

Daniel Franke

List of Publications by Year in descending order

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16
papers

2,116
citations

706676

14
h-index

1051228

16
g-index

18
all docs

18
docs citations

18
times ranked

3430
citing authors

#	ARTICLE	IF	CITATIONS
1	Seedless Continuous Injection Synthesis of Indium Phosphide Quantum Dots as a Route to Large Size and Low Size Dispersy. <i>Chemistry of Materials</i> , 2020, 32, 6532-6539.	3.2	22
2	Scalable Synthesis of InAs Quantum Dots Mediated through Indium Redox Chemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 4088-4092.	6.6	42
3	Single Nanocrystal Spectroscopy of Shortwave Infrared Emitters. <i>ACS Nano</i> , 2019, 13, 1042-1049.	7.3	16
4	Increasing the penetration depth of temporal focusing multiphoton microscopy for neurobiological applications. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 264001.	1.3	10
5	A Ligand System for the Flexible Functionalization of Quantum Dots via Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4652-4656.	7.2	28
6	A Ligand System for the Flexible Functionalization of Quantum Dots via Click Chemistry. <i>Angewandte Chemie</i> , 2018, 130, 4742-4746.	1.6	7
7	Shortwave infrared fluorescence imaging with the clinically approved near-infrared dye indocyanine green. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4465-4470.	3.3	498
8	Brown adipose tissue thermogenic adaptation requires Nrf1-mediated proteasomal activity. <i>Nature Medicine</i> , 2018, 24, 292-303.	15.2	154
9	Absorption by water increases fluorescence image contrast of biological tissue in the shortwave infrared. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9080-9085.	3.3	89
10	Next-generation in vivo optical imaging with short-wave infrared quantum dots. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	490
11	Flavylium Polymethine Fluorophores for Near- and Shortwave Infrared Imaging. <i>Angewandte Chemie</i> , 2017, 129, 13306-13309.	1.6	47
12	Flavylium Polymethine Fluorophores for Near- and Shortwave Infrared Imaging. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13126-13129.	7.2	301
13	Characterization of Indium Phosphide Quantum Dot Growth Intermediates Using MALDI-TOF Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2016, 138, 13469-13472.	6.6	101
14	Continuous injection synthesis of indium arsenide quantum dots emissive in the short-wavelength infrared. <i>Nature Communications</i> , 2016, 7, 12749.	5.8	209
15	Near-Infrared Temporal Focusing Microscopy with Quantum Dot Fluorophores. , 2016, , .		0
16	The Unexpected Influence of Precursor Conversion Rate in the Synthesis of III-V Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14299-14303.	7.2	71