

# Juan J MartÃ-nez Medina

## List of Publications by Year in descending order

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21  
papers

276  
citations

1040056

9  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and anticancer effects and bioavailability studies of the flavonoid baicalin and its oxidovanadium(IV) complex. <i>Journal of Inorganic Biochemistry</i> , 2017, 166, 150-161.	3.5	44
2	Antitumoral, Antihypertensive, Antimicrobial, and Antioxidant Effects of an Octanuclear Copper(II)-Telmisartan Complex with an Hydrophobic Nanometer Hole. <i>Inorganic Chemistry</i> , 2014, 53, 5724-5737.	4.0	37
3	Inhibition behavior on alkaline phosphatase activity, antibacterial and antioxidant activities of ternary methimazole-phenanthroline-copper(II) complex. <i>Inorganica Chimica Acta</i> , 2013, 405, 243-251.	2.4	29
4	Apigenin oxidovanadium(IV) cation interactions. Synthesis, spectral, bovine serum albumin binding, antioxidant and anticancer studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 344, 84-100.	3.9	27
5	Anti-thyroid and antifungal activities, BSA interaction and acid phosphatase inhibition of methimazole copper(II) complexes. <i>Chemico-Biological Interactions</i> , 2015, 229, 64-72.	4.0	20
6	Copper(II) complexes with cyanoguanidine and o-phenanthroline: Theoretical studies, in vitro antimicrobial activity and alkaline phosphatase inhibitory effect. <i>Journal of Molecular Structure</i> , 2014, 1058, 298-307.	3.6	19
7	Ternary copper(II) complex of 5-hydroxytryptophan and 1,10-phenanthroline with several pharmacological properties and an adequate safety profile. <i>Journal of Inorganic Biochemistry</i> , 2020, 204, 110933.	3.5	15
8	Synthesis, characterization, theoretical studies and biological (antioxidant, anticancer, toxicity and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Pharmacotherapy, 2019, 111, 414-426.	5.6	14
9	Improving the antidepressant action and the bioavailability of sertraline by co-crystallization with coumarin 3-carboxylate. Structural determination. <i>Chemico-Biological Interactions</i> , 2016, 249, 46-55.	4.0	10
10	Structural, spectral and potentiometric characterization, and antimicrobial activity studies of [Zn(phen) <sub>2</sub> (cng)(H <sub>2</sub> O)](NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2304-2318.	3.2	8
11	Comparisons of the spectroscopic and microbiological activities among coumarin-3-carboxylate, o-phenanthroline and zinc(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 198, 212-221.	3.9	8
12	Theoretical/experimental investigation and antimutagenic effect of the oxidovanadium(IV) baicalin coordination complex. <i>Inorganica Chimica Acta</i> , 2019, 487, 369-378.	2.4	8
13	Evidence of promising biological-pharmacological activities of the sertraline-based copper complex: (SerH <sub>2</sub> ) <sub>2</sub> [CuCl <sub>4</sub> ]. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 76-89.	3.5	7
14	Antibacterial activity assays of a new cadmium complex with o-phenanthroline and cyanoguanidine: crystal structure, fluorescence properties, and chemical speciation studies. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3560-3574.	2.2	6
15	DFT vibrational assignments, in vitro antifungal activity, genotoxic and acute toxicity determinations of the [Zn(phen) <sub>2</sub> (cng)(H <sub>2</sub> O)](NO <sub>3</sub> ) <sub>2</sub> ·H <sub>2</sub> O complex. <i>Journal of Molecular Structure</i> , 2015, 1100, 366-375.	3.6	5
16	Study on the cytotoxic, antimetastatic and albumin binding properties of the oxidovanadium(IV) chrysin complex. Structural elucidation by computational methodologies. <i>Chemico-Biological Interactions</i> , 2022, 351, 109750.	4.0	5
17	Pharmacological activities of a propylthiouracil compound structurally modified by coordination with copper(II). <i>Journal of Coordination Chemistry</i> , 2016, 69, 1293-1312.	2.2	4
18	Theoretical investigation of the conformational space of baicalin. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 76, 181-191.	2.4	4

#	ARTICLE	IF	CITATIONS
19	Antitumour and Antimetastatic Effects and Safety Profile of a New Magnesium(II)-Chrysin Complex. Australian Journal of Chemistry, 2020, 73, 614.	0.9	4
20	Computational studies, antimicrobial activity, inhibition of biofilm production, and safety profile of the cadmium complex of 1,10-phenanthroline and cyanoguanidine. Applied Organometallic Chemistry, 2022, 36, .	3.5	2
21	Physicochemical and biological studies of Ni(II), Cu(II) and Zn(II) ternary complexes of sulfaquinoxaline and 2,2'-bipyrimidine.. Journal of Molecular Structure, 2022, 1268, 133667.	3.6	0