

1981 3



2898

18920540866

hjzhang@cauc.edu.cn

1

1999.09-2003.07

2005.09-2008.06

2010.09-2013.06

2

2003.07-2010.12

2010.12-2015.12

2015.12-2017.12

2015.01-2016.02

2018.01-2021.12

2021.12-

" " /

1 /

◆ " "

100 2021.10-2025.09

◆

20 2020.07-2022.06

◆

10 2018.10-2020.09

◆

MXene

25 2015.01-2017.12

◆

5 2013.01-2014.12

◆

470 2017.07-2020.06 6/12

2

1

- ◆ Q. Yang, Y. Jia, X. Zhou*, **H. Zhang***, Mechanically reinforced flame-retardant epoxy resins by layered double hydroxide in situ decorated carbon nanotubes. *ACS Applied Polymer Materials*, **2022**, DOI: 10.1021/acsapm.2c01110.

- ◆ W. Wang, X. Zuo, Q. Yang, H. Tang, **H. Zhang***, G. Li*, Constructing Fe/Fe₃C nanocrystals with Fe-N_x sites in Fe-N-C electrocatalyst to achieve high performance for solar cells. *Applied Catalysis B: Environmental*, **2022**, 120726.
- ◆ **H. Zhang**, K. Li, Z. Liang, M. Wang, Replacement of interlayer anion via memory effect of layered double hydroxide: A promising strategy for fabricating nanostructures with better flame-retardant performance. *Journal of Physics and Chemistry Solids*, **2022**, 170, 110932.
- ◆ J. Zhang, Z. Liang, J. Liu, Y. Wang, **H. Zhang***, M. Wang*, Preparation and performance analysis of palygorskite reinforced silicone-acrylic emulsion-based intumescent coating. *Progress in Organic Coating*, **2022**, DOI: 10.1016/j.porgcoat.2022.106801.
- ◆ M. Lian, S. Shao, M. Liu, Y. Shi, **H. Zhang***, D. Chen, Cell membrane-coated nanoparticles as peroxidase mimetics for cancer cell targeted detection and therapy. *Talanta*, **2022**, 238, 123071.
- ◆ S. Guo, **H. Zhang***, Z. Hu, B. Yang, B. Shen*, F. Dong, Composition-dependent micro-structure and photocatalytic performance of g-C₃N₄ quantum dots@SnS₂

Suppressing Performance of C₅F₁₀O (Perfluoro-3-methyl-2-butanone). *ACS Sustainable Chemistry & Engineering*, **2021**, 9, 1272-1285.

- ◆ Y. Wang, X. Wang, X. Zhang, Z. Tan, **H. Zhang***, Theoretical and experimental studies on the thermal decomposition and fire-extinguishing performance of cis-1,1,1,4,4,4-hexafluoro-2-butene, *International Journal of Quantum Chemistry*, **2020**, 120, e26160
- ◆ J. Jia, **H. Zhang***, Z. Wang, J. Zhao*, Z. Zhou*, A Cu₂B₂ monolayer with planar hypercoordinate motifs: an efficient catalyst for CO electroreduction to 40.344 (n) (c5i)-16 (p) Z0 Td

3

