

Vinoth Kumar Gujuluva Gangatharan

List of Publications by Year in descending order

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18
papers

717
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516710

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times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible NIR fluorescent probes for Cu ²⁺ ions detection and its living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3235-3247.	7.8	91
2	Synthesis, spectral, DFT calculation, sensor, antimicrobial and DNA binding studies of Co(II), Cu(II) and Zn(II) metal complexes with 2-amino benzimidazole Schiff base. <i>Journal of Molecular Structure</i> , 2020, 1206, 127725.	3.6	89
3	A reversible fluorescent chemosensor for the rapid detection of Hg ²⁺ in an aqueous solution: Its logic gates behavior. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 305-315.	7.8	73
4	A Schiff base receptor as a fluorescence turn-on sensor for Ni ²⁺ ions in living cells and logic gate application. <i>New Journal of Chemistry</i> , 2018, 42, 2865-2873.	2.8	59
5	DNA interaction, antimicrobial, antioxidant and anticancer studies on Cu(II) complexes of Luotonin A. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 20-28.	3.8	55
6	An efficient ratiometric fluorescent chemosensor for the selective detection of Hg ²⁺ ions based on phosphonates: its live cell imaging and molecular keypad lock applications. <i>Analytical Methods</i> , 2019, 11, 901-916.	2.7	53
7	A simple pyrazine based ratiometric fluorescent sensor for Ni ²⁺ ion detection. <i>Dyes and Pigments</i> , 2020, 173, 107897.	3.7	42
8	Turn-on fluorescence sensor for selective detection of fluoride ion and its molecular logic gates behavior. <i>Journal of Molecular Liquids</i> , 2020, 317, 113913.	4.9	38
9	Bio-active mixed ligand Cu(II) and Zn(II) complexes of pyrimidine derivative Schiff base: DFT calculation, antimicrobial, antioxidant, DNA binding, anticancer and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3012-3024.	3.5	34
10	New heteroleptic Zn(II) complexes of thiosemicarbazone and diimine Co-Ligands: Structural analysis and their biological impacts. <i>Journal of Molecular Structure</i> , 2018, 1153, 1-11.	3.6	29
11	A quinoline based Schiff base as a turn-on fluorescence chemosensor for selective and robust detection of Cd ²⁺ ion in semi-aqueous medium. <i>Microchemical Journal</i> , 2021, 164, 106030.	4.5	29
12	A simple triphenylamine based turn-off fluorescent sensor for copper (II) ion detection in semi-aqueous solutions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 427, 113850.	3.9	27
13	Spectroscopic, Computational, Antimicrobial, DNA Interaction, In Vitro Anticancer and Molecular Docking Properties of Biochemically Active Cu(II) and Zn(II) Complexes of Pyrimidine-Ligand. <i>Journal of Fluorescence</i> , 2018, 28, 975-985.	2.5	25
14	A simple pyridine based fluorescent chemosensor for selective detection of copper ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120395.	3.9	25
15	Synthesis, spectral characterization, theoretical, antimicrobial, DNA interaction and in vitro anticancer studies of Cu(II) and Zn(II) complexes with pyrimidine-morpholine based Schiff base ligand. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 416-426.	5.2	23
16	Synthesis, physicochemical characterization and structural studies of new Schiff base ligand and its metal (II) complexes: <i>in silico</i> molecular docking analysis, antimicrobial activity and cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4538.	3.5	17
17	Synthesis, spectroscopic and crystal structure of nickel(II) complex of thiosemicarbazone based Schiff base: Antimicrobial, anticancer and molecular docking studies. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108850.	3.9	7
18	Facile preparation of highly dispersed copper promoted cobalt catalyst supported on alumina nanospheres. <i>Materials Letters</i> , 2021, 286, 129221.	2.6	1