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88.	A Glutathione Activatable Photosensitizer for Combined Photodynamic and Gas Therapy under Red Light Irradiation	Ran Wang, Xiang Xia, Yanjun Yang, Xiang Rong, Ting Liu, Zehou Su, Xiaolong Zeng,* Jianjun Du, Jiangli Fan, Wen Sun,* and Xiaojun Peng	Adv. Healthcare Mater.	2021, 2102017
89.	A Dual-Nanozyme-Catalyzed Cascade Reactor for Enhanced Photodynamic Oncotherapy against Tumor Hypoxia	Miaomiao Chen, Jitao Song,* Jialong Zhu, Gaobo Hong, Jing An, Erting Feng, Xiaojun Peng, and Fengling Song*	Adv. Healthcare Mater.	2021, 2101049
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91.	Self-Supporting 3D Carbon Nitride with Tunable $n \rightarrow \pi^*$ Electronic Transition for Enhanced Solar Hydrogen Production	Sufeng An, Guanghui Zhang, Keyan Li, Zhennan Huang, Xiang Wang, Yongkang Guo, Jungang Hou,* Chunshan Song, and Xinwen Guo*	ADVANCED MATERIALS	2021, 2104361
92.	Photoinduced Superhydrophilic TiO ₂ -PHEA/PS Photonic Crystal Composites with Vivid Structural Color, Self-Cleaning Ability, and Robust Structure	Yeguang Zhang, Yong Qi, Shufen Zhang*	ADVANCED MATERIALS INTERFACES	2021, 8, 2100889
93.	Conjugated Linkers Improve the Photoelectrocatalytic H ₂ -Evolution Activity of Cobaloxime-Modified Silicon Photocathodes by Largely Suppressing Charge Recombination	Lunlun Gong, Heng Yin, Ruixue Tian, Yingzheng Li, Xiuli Wang, Mei Wang*	ADVANCED MATERIALS INTERFACES	2021, 8, 2100182
94.	Photonic Janus Carbon Fibers with Structural Color Gradient for Multicolored, Wirelessly Wearable Thermal Management Devices	Kai Zhao, Jie Cheng, Nan Sun, Yunpeng Wang, Huolin Huang, Shufen Zhang, Wenbin Niu*	ADVANCED MATERIALS TECHNOLOGIES	2021, 2101057
95.	Self-Host Thermally Activated Delayed Fluorescence Material with Aggregation-Induced Emission Character: Multi-Functional Applications in OLEDs	Ruizhi Dong, Jiuyan Li*, Di Liu*, Deli Li, Yongqiang Mei, Mengyao Ma, Jingyang Jiang	ADVANCED OPTICAL MATERIALS	2021, 9, 2100970
96.	A Sequential Dual-Model Strategy Based on Photoactivatable Metallopolymer for On-Demand Release of Photosensitizers and Anticancer Drugs	Maomao He, Guangli He, Peiyuan Wang, Suhua Jiang, Ziyue Jiao, Dongmei Xi, Pengcheng Miao, Xuefei Leng, Zhiyong Wei,* Yang Li,* Yanjun Yang, Ran Wang, Jianjun Du, Jiangli Fan, Wen Sun,* and Xiaojun Peng	Adv. Sci.	2021, 2103334
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406	Polyethylene glycol (PEG)/silicon dioxide grafted aminopropyl group and carboxylic multi-walled carbon nanotubes (SAM) composite as phase change material for light-to-heat energy conversion and storage	Dongmao Yan, Weixing Ming, Song Liu, Guoqiang Yin, Yuang Zhang, Bingtao Tang, Shufen Zhang*	Journal of Energy Storage	2021, 36, 102428
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442	Bimetallic Zn/Co-ZIF tubular membrane for highly efficient pervaporation separation of Methanol/MTBE mixture	Changchang Ma, Haiou Liu, Jieshan Qiu, Xiongfu Zhang*	Journal of Membrane Science	2021, 638, 119676
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444	Octopus-like side chain grafted poly(arylene piperidinium) membranes for fuel cell application	Lingling Ma, Manzoor Hussain, Lv Li, Naeem Akhtar Qaisrani, Lei Bai, Yabin Jia, Xiaoming Yan, Fengxiang Zhang*, Gaohong He*	Journal of Membrane Science	2021, 636, 119529
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450	Preparation and characterization of the side-chain quaternized poly (phthalazinone ether ketone)s with phenyl groups for vanadium redox flow battery	Zhaoqi Wang, Shouhai Zhang*, Qian Liu, Yuning Chen, Zhihuan Weng, Xigao Jian	Journal of Membrane Science	2021, 633, 119416
451	ZIF-8 hollow nanotubes based mixed matrix membranes with high-speed gas transmission channel to promote CO ₂ /N ₂ separation	Qiuchen Wang, Yan Dai, Xuehua Ruan, Wenji Zheng**, Xiaoming Yan, Xiangcun Li, Gaohong He*	Journal of Membrane Science	2021, 630, 119323
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462	Fluorescence chemosensor for acetate ion and fluorine ion based on 1,2,4-triazolyl substituted pentaphenylpyridinium	Guangyao Wang, Ting Zheng, Siqi Zhang, Junwei Ye*, Guiling Ning*	Journal of Molecular Structure	2021, 1230, 129918
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579	Developing deep blue ($CIE_y < 0.08$) and pure blue ($CIE_y < 0.11$) OLEDs <i>via</i> molecular engineering of carbazole moiety	Wenkui Wei, Jiuyan Li,* Di Liu,* Yongqiang Mei, Ying Lan, Houru Tian, Rui Niu and Botao Liu	New J. Chem.	2021, 45, 16732-16739
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584	Interface engineering in the a-Co(OH) ₂ /ZIF-67 heterostructure for enhanced oxygen evolution electrocatalysis	Xue-Zhi Song, Nan Zhang, Zan-Yao Niu, Yu Pan, Xiao-Feng Wang* and Zhenquan Tan*	New J. Chem.	2021, 45, 10199-10203
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586	Highly efficient photocatalytic CO ₂ reduction by a ruthenium complex sensitizing g-C ₃ N ₄ /MOF hybrid photocatalyst	Wenxuan Sun, Xuyang Chen, Xiangfen Meng and Yan Gao*	New J. Chem.	2021, 45, 8965-8970
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590	Construction of a spiro[pyrazolone-4,2'-pyridoindole] scaffold via a [3+3] cycloaddition of 2-indolylmethanol with a 4-aminopyrazolone-derived azomethine ylide	Shah Nawaz, Yue Huang, Xiaoze Bao, Shiqiang Wei, Xingfu Wei, Jingping Qu and Baomin Wang*	Org. Biomol. Chem.	2021, 19, 8530-8538
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680	Hazardous wastewater treatment by low-cost sorbent with in situ regeneration using hybrid solar energy-electrochemical system	Muhammad Masood Khan, Hafiz Muhammad Anwar Asghar, Hammad Saulat, Muhammad Chawla, Sikander Rafiq*, Muhammad Mahmood Khan, Wang Ya Jie, Muhammad Aslam, Ahmad Mukhtar	WATER ENVIRONMENT RESEARCH	2021, 93, 1554-1561
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682	Methanol-Mediated Electrosynthesis of Ammonia	Yongwen Ren, Chang Yu*, Xiaotong Han, Xinyi Tan, Qianbing Wei, Wenbin Li, Yingnan Han, Le Yang, Jieshan Qiu*	ACS Energy Letters	2021, 6, 3844-3850