

Wenjie Zhang

List of Publications by Year in descending order

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66
papers

648
citations

623188

14
h-index

610482

24
g-index

66
all docs

66
docs citations

66
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	TiO ₂ /HZSM-5 nano-composite photocatalyst: HCl treatment of NaZSM-5 promotes photocatalytic degradation of methyl orange. <i>Chemical Engineering Journal</i> , 2010, 163, 62-67.	6.6	78
2	Surface modification of TiO ₂ film by iron doping using reactive magnetron sputtering. <i>Chemical Physics Letters</i> , 2003, 373, 333-337.	1.2	66
3	Phosphoric acid treating of ZSM-5 zeolite for the enhanced photocatalytic activity of TiO ₂ /HZSM-5. <i>Journal of Molecular Catalysis A</i> , 2013, 372, 6-12.	4.8	55
4	HZSM-5 zeolite supported boron-doped TiO ₂ for photocatalytic degradation of ofloxacin. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2557-2567.	2.6	40
5	Effects of indium doping on properties of xIn-0.1%Gd-TiO ₂ photocatalyst synthesized by sol-gel method. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 104, 45-51.	1.9	35
6	Effects of calcination temperature on characterization and photocatalytic activity of La ₂ Ti ₂ O ₇ supported on HZSM-5 zeolite. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3541-3546.	2.8	28
7	Role of PEG4000 in sol-gel synthesis of Sm ₂ Ti ₂ O ₇ photocatalyst for enhanced activity. <i>Journal of Alloys and Compounds</i> , 2017, 704, 26-31.	2.8	28
8	Photocatalytic degradation of ofloxacin on Gd ₂ Ti ₂ O ₇ supported on quartz spheres. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 118, 144-149.	1.9	28
9	Role of thermal treatment on sol-gel preparation of porous cerium titanate: Characterization and photocatalytic degradation of ofloxacin. <i>Materials Science in Semiconductor Processing</i> , 2018, 85, 33-39.	1.9	26
10	Effects of Al doping on properties of xAl-3%In-TiO ₂ photocatalyst prepared by a sol-gel method. <i>Materials Science in Semiconductor Processing</i> , 2015, 38, 24-30.	1.9	23
11	Sol-gel synthesis of Gd ₂ Ti ₂ O ₇ /HZSM-5 composite photocatalyst for ofloxacin degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 787-793.	2.0	22
12	A novel SrTiO ₃ /HZSM-5 photocatalyst prepared by sol-gel method. <i>Materials Letters</i> , 2015, 157, 103-105.	1.3	19
13	Sol-gel synthesize and characterization of xGd ₂ Ti ₂ O ₇ /SiO ₂ photocatalyst for ofloxacin decomposition. <i>Materials Research Bulletin</i> , 2018, 105, 55-62.	2.7	18
14	Photocatalytic degradation of azophloxine on porous La ₂ Ti ₂ O ₇ prepared by sol-gel method. <i>Solid State Sciences</i> , 2019, 87, 58-63.	1.5	16
15	Role of hydrochloric acid treated HZSM-5 zeolite in Sm ₂ Ti ₂ O ₇ /nHZSM-5 composite for photocatalytic degradation of ofloxacin. <i>Journal of Materials Research and Technology</i> , 2020, 9, 10585-10596.	2.6	15
16	Effects of PEG4000 template on sol-gel synthesis of porous cerium titanate photocatalyst. <i>Solid State Sciences</i> , 2018, 78, 16-21.	1.5	14
17	CTAB modified TiO ₂ supported on HZSM-5 zeolite for enhanced photocatalytic degradation of azophloxine. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9403-9411.	2.6	11
18	Synthesis and photocatalytic properties of porous TiO ₂ films prepared by ODA/sol-gel method. <i>Applied Surface Science</i> , 2012, 258, 2607-2611.	3.1	10

