

# Bin Mu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

340

citations

11

h-index

18

g-index

24

ext. papers

473

ext. citations

5.5

avg, IF

4.15

L-index

#	Paper	IF	Citations
22	Preparation and coloring mechanism of $\text{MAl}_2\text{O}_4/\text{CoAl}_2\text{O}_4$ /quartz sand (M = Ca or Ba) composite pigments. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 276, 125413	4.4	0
21	Resource and sustainable utilization of quartz sand waste by turning into cobalt blue composite pigments. <i>Ceramics International</i> , <b>2021</b> , 47, 13806-13813	5.1	5
20	Recent researches on natural pigments stabilized by clay minerals: A review. <i>Dyes and Pigments</i> , <b>2021</b> , 190, 109322	4.6	16
19	A comparative study on surface/interface mechanism and antibacterial properties of different hybrid materials prepared with essential oils active ingredients and palygorskite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 618, 126455	5.1	6
18	Reversible Thermochromic Superhydrophobic BiVO Hybrid Pigments Coatings with Self-Cleaning Performance and Environmental Stability Based on Kaolinite. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 3228-3236	9.5	4
17	Preparation of high-performance bismuth yellow hybrid pigments by doping with inorganic oxides. <i>Powder Technology</i> , <b>2020</b> , 373, 411-420	5.2	1
16	Amino-acid-assisted preparation of $\text{CoAl}_2\text{O}_4$ /kaolin hybrid pigments. <i>Applied Clay Science</i> , <b>2020</b> , 191, 105611	5.2	2
15	Preparation of effective carvacrol/attapulgite hybrid antibacterial materials by mechanical milling. <i>Journal of Porous Materials</i> , <b>2020</b> , 27, 843-853	2.4	12
14	A Comparative Study on Color Stability of Anthocyanin Hybrid Pigments Derived from 1D and 2D Clay Minerals. <i>Materials</i> , <b>2019</b> , 12,	3.5	16
13	Comparative study on photocatalytic degradation of Congo red using different clay mineral/CdS nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 5383-5392	2.1	4
12	From waste hot-pot oil as carbon precursor to development of recyclable attapulgite/carbon composites for wastewater treatment. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 75, 346-358	6.4	16
11	Acid/base reversible allochroic anthocyanin/palygorskite hybrid pigments: Preparation, stability and potential applications. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107738	4.6	19
10	Cobalt blue hybrid pigment doped with magnesium derived from sepiolite. <i>Applied Clay Science</i> , <b>2018</b> , 157, 111-120	5.2	22
9	Insights into the relationship between the color and photocatalytic property of attapulgite/CdS nanocomposites. <i>Applied Surface Science</i> , <b>2018</b> , 439, 202-212	6.7	18
8	Formation and Coloring Mechanism of Typical Aluminosilicate Clay Minerals for $\text{CoAlO}$ Hybrid Pigment Preparation. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 125	5	10
7	A facile approach to fabricate bright blue heat-resisting paint with self-cleaning ability based on $\text{CoAl}_2\text{O}_4$ /kaolin hybrid pigment. <i>Applied Clay Science</i> , <b>2018</b> , 160, 153-161	5.2	14
6	Bio-template synthesis of three-dimensional microtubular nickel-cobalt layered double hydroxide composites for energy storage. <i>Cellulose</i> , <b>2018</b> , 25, 4121-4131	5.5	4

5	All-solid-state high-energy asymmetric supercapacitor based on natural tubular fibers. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 11659-11670	4.3	10
4	Facile and green fabrication of magnetically recyclable carboxyl-functionalized attapulgite/carbon nanocomposites derived from spent bleaching earth for wastewater treatment. <i>Chemical Engineering Journal</i> , <b>2017</b> , 322, 102-114	14.7	63
3	Bright blue halloysite/CoAl <sub>2</sub> O <sub>4</sub> hybrid pigments: Preparation, characterization and application in water-based painting. <i>Dyes and Pigments</i> , <b>2017</b> , 139, 473-481	4.6	41
2	Morphology control of polyaniline by dopant grown on hollow carbon fibers as high-performance supercapacitor electrodes. <i>Cellulose</i> , <b>2017</b> , 24, 5579-5592	5.5	10
1	Facile fabrication of well-defined microtubular carbonized kapok fiber/NiO composites as electrode material for supercapacitor. <i>Electrochimica Acta</i> , <b>2016</b> , 194, 84-94	6.7	47