

Tak H Kim

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

372
citations

933264

10
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dots functionalized by organosilane with double-sided anchoring for nanomolar Hg ²⁺ detection. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 28-34.	5.0	67
2	Salt-embedded carbon nanodots as a UV and thermal stable fluorophore for light-emitting diodes. <i>Journal of Luminescence</i> , 2014, 154, 1-7.	1.5	59
3	Yellow-Emitting Carbon Nanodots and Their Flexible and Transparent Films for White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33102-33111.	4.0	43
4	Circulating tumour cells: a broad perspective. <i>Journal of the Royal Society Interface</i> , 2020, 17, 2020065.	1.5	37
5	Anomalous Fluorescence Enhancement from Double Heterostructure 3D Colloidal Photonic Crystals—A Multifunctional Fluorescence-Based Sensor Platform. <i>Scientific Reports</i> , 2015, 5, 14439.	1.6	35
6	Advancement in materials for energy-saving lighting devices. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 13-26.	2.3	27
7	Amine-rich carbon nanodots as a fluorescence probe for methamphetamine precursors. <i>Analytical Methods</i> , 2015, 7, 6869-6876.	1.3	25
8	Selective toxicity of hydroxyl-rich carbon nanodots for cancer research. <i>Nano Research</i> , 2018, 11, 2204-2216.	5.8	24
9	Experimental demonstration of vanadium-doped nanostructured ceria for enhanced solar thermochemical syngas production. <i>Nano Energy</i> , 2021, 81, 105639.	8.2	16
10	Cancer biomarker profiling using nanozyme containing iron oxide loaded with gold particles. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200180.	1.5	16
11	Bulk synthesis of graphene-like materials possessing turbostratic graphite and graphene nanodomains via combustion of magnesium in carbon dioxide. <i>Carbon</i> , 2019, 149, 582-586.	5.4	8
12	Combating Antibiotic-Resistant Gram-Negative Bacteria Strains with Tetracycline-Conjugated Carbon Nanoparticles. <i>Advanced Biology</i> , 2020, 4, 2000074.	3.0	7
13	Apparent thermal conductivity of photoluminescent C-dot nanofluid. <i>Journal of Molecular Liquids</i> , 2019, 286, 110948.	2.3	4
14	Batch Effect Adjustment to Lower the Drug Attrition Rate of MCF-7 Breast Cancer Cells Exposed to Silica Nanomaterial-Derived Scaffolds. <i>Assay and Drug Development Technologies</i> , 2021, 19, 46-61.	0.6	2
15	Profiling the Neoplasm Microenvironment of Silica Nanomaterial-Derived Scaffolds of Single, 2-, and 3-Composite Systems. <i>Assay and Drug Development Technologies</i> , 2021, 19, 191-203.	0.6	1
16	A Computational Comparative Study for the Spectroscopic Evaluation of Triazine Derivative Dyes in Implicit Solvation Model Systems Using Semi-Empirical and Time-Dependent Density Functional Theory Approaches. <i>Australian Journal of Chemistry</i> , 2021, 74, 856.	0.5	1
17	A Study on the UV- and Thermo- Stability of Organosilane-Functionalized Carbon Dots Films. <i>Advanced Materials Research</i> , 0, 557-559, 739-742.	0.3	0