Yufeng Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6250556/publications.pdf

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13	1,153	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	1375
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Harnessing the properties of colloidal quantum dots in luminescent solar concentrators. Chemical Society Reviews, 2018, 47, 5866-5890.	38.1	169
2	Near Infrared, Highly Efficient Luminescent Solar Concentrators. Advanced Energy Materials, 2016, 6, 1501913.	19.5	161
3	Perovskite quantum dots integrated in large-area luminescent solar concentrators. Nano Energy, 2017, 37, 214-223.	16.0	155
4	Colloidal carbon dots based highly stable luminescent solar concentrators. Nano Energy, 2018, 44, 378-387.	16.0	150
5	Heavy metal-free, near-infrared colloidal quantum dots for efficient photoelectrochemical hydrogen generation. Nano Energy, 2017, 31, 441-449.	16.0	116
6	Absorption Enhancement in â€œGiantâ€•Core/Alloyed-Shell Quantum Dots for Luminescent Solar Concentrator. Small, 2016, 12, 5354-5365.	10.0	112
7	Highly Stable Colloidal â€œGiantâ€•Quantum Dots Sensitized Solar Cells. Advanced Functional Materials, 2017, 27, 1701468.	14.9	92
8	Nearâ€Infrared, Heavy Metalâ€Free Colloidal â€œGiantâ€•Core/Shell Quantum Dots. Advanced Energy Materials, 2018, 8, 1701432.	19.5	90
9	Heterostructured quantum dot architectures for efficient and stable photoelectrochemical hydrogen production. Journal of Materials Chemistry A, 2018, 6, 6822-6829.	10.3	44
10	Ultrasmall Nanoplatelets: The Ultimate Tuning of Optoelectronic Properties. Advanced Energy Materials, 2017, 7, 1602728.	19.5	30
11	Green synthesis of near infrared core/shell quantum dots for photocatalytic hydrogen production. Nanotechnology, 2016, 27, 495405.	2.6	25
12	Electron transfer in a semiconductor heterostructure interface through electrophoretic deposition and a linker-assisted method. CrystEngComm, 2020, 22, 1664-1673.	2.6	8
13	Solar Concentrators: Absorption Enhancement in â€œGiantâ€•Core/Alloyed-Shell Quantum Dots for Luminescent Solar Concentrator (Small 38/2016). Small, 2016, 12, 5368-5368.	10.0	1