

# Osi Arutanti

## List of Publications by Year in descending order

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14  
papers

346  
citations

1040056

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1372567

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docs citations

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times ranked

426  
citing authors

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