

Qi Pang

List of Publications by Year in descending order

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36
papers

1,054
citations

471509

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32
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docs citations

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times ranked

1337
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Luminescence and Ce ³⁺ Tb ³⁺ Eu ³⁺ Energy Transfer of Broadband-Excited and Narrow Line Red Emitting Y ₂ SiO ₅ :Ce ³⁺ , Tb ³⁺ , Eu ³⁺ Phosphor. Journal of Physical Chemistry C, 2014, 118, 7591-7598.	3.1	211
2	Core/shell cable-like Ni ₃ S ₂ nanowires/N-doped graphene-like carbon layers as composite electrocatalyst for overall electrocatalytic water splitting. Chemical Engineering Journal, 2020, 401, 126045.	12.7	134
3	Spinel NiCo ₂ O ₄ 3-D nanoflowers supported on graphene nanosheets as efficient electrocatalyst for oxygen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 16120-16131.	7.1	99
4	Synthesis, photoluminescence and Judd-Ofelt analysis of red LiGd ₅ P ₂ O ₁₃ :Eu ³⁺ phosphors for white LEDs. RSC Advances, 2015, 5, 54622-54628.	3.6	68
5	Bandgap Engineering of Lead-Free Double Perovskite Cs ₂ AgInCl ₆ Nanocrystals via Cu ²⁺ -Doping. Journal of Physical Chemistry Letters, 2020, 11, 8392-8398.	4.6	68
6	Incorporating iron in nickel cobalt layered double hydroxide nanosheet arrays as efficient oxygen evolution electrocatalyst. Electrochimica Acta, 2019, 317, 684-693.	5.2	36
7	Hybrid organic-inorganic lead bromide perovskite supercrystals self-assembled with L-cysteine and their good luminescence properties. Journal of Materials Chemistry C, 2018, 6, 10994-11001.	5.5	33
8	Synthesis and characterization of activated 3D graphene via catalytic growth and chemical activation for electrochemical energy storage in supercapacitors. Electrochimica Acta, 2019, 324, 134878.	5.2	32
9	Highly stable and efficient hybrid perovskite solar cells improved with conductive polyanilines. Materials Research Bulletin, 2018, 106, 35-39.	5.2	31
10	Multiple-shell ZnSe core-shell spheres and their improved photocatalytic activity. Journal of Colloid and Interface Science, 2017, 502, 1-7.	9.4	28
11	Boosting the photocatalytic activity of mesoporous SrTiO ₃ for nitrogen fixation through multiple defects and strain engineering. Journal of Materials Chemistry A, 2020, 8, 22251-22256.	10.3	28
12	Pb(II) detection and versatile bio-imaging of green-emitting carbon dots with excellent stability and bright fluorescence. Nanoscale, 2021, 13, 2472-2480.	5.6	26
13	Highly Stable Hybrid Perovskite Solar Cells Modified with Polyethylenimine via Ionic Bonding. ChemNanoMat, 2018, 4, 649-655.	2.8	25
14	Design and preparation of three-dimensional hetero-electrocatalysts of NiCo-layered double hydroxide nanosheets incorporated with silver nanoclusters for enhanced oxygen evolution reactions. Nanoscale, 2021, 13, 11150-11160.	5.6	25
15	Synthesis of a Broad-Band Excited and Multicolor Tunable Phosphor Gd ₂ SiO ₅ :Ce ³⁺ , Tb ³⁺ , Eu ³⁺ for Near-Ultraviolet Light-Emitting Diodes. Industrial & Engineering Chemistry Research, 2014, 53, 6694-6698.	3.7	24
16	Novel Broadband Excited and Linear Red-Emitting Ba ₂ Y(BO ₃) ₃ Cl:Eu ³⁺ Phosphor: Luminescence and Energy Transfer. Journal of the American Ceramic Society, 2014, 97, 2124-2129.	3.8	24
17	Controllable preparation of nitrogen-doped graphitized carbon from molecular precursor as non-metal oxygen evolution reaction electrocatalyst. Applied Surface Science, 2019, 491, 723-734.	6.1	24
18	One-pot preparation of Ni ₃ S ₂ @3-D graphene free-standing electrode by simple Q-CVD method for efficient oxygen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 30806-30819.	7.1	17

