

# Rui Shi

## List of Publications by Year in descending order

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17  
papers

2,942  
citations

687363

13  
h-index

940533

16  
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all docs

17  
docs citations

17  
times ranked

4520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical exfoliation of graphitic carbon nitride for efficient heterogeneous photocatalysis. Journal of Materials Chemistry A, 2013, 1, 14766.	10.3	1,080
2	Enhancement of photocurrent and photocatalytic activity of ZnO hybridized with graphite-like C3N4. Energy and Environmental Science, 2011, 4, 2922.	30.8	1,005
3	Origin of Photocatalytic Activation of Silver Orthophosphate from First-Principles. Journal of Physical Chemistry C, 2011, 115, 4680-4687.	3.1	259
4	Photocatalytic Activity Enhancement for Bi <sub>2</sub> WO <sub>6</sub> by Fluorine Substitution. Journal of Physical Chemistry C, 2009, 113, 19633-19638.	3.1	189
5	Visible-Light Photocatalytic Degradation of BiTaO <sub>4</sub> Photocatalyst and Mechanism of Photocorrosion Suppression. Journal of Physical Chemistry C, 2010, 114, 6472-6477.	3.1	117
6	Zn <sub>3</sub> V <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> and Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> nanostructures: controlled fabrication and photocatalytic performance. Journal of Materials Chemistry, 2011, 21, 6313.	6.7	67
7	Influence of ZnWO <sub>4</sub> nanorod aspect ratio on the photocatalytic activity. CrystEngComm, 2011, 13, 4695.	2.6	50
8	Graphene oxide bound silica for solid-phase extraction of 14 polycyclic aromatic hydrocarbons in mainstream cigarette smoke. Journal of Chromatography A, 2015, 1375, 1-7.	3.7	48
9	Controllable synthesis of Fe <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH)·2H <sub>2</sub> O as a highly efficient heterogeneous Fenton-like catalyst. CrystEngComm, 2011, 13, 6688.	2.6	31
10	Graphene oxide induced multi-layered six-petal flower-shaped rare earth Tb <sup>3+</sup> hybrid luminescent material: synthesis, characterization, luminescence and fluorescence anti-counterfeiting properties. Journal of Materials Chemistry C, 2020, 8, 2336-2342.	5.5	20
11	High photocatalytic activity of oxychloride CaBiO <sub>2</sub> Cl under visible light irradiation. CrystEngComm, 2012, 14, 6257.	2.6	18
12	Enhancement of visible light photocatalytic performances of Bi <sub>2</sub> MoS <sub>2</sub> O <sub>4</sub> nanoplates. Catalysis Science and Technology, 2013, 3, 1757.	4.1	15
13	A nanohybrid self-assembled from exfoliated layered vanadium oxide nanosheets and Keggin Al <sub>13</sub> for selective catalytic oxidation of alcohols. Dalton Transactions, 2020, 49, 2559-2569.	3.3	13
14	Green synthesis of Ag/TiO <sub>2</sub> composite coated porous vanadophosphates with enhanced visible-light photo-degradation and catalytic reduction performance for removing organic dyes. Dalton Transactions, 2020, 49, 7920-7931.	3.3	10
15	Separable magnetic MoS <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> nanocomposites with multi-exposed active edge facets toward enhanced adsorption and catalytic activities. Journal of Materials Science, 2021, 56, 5015-5030.	3.7	10
16	Calcined ZnTi <sub>2</sub> Cl <sub>2</sub> Layered Double Hydroxide Intercalated with H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> with Efficiently Photocatalytic and Adsorption Performances. Chemistry - A European Journal, 2021, 27, 16670-16681.	3.3	8
17	Porphyrin Functionalized Laser-Induced Graphene and Porous WO <sub>3</sub> Assembled Effective Z-Scheme Photocatalyst for Promoted Visible-Light-Driven Degradation of Ciprofloxacin. Catalysis Letters, 0, 1.	2.6	2