

Gunasekaran Raja

List of Publications by Year in descending order

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15
papers

260
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, spectral characterization, DNA interaction, radical scavenging and cytotoxicity studies of ruthenium(II) hydrazone complexes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 158, 164-173.	3.8	34
2	Evaluation of DNA binding, DNA cleavage, protein binding, radical scavenging and in vitro cytotoxic activities of ruthenium(II) complexes containing 2,4-dihydroxy benzylidene ligands. <i>Materials Science and Engineering C</i> , 2016, 69, 1297-1306.	7.3	32
3	Design, synthesis, structure and biological evaluation of new palladium(II) hydrazone complexes. <i>Inorganica Chimica Acta</i> , 2016, 453, 562-573.	2.4	30
4	New Palladium(II) complexes with ONO chelated hydrazone ligand: Synthesis, characterization, DNA/BSA interaction, antioxidant and cytotoxicity. <i>Inorganica Chimica Acta</i> , 2020, 512, 119868.	2.4	30
5	Studies on synthesis, characterization, DNA interaction and cytotoxicity of ruthenium(II) Schiff base complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 210-215.	3.9	25
6	Synthesis, characterization and <i>in vitro</i> biological assays of copper(II) and nickel(II) complexes with furan-2-carboxylic acid hydrazide. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3582.	3.5	22
7	Catalytic oxidation and C-C coupling reactions of new ruthenium(III) Schiff base complexes containing PPh ₃ or AsPh ₃ co-ligands. <i>Transition Metal Chemistry</i> , 2009, 34, 7-13.	1.4	16
8	New palladium(II) hydrazone complexes: Synthesis, structure and biological evaluation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 1-13.	3.8	16
9	Synthesis, characterization, DNA binding, DNA cleavage, antioxidant and in vitro cytotoxicity studies of ruthenium(II) complexes containing hydrazone ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3545-3559.	2.2	11
10	Ruthenium(II) complexes containing 4-methoxybenzhydrazone ligands: synthesis, characterization, DNA binding, DNA cleavage, radical scavenging and <i>in vitro</i> cytotoxic activity. <i>Applied Organometallic Chemistry</i> , 2016, 30, 550-560.	3.5	11
11	Biological evaluation of organometallic palladium(II) complexes containing 4-hydroxybenzoic acid (3-ethoxy-2-hydroxybenzylidene)hydrazide: Synthesis, structure, DNA/protein binding, antioxidant activity and cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3599.	3.5	11
12	Synthesis, characterization, DNA binding and cleavage properties and anticancer studies of ruthenium(III) Schiff base complexes. <i>Transition Metal Chemistry</i> , 2012, 37, 169-174.	1.4	10
13	Microbial Assay of Ruthenium(II) Thiosemicarbazone Complexes: Synthesis, Spectral Characterization, and Electrochemistry. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 716-726.	0.6	6
14	Binuclear Ruthenium(II) Carbonyl Schiff Base Complexes Containing N ₂ O ₂ Donors and their Catalytic and Biological Activities. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 81-90.	0.6	5
15	Organoruthenium(II) thiosemicarbazone complexes: synthesis, spectral characterization, DNA binding and DNA cleavage studies. <i>Open Chemistry</i> , 2013, 11, 1010-1018.	1.9	1