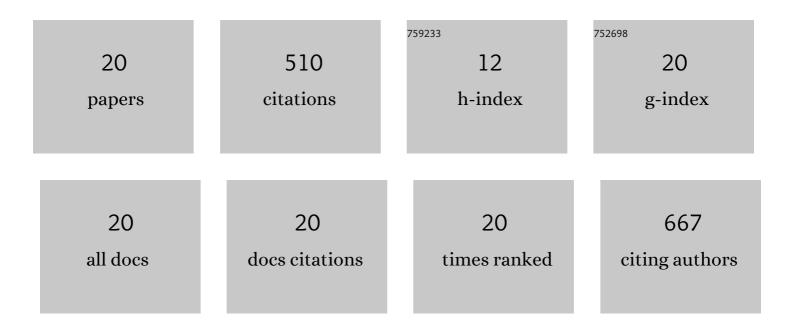
Krishnamoorthy Shanmugaraj

List of Publications by Year in descending order

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Krishnamoorthy

#	Article	IF	CITATIONS
1	Gold nanoparticle–decorated earth-abundant clay nanotubes as catalyst for the degradation of phenothiazine dyes and reduction of 4-(4-nitrophenyl)morpholine. Environmental Science and Pollution Research, 2023, 30, 124447-124458.	5.3	7
2	Catalytic production of anilines by nitro-compounds hydrogenation over highly recyclable platinum nanoparticles supported on halloysite nanotubes. Catalysis Today, 2022, 394-396, 510-523.	4.4	10
3	Catalytic pyrolysis of used tires on noble-metal-based catalysts to obtain high-value chemicals: Reaction pathways. Catalysis Today, 2022, 394-396, 475-485.	4.4	16
4	Noble metal nanoparticles supported on titanate nanotubes as catalysts for selective hydrogenation of nitroarenes. Catalysis Today, 2022, 392-393, 93-104.	4.4	14
5	Gold nanoparticles supported on mesostructured oxides for the enhanced catalytic reduction of 4-nitrophenol in water. Catalysis Today, 2022, 388-389, 383-393.	4.4	19
6	FriedlÃ ¤ der Synthesis of Novel Polycyclic Quinolines Using Solid SiO2/H2SO4 Catalyst. Organic Preparations and Procedures International, 2021, 53, 138-144.	1.3	8
7	Valorization of Waste Tires via Catalytic Fast Pyrolysis Using Palladium Supported on Natural Halloysite. Industrial & Engineering Chemistry Research, 2021, 60, 18806-18816.	3.7	7
8	Insight into the binding and conformational changes of hemoglobin/lysozyme with bimetallic alloy nanoparticles using various spectroscopic approaches. Journal of Molecular Liquids, 2020, 300, 111747.	4.9	10
9	Liquid Phase Hydrogenation of Pharmaceutical Interest Nitroarenes over Gold-Supported Alumina Nanowires Catalysts. Materials, 2020, 13, 925.	2.9	11
10	Colorimetric determination of cysteamine based on the aggregation of polyvinylpyrrolidone-stabilized silver nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 236, 118281.	3.9	16
11	Inner filter effect based selective detection of picric acid in aqueous solution using green luminescent copper nanoclusters. New Journal of Chemistry, 2018, 42, 7223-7229.	2.8	62
12	Histidine-Stabilized Copper Nanoclusters as a Fluorescent Probe for Selective and Sensitive Determination of Vitamin B12. Journal of Analysis and Testing, 2018, 2, 168-174.	5.1	7
13	Elucidation of Binding Mechanism of Photodynamic Therapeutic Agent Toluidine Blue O with Chicken Egg White Lysozyme by Spectroscopic and Molecular Dynamics Studies. Photochemistry and Photobiology, 2017, 93, 1043-1056.	2.5	12
14	Visual and optical detection of hypochlorite in water samples based on etching of gold/silver alloy nanoparticles. New Journal of Chemistry, 2017, 41, 14130-14136.	2.8	23
15	Concentration Dependent Catalytic Activity of Glutathione Coated Silver Nanoparticles for the Reduction of 4-Nitrophenol and Organic Dyes. Journal of Cluster Science, 2017, 28, 1009-1023.	3.3	30
16	A "turn-off―fluorescent sensor for the selective and sensitive detection of copper(<scp>ii</scp>) ions using lysozyme stabilized gold nanoclusters. RSC Advances, 2016, 6, 54518-54524.	3.6	22
17	Colorimetric determination of sulfide using chitosan-capped silver nanoparticles. Mikrochimica Acta, 2016, 183, 1721-1728.	5.0	81
18	Unraveling the binding interaction of Toluidine blue O with bovine hemoglobin – a multi spectroscopic and molecular modeling approach. RSC Advances, 2015, 5, 3930-3940.	3.6	21

#	Article	IF	CITATIONS
19	Probing the binding interaction of thionine with lysozyme: A spectroscopic and molecular docking investigation. Dyes and Pigments, 2015, 112, 210-219.	3.7	84
20	Exploring the biophysical aspects and binding mechanism of thionine with bovine hemoglobin by optical spectroscopic and molecular docking methods. Journal of Photochemistry and Photobiology B: Biology, 2014, 131, 43-52.	3.8	50