

Osi Arutanti

List of Publications by Year in descending order

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14
papers

346
citations

1040056

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h-index

1372567

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g-index

14
all docs

14
docs citations

14
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of spherical macroporous WO ₃ particles and their high photocatalytic performance. Chemical Engineering Science, 2013, 101, 523-532.	3.8	68
2	Influences of Porous Structurization and Pt Addition on the Improvement of Photocatalytic Performance of WO ₃ Particles. ACS Applied Materials & Interfaces, 2015, 7, 3009-3017.	8.0	66
3	Synthesis of composite WO ₃ /TiO ₂ nanoparticles by flame-assisted spray pyrolysis and their photocatalytic activity. Journal of Alloys and Compounds, 2014, 591, 121-126.	5.5	53
4	Controllable crystallite and particle sizes of WO ₃ particles prepared by a spray pyrolysis method and their photocatalytic activity. AIChE Journal, 2014, 60, 41-49.	3.6	40
5	Influences of Surface Charge, Size, and Concentration of Colloidal Nanoparticles on Fabrication of Self-Organized Porous Silica in Film and Particle Forms. Langmuir, 2013, 29, 6262-6270.	3.5	36
6	Tailored synthesis of macroporous Pt/WO ₃ photocatalyst with nanoaggregates via flame assisted spray pyrolysis. AIChE Journal, 2016, 62, 3864-3873.	3.6	28
7	A novel system for producing photocatalytic titanium dioxide-coated fibers for decomposing organic pollutants in water. Environmental Progress and Sustainable Energy, 2013, 32, 42-51.	2.3	16
8	Correlations between Reduction Degree and Catalytic Properties of WO _x Nanoparticles. ACS Omega, 2018, 3, 8963-8970.	3.5	16
9	Design and Application of Homogeneous-structured TiO ₂ /Activated Carbon Nanocomposite for Adsorption-Photocatalytic Degradation of MO. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	11
10	Advanced Degradation of Lignin from Palm Oil Mill Effluent (POME) by a Combination of Photocatalytic-Fenton Treatment and TiO ₂ Nanoparticle as the Catalyst. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	7
11	Optimization of Coating Temperature of TiO ₂ Nanoparticles on the Polypropylene Copolymer Surface for Photodegradation of Methylene Blue. , 2011, , .		4
12	Design of Hot Roll Press to Fabricate TiO ₂ -Coated Fiber for Decomposing Rhodamine B in Water. Materials Science Forum, 0, 737, 33-36.	0.3	1
13	A Novel Method for Synthesis of TiO ₂ Nanoparticles-coated Plastic Fibers Using a Vibration Method and the Use of Coated Fibers as Photocatalytic Materials for Decomposing of Organic Pollutant in Water under Sunlight Illumination. , 2010, , .		0
14	Characterization and Mechanisms of a New Carbonaceous Adsorbent Based on Black Liquor Loaded with Iron Oxide for Removal of Triphosphate Ions. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	0