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19	Sol-gel Preparation of Hollow Spherical x%B-TiO ₂ Photocatalyst: The Effect of Boron Content on RBR X-3B Decoloration. <i>Current Nanoscience</i> , 2018, 14, 209-215.	0.7	10
20	Role of PEG2000 on sol-gel preparation of porous La ₂ Ti ₂ O ₇ for enhanced photocatalytic activity on ofloxacin degradation. <i>Materials Science in Semiconductor Processing</i> , 2019, 91, 151-158.	1.9	10
21	Polyethylene glycol in sol-gel precursor to prepare porous Gd ₂ Ti ₂ O ₇ : Enhanced photocatalytic activity on Reactive Brilliant Red X-3B degradation. <i>Materials Science in Semiconductor Processing</i> , 2020, 117, 105181.	1.9	10
22	Sol-gel Synthesis of Nano-sized TiO ₂ Supported on HZSM-5. <i>Current Nanoscience</i> , 2016, 12, 514-519.	0.7	10
23	Supporting BaTiO ₃ on iM16K glass bubbles to prepare BaTiO ₃ (x%)/iM16K hollow spheres for ofloxacin degradation. <i>Ceramics International</i> , 2020, 46, 10545-10554.	2.3	8
24	The influences of hexadecyl trimethyl ammonium bromide on lanthanum titanate photocatalyst for ofloxacin degradation. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 96, 480-488.	1.1	7
25	Influence of tetrabutylammonium hydroxide on the microstructural, optical and photocatalytic properties of sol-gel derived Gd ₂ Ti ₂ O ₇ for RBR X-3B degradation. <i>Journal of Materials Research and Technology</i> , 2021, 12, 202-209.	2.6	6
26	Sol-gel Synthesis of TiO ₂ /HZSM-5 Composite Photocatalyst on Degradation of Reactive Brilliant Red X3B. <i>Current Nanoscience</i> , 2017, 13, 292-298.	0.7	5
27	Calcination Conditions on the Properties of Porous TiO ₂ Film. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 1049-1054.	1.2	4
28	Photocatalytic Degradation of Methyl Orange on La-In co-doped TiO ₂ . <i>Current Nanoscience</i> , 2014, 10, 582-587.	0.7	4
29	Effects of Calcination on Sol-gel Synthesis of Hollow Spherical 8%B-TiO ₂ for Photocatalytic Degradation of RBR X-3B -Characterization and Activity. <i>Current Nanoscience</i> , 2019, 15, 289-295.	0.7	4
30	Sol-gel synthesis of B-TiO ₂ (20%)/HZSM-5 composite photocatalyst for azophloxine degradation. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 93, 371-379.	1.1	3
31	Titanium dioxide supported on HZSM-5 for acid red 1 photocatalytic degradation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 531-539.	0.8	3
32	Sol-gel synthesized ZnTiO ₃ /SiO ₂ composite photocatalyst for Reactive Brilliant Red X-3B degradation. <i>Ceramics International</i> , 2022, 48, 5252-5259.	2.3	3
33	Polyethylene glycol-modified sol-gel synthesis of ZnTiO ₃ (n)- quartz composite microspheres for enhanced photocatalytic degradation of Reactive Brilliant Red X-3B. <i>Ceramics International</i> , 2022, 48, 28191-28198.	2.3	3
34	Sol-gel Synthesis of La ₂ Ti ₂ O ₇ Modified with PEG4000 for the Enhanced Photocatalytic Activity. <i>Journal of Advanced Oxidation Technologies</i> , 2016, 19, .	0.5	2
35	Sol-gel Preparation and Properties of Bi ₄ Ti ₃ O ₁₂ Photocatalyst Supported on Micrometer-sized Quartz Spheres. <i>Journal of Advanced Oxidation Technologies</i> , 2016, 19, .	0.5	2
36	Photocatalytic degradation of phenol on strontium titanate supported on HZSM-5. <i>Journal of Advanced Oxidation Technologies</i> , 2017, 20, .	0.5	2

