng, Mengke; Mai, Bingjie; Hu, Fenyan; Zhang, Xiaodan</i> ; Chen, Yashao; Wang, Changhao	SCI(E) 三區
244	Surface Functionalization of Mesoporous Silica Nanoparticles with Pyronine Derivative for Selective Detection of Hydrogen Sulfide in Aqueous Solution	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2020, 586, 124194	<i>Gao, Zhipeng; Qiao, Min; Tan, Mengmin</i> ; Peng, Haonan; Ding, Liping	SCI(E) 三區
245	Phosphate Ion Functionalized Co ₃ O ₄ Nanosheets/RGO with Improved Electrochemical Performance	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2020, 586, 124232	<i>Zhang, Zhiyan; Lu, Meng; Wang, Jinfeng</i> ; Kang, Liping; Liu, Zong-Huai	SCI(E) 三區
246	Highly Crystallized Pd/Cu Nanoparticles on Activated Carbon: An Efficient Heterogeneous Catalyst for Sonogashira Cross-Coupling Reaction	Catalysts	2020, 10(2), 192	<i>Wei, Zhen; Xie, Zunyuan; Gao, Lingxiang; Wang, Yanyan; Sun, Huaming; Jian, Yajun</i> ; Zhang, Guofang ; Xu, Liwen; Yang, Jianming; Zhang, Weiqiang; Gao, Ziwei	SCI(E) 三區
247	Activation Reactions of 2-Pyridyl and 2-Pyrimidinyl Alkynes with Ru-3(CO) ₁₂	New Journal of Chemistry	2019, 43(48), 19075-19084	<i>Li, Shasha; Xu, Lei; Jiang, Liping</i> ; Zhang, Guofang ; Zhang, Weiqiang; Gao, Ziwei	SCI(E) 三區

248	Hydrothermal Growth of Hydroxyapatite and ZnO Bilayered Nanoarrays on Magnesium Alloy Surface with Antibacterial Activities	Frontiers of Materials Science	2020, 14(1), 14-23	<i>Peng, Mengke; Hu, Fenyan; Du, Minting; Mai, Bingjie; Zheng, Shurong; Liu, Peng; Wang, Changhao; Chen, Yashao</i>	SCI(E) 三区
249	Conversion of Glycerol to Dihydroxyacetone Over Au Catalysts on Various Supports	Journal of Chemical Technology and Biotechnology	2020, 95(4), 1153-1162	<i>Ke, Yihu; Li, Xiaohua; Li, Jifan; Liu, Chun-Ling; Xu, Chunli; Dong, Wen-Sheng</i>	SCI(E) 三区
250	Solution-Processed Method for High-Performance Cu ₂ ZnSn(S,Se) ₄ Thin Film Solar Cells and Its Characteristics	Optical Materials	2019, 98(), 109485	Wang, Yanling; Du, Yachao; Meng, Lingli; Li, Yueshu; Li, Zhi; Tian, Qingwen	SCI(E) 三区
251	First-Row Transition Metal Porphyrins for Electrocatalytic Hydrogen Evolution - A SPP/JPP Young Investigator Award Paper	Journal of Porphyrins and Phthalocyanines	2020, 24(11-12), 1361-1371	Lei, Haitao; Wang, Yabo; Zhang, Qingxin; Cao, Rui	SCI(E) 四区
252	Anti-Migration and Combustion Catalytic Performances of Ferrocenyl Compounds of Anilines and Alkylamines Synthesized by Click Reaction	Zeitschrift Fur Anorganische Und Allgemeine Chemie	DOI: 10.1002/zaac.202000322	<i>Shi, Xiaoling; Cheng, Wenqian; Jiang, Liping; Bi, Fuqiang; Li, Jizhen; Zhang, Guofang</i>	SCI(E) 四区
253	Voltammetric Detection of Caffeine Content in Different Tea Stuffs by Using Co ₃ O ₄ /GCE-Nafion Electrode	Journal of the Iranian Chemical Society	DOI: 10.1007/s13738-020-02059-x	Kumar, Raj; Qadir, Glulam; Rajar, Kausar; Balouch, Aamna; Ibupoto, Zafar Hussain; <i>Parkash, Anand</i>	SCI(E) 四区
