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- (1) **Dong Liu***, Minghui Chen, Tianqi Niu, Roujie Ma, Congyue Zhao, Jianing Qian, Xiaozhou Xie, Likun Pan*, Weidong Wu, Tianjun Ni*. Three-dimensional crosslinked structure assembled by novel elemental iodine doped Nb₂O₅ ultrathin nanosheets for exceptional visible-light photocatalytic performance [J]. *Chem. Eng. J.*, 2024, 493: 152625.
- (2) **Dong Liu***, Congyue Zhao, Minghui Chen, Yawen Yang, Jianing Qian, Xiaozhou Xie, Likun Pan*, Fengquan Zhang, Ling Tao, Weidong Wu, Tianjun Ni*. Enhanced visible light photocatalytic performance of carbon and oxygen co-doped carbon nitride with a three-dimensional structure: Performance and mechanism study [J]. *J. Colloid Interf. Sci.*, 2024, 665, 452-464.
- (3) **Dong Liu***, Chunling Li, Congyue Zhao, Qian Zhao, Tianqi Niu, Likun Pan*, Pengwei Xu, Fengquan Zhang, Weidong Wu, Tianjun Ni*. Facile synthesis of three-dimensional hollow porous carbon doped polymeric carbon nitride with highly efficient photocatalytic performance [J]. *Chem. Eng. J.*, 2022, 438: 135623.
- (4) **Dong Liu***, Chunling Li, Jiayu Ge, Congyue Zhao, Qian Zhao*, Fengquan Zhang, Tianjun Ni*, Weidong Wu. 3D interconnected g-C₃N₄ hybridized with 2D Ti₃C₂ MXene nanosheets for enhancing visible light photocatalytic hydrogen evolution and dye contaminant elimination [J]. *Appl. Surf. Sci.*, 2022, 579: 152180.
- (5) **Dong Liu***, Huijun Li, Ranpeng Gao, Qian Zhao, Zhongzhi Yang, Xia Gao, Zhe Wang, Fengquan Zhang, Weidong Wu. Enhanced visible light photoelectrocatalytic degradation of tetracycline hydrochloride by I and P co-doped TiO₂ photoelectrode [J]. *J. Hazard. Mater.*, 2021, 406: 124309.
- (6) **Dong Liu**, Jianqiao Wang, Jun Zhou, Qinghua Xi, Xin Li, Er Nie*, Xianqing Piao, Zhuo Sun*. Fabricating I doped TiO₂ photoelectrode for the degradation of diclofenac: Performance and mechanism study [J]. *Chem. Eng. J.*, 2019, 369: 968-978.
- (7) **Dong Liu**, Jun Zhou, Jianqiao Wang, Renwen Tian, Xin Li, Er Nie*, Xianqing Piao, Zhuo Sun. Enhanced visible light photoelectrocatalytic degradation of organic contaminants by F and Sn co-doped TiO₂ photoelectrode [J]. *Chem. Eng. J.*, 2018, 344: 332-341.
- (8) **Dong Liu**, Renwen Tian, Jianqiao Wang, Er Nie*, Xianqing Piao, Xin Li, Zhuo Sun. Photoelectrocatalytic degradation of methylene blue using F doped TiO₂ photoelectrode under visible light irradiation [J]. *Chemosphere*, 2017, 185: 574-581.
- (9) **Dong Liu***, Chunling Li, Tianjun Ni, Ranpeng Gao, Jiayu Ge, Fengquan Zhang, Weidong Wu, Jinliang Li, Qian Zhao*. 3D interconnected porous g-C₃N₄ hybridized with Fe₂O₃ quantum dots for enhanced photo-Fenton performance [J]. *Appl. Surf. Sci.*, 2021, 555: 149677.
- (10) Tianjun Ni*, Zhibin Yang, Hui Zhang, Liping Zhou, Wei Guo, Likun Pan*, Zhijun Yang, Kaiwen Chang, Chunpo Ge, **Dong Liu***. Peroxymonosulfate activation by Co₃O₄/SnO₂ for efficient degradation of ofloxacin under visible light [J]. *J. Colloid Interf. Sci.*, 2022, 615, 650-662.
- (11) **Dong Liu***, Chunling Li, Congyue Zhao, Er Nie*, Jianqiao Wang, Jun Zhou, Qian Zhao*. Efficient dye contaminant elimination and simultaneously electricity production via a Bi-doped TiO₂ photocatalytic fuel cell [J]. *Nanomaterials*, 2022, 12: 210.
- (12) Tianjun Ni, Hui Zhang, Zhibin Yang, Liping Zhou, Likun Pan*, Chunling Li, Zhijun Yang, **Dong Liu***, Enhanced adsorption and catalytic degradation of antibiotics by porous 0D/3D Co₃O₄/g-C₃N₄ activated peroxydisulfate: An experimental and mechanistic study [J]. *J. Colloid Interf. Sci.*, 2022, 625, 466-478.
- (13) Tianjun Ni, Zhibin Yang, Hui Zhang, Liping Zhou, Wei Guo, **Dong Liu***, Kaiwen Chang, Chunpo Ge, Zhijun Yang*, Visible light assisted peroxydisulfate activation by NiO/SnO₂ composite for efficient tetracycline degradation [J]. *Appl. Surf. Sci.*, 2022, 604: 154537.
- (14) Chunling Li, Juan Yin, Bianli Cao, **Dong Liu***, Facile fabrication of 3D interconnected porous boron doped polymeric g-C₃N₄ with enhanced visible light photocatalytic hydrogen evolution and dye contaminant elimination [J]. *Ceram. Int.*, 2023, 49, 6213-6221.

(15) **Dong Liu***, Congyue Zhao, Chunling Li, Jiaojiao Jia, Minghui Chen, Likun Pan*, Yichun Bai, Weidong Wu, Tianjun Ni*, Facile fabrication of 3D hollow porous aminopyridine rings decorated polymeric carbon nitride for enhanced photocatalytic hydrogen evolution and dye elimination [J]. *J. Colloid Interf. Sci.*, 2023, 649, 334-343.

(16) Congyue Zhao, Chunling Li, Minghui Chen, Tianqi Niu, Qian Zhao, Tianjun Ni*, Dong Yan, Weidong Wu, **Dong Liu***, Effective removal of antineoplastic doxorubicin by 0D Nb₂O₅ quantum dots embedded 3D porous C-doped g-C₃N₄: Degradation mechanism, pathway and toxicity assessment [J]. *Appl. Surf. Sci.*, 2023, 612: 155861.

(17)