

# Duangdao Channei

## List of Publications by Year in descending order

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30  
papers

670  
citations

567281

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h-index

552781

26  
g-index

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all docs

30  
docs citations

30  
times ranked

862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coconut Fiber Decorated with Bismuth Vanadate for Enhanced Photocatalytic Activity. ACS Omega, 2022, 7, 8854-8863.	3.5	6
2	Enhanced Photocatalytic and Photokilling Activities of Cu-Doped TiO <sub>2</sub> Nanoparticles. Nanomaterials, 2022, 12, 1198.	4.1	16
3	Heterogeneous photocatalytic reduction of hexavalent chromium by modified Ag, Cu co-doped tungsten oxide nanoparticles. Journal of the Australian Ceramic Society, 2021, 57, 743.	1.9	3
4	New insight into the photocatalytic degradation of organic pollutant over BiVO <sub>4</sub> /SiO <sub>2</sub> /GO nanocomposite. Scientific Reports, 2021, 11, 4620.	3.3	18
5	Natural sunlight driven photocatalytic coupling of primary amines over TiO <sub>2</sub> /BiOBr heterojunction. Applied Surface Science, 2021, 545, 149015.	6.1	31
6	Microwave-Assisted Green Synthesis of 2,3-Dihydroquinazolinones under Base- and Catalyst-Free conditions. ChemistrySelect, 2021, 6, 4661-4669.	1.5	1
7	Novel Strategy for the Development of Antibacterial TiO <sub>2</sub> Thin Film onto Polymer Substrate at Room Temperature. Nanomaterials, 2021, 11, 1493.	4.1	12
8	Synthesis and Characterization of WO <sub>3</sub> /CeO <sub>2</sub> Heterostructured Nanoparticles for Photodegradation of Indigo Carmine Dye. ACS Omega, 2021, 6, 19771-19777.	3.5	47
9	Effect of exposed facets of bismuth vanadate, controlled by ethanolamine, on oxidative coupling of primary amines. Journal of Colloid and Interface Science, 2021, 602, 168-176.	9.4	12
10	Boosting photocatalytic coupling of amines to imines over BiOBr: Synergistic effects derived from hollow microsphere morphology. Journal of Environmental Chemical Engineering, 2021, 9, 106732.	6.7	8
11	Visible-light-driven WO <sub>3</sub> /BiOBr heterojunction photocatalysts for oxidative coupling of amines to imines: Energy band alignment and mechanistic insight. Journal of Colloid and Interface Science, 2020, 560, 213-224.	9.4	68
12	Chemophysical acetylene-sensing mechanisms of Sb <sub>2</sub> O <sub>3</sub> /NaWO <sub>4</sub> -doped WO <sub>3</sub> heterointerfaces. Physical Chemistry Chemical Physics, 2020, 22, 20482-20498.	2.8	1
13	Photocatalytic degradation of organic dye over bismuth vanadate-silicon dioxide-graphene oxide nanocomposite under visible light irradiation. Journal of the Australian Ceramic Society, 2020, 56, 1237-1241.	1.9	7
14	Synthesis, characterization and environmental applications of bismuth vanadate. Research on Chemical Intermediates, 2019, 45, 5217-5259.	2.7	32
15	Evaluating the photocatalytic efficiency of the BiVO <sub>4</sub> /rGO photocatalyst. Scientific Reports, 2019, 9, 16091.	3.3	78
16	Hybrid high-porosity rice straw infused with BiVO <sub>4</sub> nanoparticles for efficient 2-chlorophenol degradation. International Journal of Applied Ceramic Technology, 2019, 16, 1060-1068.	2.1	4
17	Preparation and characterization of Pd modified CeO <sub>2</sub> nanoparticles for photocatalytic degradation of dye. Solid State Sciences, 2019, 87, 9-14.	3.2	29
18	Controlled oxidative ageing time of graphite/graphite oxide to graphene oxide in aqueous media. Journal of the Australian Ceramic Society, 2018, 54, 91-96.	1.9	7

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19	The influence of experimental conditions on photocatalytic degradation of methylene blue using titanium dioxide particle. <i>Journal of the Australian Ceramic Society</i> , 2018, 54, 557-564.	1.9	19
20	Adsorption and Photocatalytic Processes of Mesoporous SiO <sub>2</sub> -Coated Monoclinic BiVO <sub>4</sub> . <i>Frontiers in Chemistry</i> , 2018, 6, 415.	3.6	17
21	Photocatalytic degradation of dye using CeO <sub>2</sub> /SCB composite catalysts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 218-224.	3.9	28
22	Expression Analysis of Genes Related to Rice Resistance Against Brown Planthopper, Nilaparvata lugens. <i>Rice Science</i> , 2017, 24, 163-172.	3.9	30
23	Fabrication of Eco-Green Brick by Using of Vetiver Grass as Feldspar Replacement. <i>Materials Science Forum</i> , 2017, 890, 391-395.	0.3	0
24	Influence of graphene oxide on photocatalytic enhancement of cerium dioxide. <i>Materials Letters</i> , 2017, 209, 43-47.	2.6	19
25	Preparation of Activated Carbon from Sugarcane Bagasse Waste for the Adsorption Equilibrium and Kinetics of Basic Dye. <i>Key Engineering Materials</i> , 2017, 751, 671-676.	0.4	11
26	Photocatalytic Activity of Cu-Doped Cerium Dioxide Nanoparticles. <i>Key Engineering Materials</i> , 2017, 751, 801-806.	0.4	5
27	Photocatalytic Degradation of Organic Dye under UV- $\alpha$ Irradiation Using TiO <sub>2</sub> @Vetiver Multifunctional Nano Particles. <i>Materials</i> , 2017, 10, 122.	2.9	25
28	Aqueous and Surface Chemistries of Photocatalytic Fe-Doped CeO <sub>2</sub> Nanoparticles. <i>Catalysts</i> , 2017, 7, 45.	3.5	54
29	Photocatalytic activity of the binary composite CeO <sub>2</sub> /SiO <sub>2</sub> for degradation of dye. <i>Applied Surface Science</i> , 2016, 387, 214-220.	6.1	75
30	Effect of iron doping on the structural and optical properties of CeO <sub>2</sub> films. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 51-58.	2.4	7