

Kangkai Hu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

124
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible photochromic properties of $\text{Ti}_2\text{O}_3(\text{H}_2\text{O})_2(\text{C}_2\text{O}_4)\cdot\text{H}_2\text{O}$ material. <i>ChemNanoMat</i> , 2022, 8, e202100407.	2.8	0
2	Effect of reactant sequence on the structure and properties of self-assembled TiO_2 microspheres with exposed {001} surfaces. <i>CrystEngComm</i> , 2021, 23, 724-729.	2.6	2
3	Photocatalytic Degradation Mechanism of the Visible-Light Responsive $\text{BiVO}_4/\text{TiO}_2$ Core-Shell Heterojunction Photocatalyst. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 775-788.	3.7	21
4	Simple synthesis of 3D flower-like $\text{g-C}_3\text{N}_4/\text{TiO}_2$ composite microspheres for enhanced visible-light photocatalytic activity. <i>Journal of Materials Science</i> , 2020, 55, 151-162.	3.7	35
5	$\text{g-C}_3\text{N}_4/\text{TiO}_2$ composite microspheres: <i>in situ</i> growth and high visible light catalytic activity. <i>CrystEngComm</i> , 2020, 22, 7104-7112.	2.6	15
6	Characteristics and performance of rutile/anatase/brookite TiO_2 and $\text{Ti}_2\text{O}_3(\text{H}_2\text{O})_2(\text{C}_2\text{O}_4)\cdot\text{H}_2\text{O}$ multiphase mixed crystal for the catalytic degradation of emerging contaminants. <i>CrystEngComm</i> , 2020, 22, 1086-1095.	2.6	16
7	Direct Z-scheme Janus-Shaped Heterojunction of TiO_2 and $\text{Ti}_2\text{O}_3(\text{H}_2\text{O})_2(\text{C}_2\text{O}_4)\cdot\text{H}_2\text{O}$: A Novel Photocatalyst or Photoanode. <i>ChemistrySelect</i> , 2020, 5, 3892-3896.	1.5	5
8	Composition, morphology, structure and photocatalytic performances of photocatalysts prepared from titanium potassium oxalate. <i>Solid State Sciences</i> , 2019, 88, 36-40.	3.2	8
9	Controllable synthesis and formation mechanism of 3D flower-like TiO_2 microspheres. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10277-10283.	2.2	6
10	Hydrothermal synthesis of a rutile/anatase TiO_2 mixed crystal from potassium titanyl oxalate: crystal structure and formation mechanism. <i>CrystEngComm</i> , 2018, 20, 3363-3369.	2.6	16