

Graham Dawson

List of Publications by Year in descending order

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33
papers

2,350
citations

687363

13
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414414

32
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all docs

34
docs citations

34
times ranked

3678
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Preparation of Mn _{0.2} Cd _{0.8} ⊂Diethylenetriamine/Porous g-C ₃ N ₄ S⊂Scheme Heterojunction with Enhanced Photocatalytic Hydrogen Production. <i>Advanced Sustainable Systems</i> , 2023, 7, .	5.3	32
2	Heterostructure nanocomposite with local surface plasmon resonance effect enhanced photocatalytic activity⊂a critical review. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 043002.	2.8	13
3	Enhanced photocatalytic activity of brown H ₄ Nb ₆ O ₁₇ /g-C ₃ N ₄ composite for visible-light driven H ₂ O ₂ production. <i>Energy Advances</i> , 2022, 1, 169-176.	3.3	4
4	Uniform arrays of centre-type topological domains in epitaxial ferroelectric thin films. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3071-3080.	5.5	11
5	In-situ fabrication of Bi ₂ S ₃ /BiVO ₄ /Mn _{0.5} Cd _{0.5} -DETA ternary S-scheme heterostructure with effective interface charge separation and CO ₂ reduction performance. <i>Journal of Materials Science and Technology</i> , 2022, 117, 109-119.	10.7	83
6	Efficient solar-driven CO ₂ reduction on aminated 2D/2D BiOBr/CdS-diethylenetriamine S-scheme heterojunction. <i>Ceramics International</i> , 2022, 48, 8423-8432.	4.8	25
7	Microwave-assisted synthesis of organic⊂inorganic hybrid porous g-C ₃ N ₄ /CdS⊂diethylenetriamine S-scheme heterojunctions with enhanced visible light hydrogen production. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 244001.	2.8	5
8	Branch-like Cd Zn ₁ -Se/Cu ₂ O@Cu step-scheme heterojunction for CO ₂ photoreduction. <i>Materials Today Physics</i> , 2022, 26, 100729.	6.0	31
9	Inorganic-organic hybrid photocatalysts: Syntheses, mechanisms, and applications. <i>Chinese Journal of Catalysis</i> , 2022, 43, 2111-2140.	14.0	49
10	Construction of 1D/2D W ₁₈ O ₄₉ /Porous g-C ₃ N ₄ S-Scheme Heterojunction with Enhanced Photocatalytic H ₂ Evolution. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2021, .	4.9	33
11	Excellent surface enhanced Raman properties of titanate nanotube-dopamine-Ag triad through efficient substrate design and LSPR matching. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21603-21610.	2.2	3
12	Characterisation and control of cementitious mixes with colour pigment admixtures. <i>Case Studies in Construction Materials</i> , 2021, 15, e00571.	1.7	2
13	Plasmonic enhanced Cu ₂ O-Au-BFO photocathodes for solar hydrogen production. <i>Scientific Reports</i> , 2019, 9, 5140.	3.3	16
14	SERS of Trititanate Nanotubes: Selective Enhancement of Catechol Compounds. <i>ChemistrySelect</i> , 2018, 3, 8338-8343.	1.5	3
15	The photocathodic properties of a Fe ₂ O ₃ wrapped CuFeO ₂ layer on ITO glass for water splitting. <i>Chemical Physics</i> , 2018, 513, 241-245.	1.9	7
16	Morphology dependent adsorption of methylene blue on trititanate nanoplates and nanotubes prepared by the hydrothermal treatment of TiO ₂ . <i>Water Science and Technology</i> , 2017, 75, 350-357.	2.5	1
17	MoS ₂ /Au-Sensitized TiO ₂ Nanotube Arrays with Core⊂Shell Nanostructure for Hydrogen Production. <i>Nano</i> , 2017, 12, 1750115.	1.0	1
18	Dopamine Surface Modification of Trititanate Nanotubes: Proposed In⊂Situ Structure Models. <i>Chemistry - A European Journal</i> , 2016, 22, 6071-6074.	3.3	14

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19	Development of UV-LED/TiO ₂ Device and Their Application for Photocatalytic Degradation of Methylene Blue. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 1035-1040.	2.5	45
20	Mass Production and Reusable Photocatalytic Activity of ZnS Microspheres. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 204-208.	0.4	0
21	The toxicity evaluation of nano-trititanate with bactericidal properties in vitro. <i>Nanotoxicology</i> , 2012, 6, 327-337.	3.0	10
22	Dopamine-Modified Trititanate Nanotubes with UV and Visible Light Photocatalytic Activity: Coordinative Self-Assembly into a Recyclable Absorber. <i>ChemCatChem</i> , 2012, 4, 1133-1138.	3.7	11
23	The shape-specific photocatalytic efficiency of quantum size TiO ₂ nanoparticles. <i>Catalysis Communications</i> , 2012, 21, 1-4.	3.3	12
24	Large scale preparing carbon nanotube/zinc oxide hybrid and its application for highly reusable photocatalyst. <i>Chemical Engineering Journal</i> , 2012, 191, 571-578.	12.7	127
25	Easy and Large Scale Synthesis Silver Nanodendrites: Highly Effective Filler for Isotropic Conductive Adhesives. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 353-357.	2.5	7
26	Accelerated electron beam induced breakdown of commercial WO ₃ into nanorods in the presence of triethylamine. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 20923.	2.8	12
27	Simple pyrolysis of urea into graphitic carbon nitride with recyclable adsorption and photocatalytic activity. <i>Journal of Materials Chemistry</i> , 2011, 21, 14398.	6.7	1,410
28	Anatase nanocrystals with {103} and {112} facets by hydrothermal transformation of titanate nanotubes. <i>Micro and Nano Letters</i> , 2011, 6, 675.	1.3	2
29	A study on the effect of starting material phase on the production of trititanate nanotubes. <i>Solid State Sciences</i> , 2010, 12, 2170-2176.	3.2	24
30	Thermal rearrangement of thiocarbonyl-stabilised triphenylphosphonium ylides leading to (Z)-1-diphenylphosphino-2-phenylsulfenylalkenes. <i>Chemical Communications</i> , 2009, , 7381.	4.1	6
31	Kinetic and mechanistic study on the thermal reactivity of stabilized phosphorus ylides, part 3: [(Acetyl)(arylcabamoyl)methylene]triphenylphosphoranes and [(alkoxycarbonyl)(arylcabamoyl)methylene]triphenylphosphoranes and their thiocarbamoyl analogues. <i>International Journal of Chemical Kinetics</i> , 2007, 39, 6-16.	1.6	7
32	Synthesis, thermal reactivity and kinetics of substituted [(benzoyl)(phenylcabamoyl)methylene]triphenylphosphoranes and their thiocarbamoyl analogues. <i>Tetrahedron</i> , 2005, 61, 129-135.	1.9	13
33	Formation Mechanism of H ₂ Ti ₃ O ₇ Nanotubes. <i>Physical Review Letters</i> , 2003, 91, 256103.	7.8	331