254	Enhancement of Fe(III) to Electro-Response of Starch Hydrogel	Colloid and Polymer Science	2020, 298(11), 1533-1541	<i>Wang, Yifei; Lin, Meihui; Dai, Wenqing; Zhou, Yanwei; Xie, Zunyuan; Liu, Kaiqiang; Gao, Lingxiang</i>	SCI(E) 四区
255	Coral-Like PEDOT Nanotube Arrays on Carbon Fibers as High-Rate Flexible Supercapacitor Electrodes	ACS Applied Energy Materials	2020, 3(8), 7794-7803	<i>Niu, Fei; Guo, Rui; Dang, Liqin; Sun, Jie; Li, Qi; He, Xuexia; Liu, Zonghuai; Lei, Zhibin</i>	SCI(E) 四区
256	Quinoxaline-Based Semi-Interpenetrating Polymer Network Of Sulfonated Poly(Arylene Ether)s and Sulfonated Polyimides as Proton Exchange Membranes	Polymer Bulletin	DOI: 10.1007/s00289-020-03320-2	Yanhui Wang; Pei Chen ; Qiang Weng; Xinbing Chen ; Zhongwei An	SCI(E) 四区

257	Inch-Size 0D-Structured Lead-Free Perovskite Single Crystals for Highly Sensitive Stable X-Ray Imaging	Matter	2020, 3(1), 180-196	<i>Liu, Yucheng; Xu, Zhuo; Yang, Zhou; Zhang, Yunxia; Cui, Jian; He, Yihui; Ye, Haochen; Zhao, Kui; Su, Huaming; Lu, Rui; Liu, Ming; Kanatzidis, Mercouri G.; (Frank) Liu, Shengzhong</i>	SCI(E) 四区
258	Efficient Near-Infrared Photosensitizer with Aggregation-Induced Emission Characteristics for Mitochondria-Targeted and Image-Guided Photodynamic Cancer Therapy	Materials Chemistry Frontiers	2020, 4(7), 2064-2071	<i>Yang, Hanxiao; Zhuang, Jiabao; Li, Nan; Li, Yue; Zhu, Shiyu; Hao, Jiaxin; Xin, Jiayao; Zhao, Na</i>	SCI(E) 四区
259	Improved Interface Contact for Highly Stable All-Inorganic CsPbI ₂ Br Planar Perovskite Solar Cells	ACS Applied Energy Materials	2020, 3(6), 5173-5181	<i>He, Jian; Su, Jie; Ning, Zhijun; Ma, Jing; Zhou, Long; Lin, Zhenhua; Zhang, Jincheng; Liu, Shengzhong; Chang, Jingjing; Hao, Yue</i>	SCI(E) 四区
260	Mn Doping of CsPbI ₃ Film towards High-Efficiency Solar Cell	ACS Applied Energy Materials	2020, 3(6), 5190-5197	<i>Yao, Zhun; Zhao, Wangen; Chen, Sijie; Jin, Zhiwen; Liu, Shengzhong Frank</i>	SCI(E) 四区
261	Enhancing Hydrogen Evolution Performance of a Regular Cube NiCu Nanocrystalline Electrocatalyst Fabricated by Normal Pulse Electrodeposition	Chemical Journal of Chinese Universities-Chinese	2020, 41(6), 1287-1296	<i>Sun Qiangqiang; Cao Baoyue; Zhou Chunsheng; Zhang Guochun; Wang Zenglin</i>	SCI(E) 四区
262	Synthesis and Selective CO ₂ Adsorption of a Rtl-MOF Based Upon 5-(3-Amino-Pyridin-4-Yl)-Isophthalic Acid and [Cu ₂ (COO) ₄]-Paddlewheel Unit	Chinese Journal of Inorganic Chemistry	2020, 36(6), 1098-1104	<i>Meng Liu-Li; Cheng Hong-Tao; Xue Dong-Xu; Wang Qian; Bai Jun-Feng</i>	SCI(E) 四区
