

Tak H Kim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

245
citations

8
h-index

15
g-index

19
ext. papers

314
ext. citations

5.5
avg, IF

3.07
L-index

#	Paper	IF	Citations
17	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	9.3	53
16	Salt-embedded carbon nanodots as a UV and thermal stable fluorophore for light-emitting diodes. <i>Journal of Luminescence</i> , 2014 , 154, 1-7	3.8	47
15	Yellow-Emitting Carbon Nanodots and Their Flexible and Transparent Films for White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33102-33111	9.5	32
14	Anomalous Fluorescence Enhancement from Double Heterostructure 3D Colloidal Photonic Crystals--A Multifunctional Fluorescence-Based Sensor Platform. <i>Scientific Reports</i> , 2015 , 5, 14439	4.9	25
13	Amine-rich carbon nanodots as a fluorescence probe for methamphetamine precursors. <i>Analytical Methods</i> , 2015 , 7, 6869-6876	3.2	20
12	Advancement in materials for energy-saving lighting devices. <i>Frontiers of Chemical Science and Engineering</i> , 2012 , 6, 13-26	4.5	20
11	Selective toxicity of hydroxyl-rich carbon nanodots for cancer research. <i>Nano Research</i> , 2018 , 11, 2204-2216	10.6	15
10	Circulating tumour cells: a broad perspective. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200065	4.1	10
9	Experimental demonstration of vanadium-doped nanostructured ceria for enhanced solar thermochemical syngas production. <i>Nano Energy</i> , 2021 , 81, 105639	17.1	7
8	Cancer biomarker profiling using nanozyme containing iron oxide loaded with gold particles. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200180	4.1	6
7	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	10.4	4
6	Combating Antibiotic-Resistant Gram-Negative Bacteria Strains with Tetracycline-Conjugated Carbon Nanoparticles. <i>Advanced Biology</i> , 2020 , 4, e2000074	3.5	4
5	Apparent thermal conductivity of photoluminescent C-dot nanofluid. <i>Journal of Molecular Liquids</i> , 2019 , 286, 110948	6	2
4	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	1.2	0
3	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	2.1	0
2	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	2.1	0
1	A Study on the UV- and Thermo- Stability of Organosilane-Functionalized Carbon Dots Films. <i>Advanced Materials Research</i> , 2012 , 557-559, 739-742	0.5	

