

Kok Ken Chan

List of Publications by Year in descending order

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18
papers

874
citations

840119

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docs citations

18
times ranked

1420
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocarbons for Biology and Medicine: Sensing, Imaging, and Drug Delivery. <i>Chemical Reviews</i> , 2019, 119, 9559-9656.	23.0	368
2	Biogreen Synthesis of Carbon Dots for Biotechnology and Nanomedicine Applications. <i>Nano-Micro Letters</i> , 2018, 10, 72.	14.4	133
3	Carbon Dot-functionalized Interferometric Optical Fiber Sensor for Detection of Ferric Ions in Biological Samples. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28546-28553.	4.0	59
4	Biodegradable Polymer-Coated Multifunctional Graphene Quantum Dots for Light-Triggered Synergetic Therapy of Pancreatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2768-2781.	4.0	58
5	Biodegradable nanocarriers for small interfering ribonucleic acid (siRNA) co-delivery strategy increase the chemosensitivity of pancreatic cancer cells to gemcitabine. <i>Nano Research</i> , 2017, 10, 3049-3067.	5.8	47
6	A facile synthesis of label-free carbon dots with unique selectivity-tunable characteristics for ferric ion detection and cellular imaging applications. <i>New Journal of Chemistry</i> , 2019, 43, 4734-4744.	1.4	47
7	NIR-responsive nanomaterials and their applications; upconversion nanoparticles and carbon dots: a perspective. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1519-1528.	1.6	37
8	Water-Stable All-Inorganic Perovskite Nanocrystals with Nonlinear Optical Properties for Targeted Multiphoton Bioimaging. <i>ACS Applied Nano Materials</i> , 2021, 4, 9022-9033.	2.4	29
9	Advanced Near-Infrared Light-Responsive Nanomaterials as Therapeutic Platforms for Cancer Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1800090.	1.6	27
10	Carbon Allotrope-Based Optical Fibers for Environmental and Biological Sensing: A Review. <i>Sensors</i> , 2020, 20, 2046.	2.1	21
11	Water-stable Perovskite Quantum Dots-based FRET Nanosensor for the Detection of Rhodamine 6G in Water, Food, and Biological Samples. <i>Microchemical Journal</i> , 2022, 180, 107624.	2.3	13
12	Ultra-small v-shaped gold split ring resonators for biosensing using fundamental magnetic resonance in the visible spectrum. <i>Nanotechnology</i> , 2017, 28, 405305.	1.3	11
13	Two-Dimensional MoS ₂ Nanosheet-Functionalized Optical Microfiber for Room-Temperature Volatile Organic Compound Detection. <i>ACS Applied Nano Materials</i> , 2021, 4, 13440-13449.	2.4	10
14	Tunable Optical Vortex from a Nanogroove-Structured Optofluidic Microlaser. <i>Nano Letters</i> , 2022, 22, 1425-1432.	4.5	8
15	Solid State Carbon Dots-Based Sensor Using Optical Microfiber for Ferric Ion Detection. , 2019, , .		3
16	A First Study of the Kinetics of Metal Ion Adsorption at Solid/Liquid Interface using Evanescent Wave-based Optical Microfiber. <i>IEEE Sensors Journal</i> , 2020, , 1-1.	2.4	2
17	Factors Influencing Metal Binding Efficiency at Solid/Liquid Interface: An Investigation for the Prediction of Heavy Metal Ion Sensing Performance. , 2019, , .		1
18	Miniaturized Fluidic Devices and Their Biophotonic Applications. , 2017, , 893-939.		0