

Yoonsang Park

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

604
citations

840585

11
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable Nitrogen-Doped Carbon Nanodots for Non-Invasive Photoacoustic Imaging and Photothermal Therapy. <i>Theranostics</i> , 2016, 6, 2196-2208.	4.6	138
2	Multifunctional Photonic Nanomaterials for Diagnostic, Therapeutic, and Theranostic Applications. <i>Advanced Materials</i> , 2018, 30, 1701460.	11.1	137
3	Biocompatible nitrogen-doped carbon dots: synthesis, characterization, and application. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8935-8951.	2.9	75
4	High Color-Purity Green, Orange, and Red Light-Emitting Diodes Based on Chemically Functionalized Graphene Quantum Dots. <i>Scientific Reports</i> , 2016, 6, 24205.	1.6	72
5	Photoluminescent and biodegradable porous silicon nanoparticles for biomedical imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6271-6292.	2.9	45
6	Dual-Color-Emitting Carbon Nanodots for Multicolor Bioimaging and Optogenetic Control of Ion Channels. <i>Advanced Science</i> , 2017, 4, 1700325.	5.6	31
7	Energy-Filtered Acceleration of Charge-Carrier Transport in Organic Thermoelectric Nanocomposites. <i>Chemistry of Materials</i> , 2021, 33, 4853-4862.	3.2	28
8	Multifunctional hyaluronate nanoparticle hybrid systems for diagnostic, therapeutic and theranostic applications. <i>Journal of Controlled Release</i> , 2019, 303, 55-66.	4.8	24
9	Defect-Induced Fluorescence of Silica Nanoparticles for Bioimaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44247-44256.	4.0	13
10	Unraveling the origin of near-infrared emission in carbon dots by ultrafast spectroscopy. <i>Carbon</i> , 2022, 188, 229-237.	5.4	12
11	Oxygen-less Carbon Nanodots with an Absolute Quantum Yield of 80% for Display Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 2462-2469.	2.4	9
12	Radiative and Non-Radiative Decay Pathways in Carbon Nanodots toward Bioimaging and Photodynamic Therapy. <i>Nanomaterials</i> , 2022, 12, 70.	1.9	6
13	Highly Luminescent Organic Nanorods from Air Oxidation of <i>para</i> -Substituted Anilines for Freestanding Deep-Red Color Filters. <i>Advanced Optical Materials</i> , 2018, 6, 1800577.	3.6	2
14	Carbon Nanodots: Dual-Color-Emitting Carbon Nanodots for Multicolor Bioimaging and Optogenetic Control of Ion Channels (<i>Adv. Sci.</i> 11/2017). <i>Advanced Science</i> , 2017, 4, .	5.6	0