

Joeseph Bright

List of Publications by Year in descending order

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19
papers

1,703
citations

567144

15
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

3278
citing authors

#	ARTICLE	IF	CITATIONS
1	Ag@Cu ₂ O Core-Shell Nanoparticles as Visible-Light Plasmonic Photocatalysts. ACS Catalysis, 2013, 3, 47-51.	5.5	471
2	Photocatalytic Water Oxidation by Hematite/Reduced Graphene Oxide Composites. ACS Catalysis, 2013, 3, 746-751.	5.5	226
3	Controlling Plasmon-Induced Resonance Energy Transfer and Hot Electron Injection Processes in Metal@TiO ₂ Core-Shell Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 16239-16244.	1.5	219
4	Effects of Defects on Photocatalytic Activity of Hydrogen-Treated Titanium Oxide Nanobelts. ACS Catalysis, 2017, 7, 1742-1748.	5.5	173
5	Plasmonic hot electrons for sensing, photodetection, and solar energy applications: A perspective. Journal of Chemical Physics, 2020, 152, 220901.	1.2	141
6	Chemical interaction and enhanced interfacial ion transport in a ceramic nanofiber-polymer composite electrolyte for all-solid-state lithium metal batteries. Journal of Materials Chemistry A, 2020, 8, 7261-7272.	5.2	85
7	A Single-Ion Conducting UiO-66 Metal-Organic Framework Electrolyte for All-Solid-State Lithium Batteries. ACS Applied Energy Materials, 2020, 3, 4007-4013.	2.5	83
8	Metal-organic framework coated titanium dioxide nanorod array in heterojunction photoanode for solar water-splitting. Nano Research, 2019, 12, 643-650.	5.8	73
9	Functionalization of a Metal-Organic Framework Semiconductor for Tuned Band Structure and Catalytic Activity. Journal of the Electrochemical Society, 2019, 166, H3029-H3034.	1.3	44
10	Polymer-ceramic composite electrolytes for all-solid-state lithium batteries: Ionic conductivity and chemical interaction enhanced by oxygen vacancy in ceramic nanofibers. Journal of Power Sources, 2021, 495, 229796.	4.0	40
11	Visible-Light Localized Surface Plasmon Resonance of WO ₃ Nanosheets and Its Photocatalysis Driven by Plasmonic Hot Carriers. ACS Sustainable Chemistry and Engineering, 2021, 9, 1500-1506.	3.2	39
12	Tunable Visible-Light Surface Plasmon Resonance of Molybdenum Oxide Thin Films Fabricated by E-beam Evaporation. ACS Applied Electronic Materials, 2019, 1, 2389-2395.	2.0	27
13	Distinguishing surface effects of gold nanoparticles from plasmonic effect on photoelectrochemical water splitting by hematite. Journal of Materials Research, 2016, 31, 1608-1615.	1.2	25
14	Visible-Light Bismuth Iron Molybdate Photocatalyst for Artificial Nitrogen Fixation. Journal of the Electrochemical Society, 2019, 166, H3091-H3096.	1.3	19
15	Investigation of band gap narrowing in nitrogen-doped La ₂ Ti ₂ O ₇ with transient absorption spectroscopy. Physical Chemistry Chemical Physics, 2015, 17, 31039-31043.	1.3	15
16	3D printing of an anode scaffold for lithium batteries guided by mixture design-based sequential learning. Journal of Materials Processing Technology, 2021, 295, 117159.	3.1	15
17	Nitrogen-Doped Lithium Lanthanum Titanate Nanofiber-Polymer Composite Electrolytes for All-Solid-State Lithium Batteries. Journal of the Electrochemical Society, 2021, 168, 110507.	1.3	8
18	Photoelectrochemical Water Splitting of Metal Oxide Photoanode Enhanced with a Cerium(III/IV) Redox Mediator. ECS Meeting Abstracts, 2017, , .	0.0	0

#	ARTICLE	IF	CITATIONS
19	Evaluation of Material Properties and Performance of Zinc Ferrite (ZnFe ₂ O ₄) for Photoelectrochemical Water-Splitting. ECS Meeting Abstracts, 2017, , .	0.0	0