263	Ligand Assisted Swelling-Deswelling Microencapsulation (LASDM) for Stable, Color Tunable Perovskite-Polymer Composites	Nanoscale Advances	2020, 2(5), 2034-2043	<i>He, Juan; He, Ziqian; Towers, Andrew; Zhan, Tao; Chen, Hao; Zhou, Le; Zhang, Caicai; Chen, Ran; Sun, Ted; Gesquiere, Andre J.; Wu, Shin-Tson; Dong, Yajie</i>	SCI(E) 四区
264	Synthesis of Porous Dendritic Nickel-Copper Alloy and Electrolytic Performances towards Hydrogen Evolution and Hydrazine Oxidation	Chinese Journal of Inorganic Chemistry	2020, 36(4), 703-714	<i>Sun Qiang-Qiang; Zhou Chun-Sheng; Zhang Guo-Chun; Wang Zeng-Lin</i>	SCI(E) 四区
265	Aggregation-Induced Emission of a 2D Protein Supramolecular Nanofilm with Emergent Functions	Materials Chemistry Frontiers	2020, 4(4), 1256-1267	<i>Liu, Ruirui; Jing, Jiangbo; Zhang, Song; Wang, Ke; Xu, Bin; Tian, Wenjing; Yang, Peng</i>	SCI(E) 四区

266	Selective Aerobic Oxidation of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran over Heteroatom-Doped Ordered Carbon Supported Ru Catalysts	Journal of Porous Materials	2020, 27(4), 1003-1012	Ren, Hui-Fang; <i>Luo, Xiao</i> ; <i>Zhang, Ke</i> ; Cai, Qiang; Liu, Chun-Ling ; Dong, Wen-Sheng	SCI(E) 四区
267	A New Generation of Platinum-Copper Electrocatalysts with Ultra-Low Concentrations of Platinum for Oxygen-Reduction Reactions in Alkaline Media	Chemistryselect	2020, 5(11), 3391-3397	<i>Parkash, Anand</i> ; <i>Jia, Zhou</i> ; <i>Tian, Tang</i> ; <i>Ge, Zhang</i> ; Yu, Chen; Chunli Xu	SCI(E) 四区
268	Chlorine-Modified SnO ₂ Electron Transport Layer for High-Efficiency Perovskite Solar Cells	Infomat	2020, 2(2), 401-408	Ren, Xiaodong; <i>Liu, Yucheng</i> ; Lee, Dong Geon; Kim, Won Bin; Han, Gill Sang; Jung, Hyun Suk; Liu, Shengzhong (Frank)	SCI(E) 四区
269	An Oxamide-Functionalized Ternary Indium-Organic Framework	Inorganic Chemistry Communications	2020, 113, 107762	Xie, Rui-Rui; Guo, Xin-Ai; Zhang, Zong-Hui; Xue, Dong-Xu	SCI(E) 四区
270	Adsorption Performance of Expanded Graphite and Its Binary Composite Microbeads Toward Oil and Dyes	Desalination and Water Treatment	2020, 178, 283-295	<i>Tian, Yayu</i> ; <i>Zhang, Ning</i> ; <i>Liu, Yue</i> ; <i>Chen, Wenjuan</i> ; <i i="" lv,="" renjie<="">; Ma, Hongzhu</i>	SCI(E) 四区
271	On-Bead Enzyme-Catalyzed Signal Amplification for the High-Sensitive Detection of Disease Biomarkers	Methods in Enzymology: Nanoarmoring of Enzymes with Carbon Nanotubes and Magnetic Nanoparticles	2020, 630, 179-197	<i>Fan, Wenjiao</i> ; Ren, Wei; <i>Zhu, Liping</i> ; Liu, Chenghui	SCI(E) 四区
272	Surface-Tension-Controlled Crystallization for High-Quality 2D Perovskite Single Crystals for Ultrahigh Photodetection	Matter	2019, 1(2), 465-480	<i>Liu, Yucheng</i> ; <i>Ye, Haochen</i> ; <i>Zhang, Yunxia</i> ; Zhao, Kui ; Yang, Zhou; Yuan, Yongbo; Wu, Haodi; Zhao, Guangtao; Yang, Zupei; Tang, Jiang; <i>Xu, Zhuo</i> ; Liu, Shengzhong (Frank)	SCI(E) 四区