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37	Role of cetyltrimethyl ammonium bromide on sol-gel preparation of porous cerium titanate photocatalyst. Journal of Sol-Gel Science and Technology, 2018, 88, 202-210.	1.1	2
38	Effects of Thermal Treatment on Porous Cerium Titanate Photocatalyst for Ofloxacin Degradation. Journal of Nanoscience and Nanotechnology, 2019, 19, 5264-5270.	0.9	2
39	Photocatalytic degradation of Red 2G on the suspended TiO ₂ -hollow glass sphere. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 569-578.	0.8	2
40	Enhanced photocatalytic activity of gadolinium titanate on ofloxacin degradation after supporting on HZSM-5 zeolite. , 0, 152, 261-267.		2
41	Sol-gel Synthesis of a Novel $\text{Sm}_2\text{Ti}_2\text{O}_7/\text{HZSM-5}$ Composite Photocatalyst for the Promoted Activity on RBR X-3B Degradation. Current Nanoscience, 2017, 14, 17-25.	0.7	2
42	Photoelectrocatalytic Degradation of Methyl Orange in TiO ₂ Suspension-Ti Electrode System. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
43	The Effect of Boron Content on Properties of B-TiO ₂ Photocatalyst Prepared by Sol-gel Method. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	1
44	Properties of In-TiO ₂ Photocatalyst as the Factors of Indium Doping Content and Calcination Temperature. Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	1
45	Oxalic Acid Treating of ZSM-5 Zeolite for the Enhanced Photocatalytic Activity of TiO ₂ /HZSM-5. Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	1
46	Sol-gel Preparation of SrTiO ₃ Photocatalyst Loaded on HZSM-5 Zeolite. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	1
47	Effects of Calcination Temperature on Properties of 0.5%Al-3%In-TiO ₂ Photocatalyst Prepared using Sol-gel Method. Journal of Advanced Oxidation Technologies, 2016, 19, .	0.5	1
48	Indium doping in sol-gel synthesis of In-Sm co-doped In-0.05\%Sm-TiO_2 composite photocatalyst. Science and Engineering of Composite Materials, 2018, 25, 817-824.	0.6	1
49	Sol-gel Synthesis of Boron Doped TiO ₂ /hollow Glass Bubbles Composite Powders for Photocatalytic Degradation of Azophloxine. Current Nanoscience, 2021, 17, 475-483.	0.7	1
50	Porous titanium dioxide supported on glass microbubbles to prepare a low-density photocatalyst for AR1 degradation. Ceramics International, 2021, 47, 24073-24079.	2.3	1
51	Effects of Calcination Temperature on Properties of 0.3%La-3%In-TiO ₂ Photocatalyst Prepared Using Sol-Gel Method. Current Nanoscience, 2014, 11, 101-106.	0.7	1
52	Influence of anion in sodium salts on photoelectrocatalytic activity of suspended TiO ₂ . , 2010, , .		0
53	Annealing Effects on Properties of Pure and Iron Doped Nano-TiO ₂ Films Prepared by Reactive Magnetron Sputtering. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
54	Methyl Orange Degradation on TiO ₂ -FeZSM-5 Composite Photocatalyst. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0

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55	Photocatalytic degradation of methyl orange on TiO ₂ -NaZSM-5 composite. , 2010, , .		0
56	Notice of Retraction: Photocatalytic Properties of Titanium Dioxide Loaded on ZSM-5 Zeolites Modified by NaOH and NH ₄ Cl. , 2011, , .		0
57	Notice of Retraction: Photocatalytic Activity of TiO ₂ and TiO ₂ -CuZSM-5 Composite Prepared by Solid State Dispersion. , 2011, , .		0
58	Notice of Retraction: Photoelectrocatalytic Properties of Porous TiO ₂ Film Electrode in Na ₂ SO ₄ Solution. , 2011, , .		0
59	Calcination Effects on Properties of TiO ₂ /HZSM-5 Photocatalyst Using Pretreated HZSM-5 Support. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	0
60	Effects of Boron Content and Calcination Temperature on Properties of B-TiO ₂ Photocatalyst Prepared by Solvothermal Method. Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	0
61	Effects of calcination temperature on sol-gel synthesis of porous La ₂ Ti ₂ O ₇ photocatalyst on degradation of Reactive Brilliant Red X3B. Journal of Advanced Oxidation Technologies, 2017, 20, .	0.5	0
62	Low-density TiO ₂ -glass bubble composite for azophloxine degradation. Journal of Sol-Gel Science and Technology, 2021, 98, 149-157.	1.1	0
63	Enhanced Ofloxacin Degradation Efficiency on Porous CeTi ₂ O ₆ Photocatalyst - CTAB Induced Porosity. Current Nanoscience, 2021, 17, 90-97.	0.7	0
64	Effects of ZSM-5 Treatment on the Properties of Gd ₂ Ti ₂ O ₇ /HZSM-5 Composites for RBR-X3B Degradation. Particle and Particle Systems Characterization, 2021, 38, 2100118.	1.2	0
65	Effects of Calcination Temperature on Properties of 30%Gd ₂ Ti ₂ O ₇ /SiO ₂ for Photocatalytic Degradation of Ofloxacin - Gd ₂ Ti ₂ O ₇ Supported on SiO ₂ . Current Nanoscience, 2018, 14, 456-462.	0.7	0
66	The effects of ZSM-5 zeolite on ofloxacin degradation on Sm ₂ Ti ₂ O ₇ photocatalyst. Reaction Kinetics, Mechanisms and Catalysis, 0, , 1.	0.8	0