

Yaoming Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12103856/publications.pdf>

Version: 2024-02-01

26
papers

1,537
citations

304743

22
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

3068
citing authors

#	ARTICLE	IF	CITATIONS
1	A modified two-step sequential deposition method for preparing perovskite CH ₃ NH ₃ PbI ₃ solar cells. RSC Advances, 2016, 6, 42377-42381.	3.6	22
2	Synthesis, Crystal Structure, and Photoelectric Properties of a New Layered Bismuth Oxysulfide. Inorganic Chemistry, 2015, 54, 5768-5773.	4.0	49
3	Enhanced Performance of Perovskite CH ₃ NH ₃ PbI ₃ Solar Cell by Using CH ₃ NH ₃ I as Additive in Sequential Deposition. ACS Applied Materials & Interfaces, 2015, 7, 12937-12942.	8.0	80
4	Organic-inorganic halide perovskite based solar cells – revolutionary progress in photovoltaics. Inorganic Chemistry Frontiers, 2015, 2, 315-335.	6.0	70
5	Efficiency Enhancement of Cu(In,Ga)Se ₂ Solar Cells by Applying SiO ₂ -PEG/PVP Antireflection Coatings. Journal of Materials Science and Technology, 2015, 31, 229-234.	10.7	16
6	Broadband antireflection TiO ₂ -SiO ₂ stack coatings with refractive-index-grade structure and their applications to Cu(In,Ga)Se ₂ solar cells. Solar Energy Materials and Solar Cells, 2014, 130, 505-512.	6.2	46
7	A facile molecular precursor-based Cu(In,Ga)(S,Se) ₂ solar cell with 8.6% efficiency. Journal of Materials Chemistry A, 2014, 2, 13237.	10.3	21
8	Scotch-tape-like exfoliation of graphite assisted with elemental sulfur and graphene-sulfur composites for high-performance lithium-sulfur batteries. Energy and Environmental Science, 2013, 6, 1283.	30.8	246
9	New facile synthesis of TiO ₂ hollow sphere with an opening hole and its enhanced rate performance in lithium-ion batteries. New Journal of Chemistry, 2013, 37, 784.	2.8	29
10	Cr incorporation in Cu ₂ GaS ₂ chalcopyrite: A new intermediate-band photovoltaic material with wide-spectrum solar absorption. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1098-1102.	1.8	65
11	Red-Emitting Ca ₉ Al(PO ₄) ₇ :Ce ³⁺ , Mn ²⁺ Phosphor with Energy Transfer Prepared by Solid State Reaction. ECS Journal of Solid State Science and Technology, 2012, 1, R57-R61.	1.8	23
12	CuSbSe ₂ -assisted sintering of CuInSe ₂ at low temperature. Journal of Materials Science, 2012, 47, 7085-7089.	3.7	23
13	Phase-Controlled Synthesis of Cobalt Sulfides for Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2012, 4, 4246-4250.	8.0	165
14	Effect of structural packing on the luminescence properties in tungsten bronze compounds M ₂ KNb ₅ O ₁₅ (M=Ca, Sr, Ba). Journal of Solid State Chemistry, 2012, 192, 182-185.	2.9	29
15	The intrinsically red luminescence of tungsten bronze compound Eu ₂ Nb ₅ O ₁₅ for light emitting diodes. Materials Letters, 2012, 88, 119-121.	2.6	5
16	One-Step High-Temperature Solvothermal Synthesis of TiO ₂ /Sulfide Nanocomposite Spheres and Their Solar Visible-Light Applications. ACS Applied Materials & Interfaces, 2012, 4, 306-311.	8.0	60
17	Hydrogen flame synthesis of few-layer graphene from a solid carbon source on hexagonal boron nitride. Journal of Materials Chemistry, 2012, 22, 2859.	6.7	27
18	Novel red phosphor of double perovskite compound La ₂ MgTiO ₆ :xEu ³⁺ . Journal of Luminescence, 2012, 132, 1701-1704.	3.1	57

#	ARTICLE	IF	CITATIONS
19	Quasi-linear dependence of cation filling on the photocatalysis of A_xBO_3 -based tunnel compounds. Dalton Transactions, 2011, 40, 6906.	3.3	15
20	Excellent red phosphors of double perovskite $Ca_2LaMO_6:Eu$ (M=Sb, Nb, Ta) with distorted coordination environment. Journal of Solid State Chemistry, 2011, 184, 3324-3328.	2.9	78
21	Biomolecule-Assisted Route to Prepare Titania Mesoporous Hollow Structures. Chemistry - A European Journal, 2011, 17, 11535-11541.	3.3	34
22	A General Preparation Strategy for Hybrid TiO_2 Hierarchical Spheres and Their Enhanced Solar Energy Utilization Efficiency. Advanced Materials, 2010, 22, 3719-3722.	21.0	103
23	Highly Surface-Textured ZnO:Al Films Fabricated by Controlling the Nucleation and Growth Separately for Solar Cell Applications. ACS Applied Materials & Interfaces, 2010, 2, 2147-2152.	8.0	41
24	Structure-dependent photocatalytic activities of MWO_4 (M=Ca, Sr, Ba). Journal of Molecular Catalysis A, 2009, 302, 54-58.	4.8	103
25	Photocatalytic activity of a sillenite-type material Bi_25GaO_39 . Catalysis Communications, 2008, 9, 572-576.	3.3	34
26	Photocatalytic activities of $M_2Sb_2O_7$ (M=Ca, Sr) for degrading methyl orange. Applied Catalysis A: General, 2006, 313, 218-223.	4.3	94