

Tak H Kim

List of Publications by Year in Descending Order

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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 | 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 |
| 16 | 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 |
| 15 | Experimental demonstration of vanadium-doped nanostructured ceria for enhanced solar thermochemical syngas production. <i>Nano Energy</i> , 2021 , 81, 105639 | 17.1 | 7 |
| 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 | 2.1 | 0 |
| 13 | 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 |
| 12 | Circulating tumour cells: a broad perspective. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200065 | 4.1 | 10 |
| 11 | Combating Antibiotic-Resistant Gram-Negative Bacteria Strains with Tetracycline-Conjugated Carbon Nanoparticles. <i>Advanced Biology</i> , 2020 , 4, e2000074 | 3.5 | 4 |
| 10 | Apparent thermal conductivity of photoluminescent C-dot nanofluid. <i>Journal of Molecular Liquids</i> , 2019 , 286, 110948 | 6 | 2 |
| 9 | 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 |
| 8 | Selective toxicity of hydroxyl-rich carbon nanodots for cancer research. <i>Nano Research</i> , 2018 , 11, 2204-2216 | 10.6 | 15 |
| 7 | 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 |
| 6 | Amine-rich carbon nanodots as a fluorescence probe for methamphetamine precursors. <i>Analytical Methods</i> , 2015 , 7, 6869-6876 | 3.2 | 20 |
| 5 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | Advancement in materials for energy-saving lighting devices. <i>Frontiers of Chemical Science and Engineering</i> , 2012 , 6, 13-26 | 4.5 | 20 |
| 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 | |

