

Lei E

List of Publications by Year in descending order

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papers

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840776

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18
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The p-n heterojunction of BiVO ₄ /Cu ₂ O was decorated by plasma Ag NPs for efficient photoelectrochemical degradation of Rhodamine B. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 633, 127834.	4.7	19
2	Reversible photochromic properties of Ti ₂ O ₃ (H ₂ O) ₂ (C ₂ O ₄)·H ₂ O material. <i>ChemNanoMat</i> , 2022, 8, e202100407.	2.8	0
3	Morphological Control and Hydrophilic Properties of TiO ₂ Nanorod/Nanotube Films by Hydrothermal Method. <i>Journal of Electronic Materials</i> , 2022, 51, 4565-4579.	2.2	1
4	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
5	One-step hydrothermal preparation of TiO ₂ nanosheet array for superhydrophilicity performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 5156-5164.	2.2	0
6	Photocatalytic Degradation Mechanism of the Visible-Light Responsive BiVO ₄ /TiO ₂ Core-Shell Heterojunction Photocatalyst. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 775-788.	3.7	21
7	Simple synthesis of 3D flower-like g-C ₃ N ₄ /TiO ₂ composite microspheres for enhanced visible-light photocatalytic activity. <i>Journal of Materials Science</i> , 2020, 55, 151-162.	3.7	35
8	A facile hydrothermal synthesis and properties of TiO ₂ nanosheet array films. <i>Materials Research Express</i> , 2020, 7, 015053.	1.6	5
9	g-C ₃ N ₄ /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
10	Characteristics and performance of rutile/anatase/brookite TiO ₂ and TiO ₂ ·Ti ₂ O ₃ (H ₂ O) ₂ (C ₂ O ₄)·H ₂ O multiphase mixed crystal for the catalytic degradation of emerging contaminants. <i>CrystEngComm</i> , 2020, 22, 1086-1095.	2.6	16
11	Enhancement in the charge transport and photocorrosion stability of CuO photocathode: The synergistic effect of spatially separated dual-cocatalysts and p-n heterojunction. <i>Chemical Engineering Journal</i> , 2020, 394, 124907.	12.7	58
12	Direct Z-scheme Janus-Shaped Heterojunction of TiO ₂ ·Ti ₂ O ₃ (H ₂ O) ₂ (C ₂ O ₄)·H ₂ O: A Novel Photocatalyst or Photoanode. <i>ChemistrySelect</i> , 2020, 5, 3892-3896.	1.5	5
13	Exposing the photocorrosion mechanism and control strategies of a CuO photocathode. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2488-2499.	6.0	59
14	A high-efficiency and stable cupric oxide photocathode coupled with Al surface plasmon resonance and Al ₂ O ₃ self-passivation. <i>Chemical Communications</i> , 2019, 55, 15093-15096.	4.1	20
15	The effect of SiO ₂ on TiO ₂ -SiO ₂ composite film for self-cleaning application. <i>Surfaces and Interfaces</i> , 2019, 16, 194-198.	3.0	34
16	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
17	Hydrothermal synthesis of a rutile/anatase TiO ₂ mixed crystal from potassium titanyle oxalate: crystal structure and formation mechanism. <i>CrystEngComm</i> , 2018, 20, 3363-3369.	2.6	16
18	Preparation and activity evaluation of TiO ₂ /Cu-TiO ₂ composite catalysts. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 322-331.	2.4	17