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19	Enhanced Photoluminescence of All-Inorganic Manganese Halide Perovskite-Analogue Nanocrystals by Lead Ion Incorporation. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10204-10211.	4.6	16
20	Highly Emissive and Stable Cs ₂ AgInCl ₆ Double Perovskite Nanocrystals by Bi ³⁺ Doping and Potassium Bromide Surface Passivation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18372-18379.	3.1	15
21	Three-dimensional core-shell CoFe Prussian blue analog at NiCoFe layered ternary hydroxide electrocatalyst for efficient oxygen evolution reaction. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	13
22	Synthesis and Characterization of TiO ₂ Nanotubes Sensitized with CdS Quantum Dots Using a One-Step Method. <i>Journal of Electronic Materials</i> , 2015, 44, 22-27.	2.2	12
23	A structure-activity controllable synthesis of skeletal CuAlZn catalyst for hydrogenation of bicarbonate to formic acid in water. <i>Journal of CO₂ Utilization</i> , 2017, 20, 218-223.	6.8	11
24	Synthesis and characterization of polythiophene-modified TiO ₂ nanotube arrays. <i>Bulletin of Materials Science</i> , 2011, 34, 1173-1177.	1.7	10
25	Controllable preparation of N-doped Ni ₃ S ₂ nanocubes@N-doped graphene-like carbon layers for highly active electrocatalytic overall water splitting. <i>Electrochimica Acta</i> , 2021, 399, 139408.	5.2	10
26	Fabrication of CdSe Nano-Tetrapod Sensitized TiO ₂ Nanotube Arrays for Quantum Dot-Sensitized Solar Cell Applications. <i>Integrated Ferroelectrics</i> , 2012, 137, 165-172.	0.7	6
27	Facile fabrication of rGO/CNT hybrid fibers for high-performance flexible supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12147-12157.	2.2	6
28	Enhanced Photoluminescence and Stability of CH ₃ NH ₃ PbBr ₃ Perovskite Nanocrystals with Protonated Melamine. <i>ChemNanoMat</i> , 2018, 4, 409-416.	2.8	6
29	Preparation and characteristics of nanotetrapods CdSe-polymer hybrid solar cells. <i>Bulletin of Materials Science</i> , 2013, 36, 1161-1164.	1.7	5
30	Investigating the Growth Mechanism of CdSe Nano-Tetrapods. <i>Integrated Ferroelectrics</i> , 2012, 137, 98-104.	0.7	3
31	Modulating optical properties and interfacial electron transfer of CsPbBr ₃ perovskite nanocrystals via indium ion and chlorine ion co-doping. <i>Journal of Chemical Physics</i> , 2021, 155, 234701.	3.0	3
32	Synthesis and photoluminescence properties of MZr ₂ (PO ₄) ₃ :Eu ³⁺ ; Bi ³⁺ (M=Na; K) phosphors. <i>Open Physics</i> , 2012, 10, .	1.7	2
33	Synthesis and Characterization of High Efficiency and Stable Spherical Ag ₃ PO ₄ Visible Light Photocatalyst for the Degradation of Methylene Blue Solutions. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-6.	2.7	2
34	Photoluminescent Properties of SrTiO ₃ :Pr, Al Nanophosphors Synthesized by Microemulsion?Microwave Heating. <i>Journal of the American Ceramic Society</i> , 2007, 90, 070926022312004-???	3.8	1
35	CONTROLLED SYNTHESIS OF ZNO NANOTETRAPODS AND PERFORMANCE OF ZNO NANOTETRAPODS BASED DYESENSITIZED SOLAR CELLS. , 2012, , .		0
36	Study on Properties of CdxSn(1-x)S/CH ₃ NH ₃ PbI ₃ Co-Sensitized Solar Cells Prepared Under Ambient Air Atmosphere. <i>Journal of Electronic Materials</i> , 0, , 1.	2.2	0