

Biswajit Bhattacharyya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8384478/publications.pdf>

Version: 2024-02-01

16
papers

343
citations

1307594

7
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of Methylammonium Dipoles in MAPbX ₃ (X = Br and I). Journal of Physical Chemistry Letters, 2017, 8, 4113-4121.	4.6	103
2	CuFeS ₂ Quantum Dots and Highly Luminescent CuFeS ₂ Based Core/Shell Structures: Synthesis, Tunability, and Photophysics. Journal of the American Chemical Society, 2016, 138, 10207-10213.	13.7	80
3	Picosecond Electron Transfer from Quantum Dots Enables a General and Efficient Aerobic Oxidation of Boronic Acids. ACS Catalysis, 2018, 8, 5206-5211.	11.2	35
4	Why Does CuFeS ₂ Resemble Gold?. Journal of Physical Chemistry Letters, 2018, 9, 696-701.	4.6	31
5	Efficient Photosynthesis of Organics from Aqueous Bicarbonate Ions by Quantum Dots Using Visible Light. ACS Energy Letters, 2018, 3, 1508-1514.	17.4	26
6	Optical Transparency Enabled by Anomalous Stokes Shift in Visible Light-Emitting CuAlS ₂ -Based Quantum Dots. Journal of Physical Chemistry Letters, 2018, 9, 4451-4456.	4.6	24
7	Optical Signatures of Impurity–Impurity Interactions in Copper Containing II–VI Alloy Semiconductors. Journal of Physical Chemistry Letters, 2018, 9, 635-640.	4.6	7
8	Ultrafast spectroscopic investigation of the artificial photosynthetic activity of CuAlS ₂ /ZnS quantum dots. Nano Select, 2021, 2, 958-966.	3.7	7
9	Temporal evolution of radiative rate reveals the localization of holes in CuInS ₂ -based quantum dots. Nano Futures, 2018, 2, 045007.	2.2	6
10	Electronic Structure Insights into the Tunable Luminescence of CuAl _x Fe _{1-x} S ₂ /ZnS Nanocrystals. Journal of Physical Chemistry C, 2021, 125, 2511-2518.	3.1	6
11	Tuning radiative lifetimes in semiconductor quantum dots. Journal of Chemical Physics, 2021, 154, 074707.	3.0	5
12	Electronic Structure and Spectroscopy of II–VI Nanocrystals: A Perspective. Journal of Physical Chemistry C, 2022, 126, 7364-7373.	3.1	5
13	Unconventional properties of engineered Au–Ag nanostructures. Superconductor Science and Technology, 2022, 35, 084001.	3.5	4
14	Optical Properties and Electronic Structure of Copper Zinc Sulfide Nanocrystals. Journal of Physical Chemistry C, 2021, 125, 17890-17896.	3.1	3
15	Spectroscopic Insights into the Electronic Structure of Copper Iron Sulfide Nanocrystals. , 0, , .		0
16	Copper Iron Chalcogenide Nanocrystals: Spectroscopy and Devices. , 0, , .		0