

Richard Anthony Harris

List of Publications by Year in descending order

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papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Recent developments in computational and experimental studies of physicochemical properties of Au and Ag nanostructures on cellular uptake and nanostructure toxicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130170.	2.4	5
2	The PEGylated and non-PEGylated interaction of the anticancer drug 5-fluorouracil with paramagnetic Fe ₃ O ₄ nanoparticles as drug carrier. <i>Journal of Molecular Liquids</i> , 2022, 360, 119515.	4.9	8
3	Simulation study on the physicochemical properties of Fe ₃ O ₄ nanoparticles as drug delivery vehicles for dopamine replacement therapy of Parkinson's disease. <i>Materials Today Communications</i> , 2022, 31, 103829.	1.9	3
4	Structural properties and luminescence dynamics of CaZrO ₃ :Eu ³⁺ phosphors. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 821-836.	6.0	24
5	Group-Targeting SERS Screening of Total Benzodiazepines Based on Large-Size (111) Faceted Silver Nanosheets Decorated with Zinc Oxide Nanoparticles. <i>Analytical Chemistry</i> , 2021, 93, 3403-3410.	6.5	24
6	Synthesis of silver incorporated lithium doped zinc oxide nanocomposites for in-vitro biorational evaluation of Candidiasis and Cryptococcosis. <i>Applied Surface Science</i> , 2020, 506, 144800.	6.1	1
7	Selective Synthesis of Monodisperse CoO Nanooctahedra as Catalysts for Electrochemical Water Oxidation. <i>Langmuir</i> , 2020, 36, 13804-13816.	3.5	16
8	Computational study of ZIF-8 analogues with electron donating and withdrawing groups for CO ₂ adsorption. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109613.	4.4	10
9	Biomolecular assisted synthesis and mechanism of silver and gold nanoparticles. <i>Materials Research Express</i> , 2019, 6, 082009.	1.6	24
10	Chemotherapy drug temozolomide adsorbed onto iron-oxide (Fe ₃ O ₄) nanoparticles as nanocarrier: A simulation study. <i>Journal of Molecular Liquids</i> , 2019, 288, 111084.	4.9	19
11	Local Structure and Spectroscopic Properties of Eu ³⁺ -Doped BaZrO ₃ . <i>Inorganic Chemistry</i> , 2019, 58, 3073-3089.	4.0	34
12	Photoluminescence of metal-imidazolates complexes with Cd(II), Zn(II), Co(II) and Ni(II) cation nodes and 2-methylimidazole organic linker. <i>Journal of Luminescence</i> , 2019, 207, 454-459.	3.1	23
13	Surface enhanced Raman scattering with methyl-orange on Ag-TiO ₂ nanocomposites: A computational investigation. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 87, 220-226.	2.4	6
14	Optimizing the Binding Energy of the Surfactant to Iron Oxide Yields Truly Monodisperse Nanoparticles. <i>Langmuir</i> , 2018, 34, 6582-6590.	3.5	28
15	Synthesis and evaluation of optical and antimicrobial properties of Ag-SnO ₂ nanocomposites. <i>Physica B: Condensed Matter</i> , 2018, 535, 338-343.	2.7	18
16	Computational and experimental evaluation of selective substitution of thiolated coumarin derivatives on gold nanoparticles: Surface enhancing Raman scattering and electrochemical studies. <i>Applied Surface Science</i> , 2017, 396, 695-704.	6.1	7
17	Modeling the band gap of CdS quantum well structures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 84, 415-422.	2.7	3
18	Embedded plasmonic nanostructures: synthesis, fundamental aspects and their surface enhanced Raman scattering applications. <i>International Reviews in Physical Chemistry</i> , 2016, 35, 353-398.	2.3	58

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19	Analysis of the Interaction of Surfactants Oleic Acid and Oleylamine with Iron Oxide Nanoparticles through Molecular Mechanics Modeling. <i>Langmuir</i> , 2015, 31, 3934-3943.	3.5	106
20	Simulated Adsorbance of 11-Aminoundecanoic Acid to Stabilise Fe ₃ O ₄ Nanoparticles. <i>Materials Today: Proceedings</i> , 2015, 2, 4167-4181.	1.8	0
21	Engineered Inorganic/Organic-Core/Shell Magnetic Fe _x O _y Nanoparticles with Oleic Acid and/or Oleylamine As Capping Agents. <i>Current Pharmaceutical Design</i> , 2015, 21, 5369-5388.	1.9	11
22	Molecular dynamics study on iron oxide nanoparticles stabilised with Sebacic Acid and 1,10-Decanediol surfactants. <i>Journal of Molecular Structure</i> , 2013, 1048, 18-26.	3.6	27