Renato P Orenha

List of Publications by Year in Descending Order

39 papers	132 citations	7 h-index	9 g-index
43 ext. papers	203 ext. citations	2.9 avg, IF	3.05 L-index

#	Paper	IF	Citations
39	and cytotoxicity of hinokinin-loaded PLGA microparticle systems against tumoral SiHa cells. *Natural Product Research*, **2021**, 1-8	2.3	0
38	In Vivo and in Silico Trypanocidal Activity Evaluation of (-)-Cubebin Encapsulated in PLGA Microspheres as Potential Treatment in Acute Phase. *Chemistry and Biodiversity*, **2021**, 18, e2100052	2.5	0
37	Stability Changes in Iridium Nanoclusters via Monoxide Adsorption: A DFT Study within the van der Waals Corrections. *Journal of Physical Chemistry A*, **2021**, 125, 4805-4818	2.8	1
36	Green and Red Brazilian Propolis: Antimicrobial Potential and Anti-Virulence against ATCC and Clinically Isolated Multidrug-Resistant Bacteria. *Chemistry and Biodiversity*, **2021**, 18, e2100307	2.5	1
35	Theoretical study of chloride complexes with hybrid macrocycles. *New Journal of Chemistry*, **2021**, 45, 463-470	3.6	
34	Can the relative positions (cis trans) of ligands really modulate the coordination of NO in ruthenium nitrosyl complexes?. *New Journal of Chemistry*, **2021**, 45, 1658-1666	3.6	1
33	The design of anion- interactions and hydrogen bonds for the recognition of chloride, bromide and nitrate anions. *Physical Chemistry Chemical Physics*, **2021**, 23, 11455-11465	3.6	1
32	Designing boron and metal complexes for fluoride recognition: a computational perspective. *Physical Chemistry Chemical Physics*, **2021**, 23, 22768-22778	3.6	
31	The donor/acceptor trans effect on NO release in ruthenium nitrosyl complexes: a computational insight. *New Journal of Chemistry*, **2021**, 45, 8949-8957	3.6	
30	Anti-melanoma effect of ruthenium(II)-diphosphine complexes containing naphthoquinone ligand. *Journal of Inorganic Biochemistry*, **2021**, 222, 111497	4.2	0
29	Evaluation of lignan-loaded poly(caprolactone) nanoparticles: synthesis, characterization, and schistosomicidal activity.. *Natural Product Research*, **2021**, 1-7	2.3	0
28	Tracking the role of trans-ligands in ruthenium NO bond lability: computational insight. *New Journal of Chemistry*, **2020**, 44, 11448-11456	3.6	2
27	The anionic recognition mechanism based on polyol and boronic acid receptors. *New Journal of Chemistry*, **2020**, 44, 5564-5571	3.6	1
26	Are DFT Methods Able to Predict Reduction Potentials of Ruthenium Nitrosyl Complexes Accurately?. *Journal of Physical Chemistry A*, **2020**, 124, 6186-6192	2.8	
25	Structural investigation of group 10 metal complexes with thiosemicarbazone: crystal structure, mass spectrometry, Hirshfeld surface and in vitro antitumor activity. *Structural Chemistry*, **2020**, 31, 2093-2103	1.8	0
24	Electrospray ionization tandem mass spectrometry of monoketone curcuminoids. *Rapid Communications in Mass Spectrometry*, **2020**, 34 Suppl 3, e8699	2.2	1
23	Shedding light on the bonding situation of triangular and square heterometallic clusters: computational insight. *New Journal of Chemistry*, **2020**, 44, 5079-5087	3.6	1

22	(□)-Licarin A and its semi-synthetic derivatives: In vitro and in silico evaluation of trypanocidal and schistosomicidal activities. *Acta Tropica*, **2020**, 202, 105248	3.2	9
21	How does the acidic milieu interfere in the capability of ruthenium nitrosyl complexes to release nitric oxide?. *New Journal of Chemistry*, **2020**, 44, 773-779	3.6	4
20	A theoretical indicator of transition-metal nanoclusters applied in the carbon nanotube nucleation process: a DFT study. *Dalton Transactions*, **2020**, 49, 492-503	4.3	6
19	The bonding situation in heteromultimetallic carbonyl complexes. *Dalton Transactions*, **2020**, 49, 16762-16771	4.3	1
18	The simultaneous recognition mechanism of cations and anions using macrocyclic-iodine structures: insights from dispersion-corrected DFT calculations. *Physical Chemistry Chemical Physics*, **2020**, 22, 23795-23803	3.6	9
17	The usefulness of energy decomposition schemes to rationalize host-guest interactions. *Dalton Transactions*, **2020**, 49, 17457-17471	4.3	5
16	Synthesis and luminescent properties of new naphthoquinoline lactone derivatives. *Journal of Luminescence*, **2020**, 227, 117547	3.8	1
15	On the recognition of chloride, bromide and nitrate anions by anthracene□squaramide conjugated compounds: a computational perspective. *New Journal of Chemistry*, **2020**, 44, 17831-17839	3.6	3
14	CO, NO, and SO adsorption on Ni nanoclusters: a DFT investigation. *Dalton Transactions*, **2020**, 49, 6407-6417	4.3	12
13	Double-bond elucidation for arsagermene with a tricoordinate germanium center: a theoretical survey. *New Journal of Chemistry*, **2019**, 43, 15681-15690	3.6	0
12	How does the pH influences the Ru-NO coordination compounds?. *International Journal of Quantum Chemistry*, **2019**, 119, e25999	2.1	2
11	Shedding light on the electronic structure of [Ru(□CH)(NH)] complex: a computational insight. *Journal of Molecular Modeling*, **2019**, 25, 11	2	3
10	The influence of the negative hyperconjugation is relevant for the analysis of the □□ conjugation with the mono-substitution and di-substitution of H2C= by O= and/or HN= in trans-buta-1,3-diene?. *Structural Chemistry*, **2018**, 29, 847-857	1.8	11
9	How does the total charge and isomerism influence the Ru-NO ammine complexes?. *Physical Chemistry Chemical Physics*, **2018**, 20, 13348-13356	3.6	7
8	How computational methods and relativistic effects influence the study of chemical reactions involving Ru-NO complexes?. *Journal of Computational Chemistry*, **2017**, 38, 883-891	3.5	16
7	Nature of the Ru-NO Coordination Bond: Kohn-Sham Molecular Orbital and Energy Decomposition Analysis. *ChemistryOpen*, **2017**, 6, 410-416	2.3	11
6	Metal□ligand Bonding Situation in Ruthenophanes Containing Multibridged Cyclophanes. *Organometallics*, **2017**, 36, 3465-3470	3.8	8
5	Computational study of the interaction between NO, NO, and NO with HO. *Journal of Molecular Modeling*, **2016**, 22, 276	2	5

4	The resonance of cation and anion radicals with multiple conjugated bonds. *Structural Chemistry*, **2015**, 26, 365-373	1.8	6
3	Molecular Orbitals of NO, NO+, and NO− A Computational Quantum Chemistry Experiment. *Journal of Chemical Education*, **2014**, 91, 1064-1069	2.4	8
2	Resonance in compounds with multiple conjugated bonds. *Structural Chemistry*, **2013**, 24, 1153-1162	1.8	3
1	Copaifera multijuga, Copaifera pubiflora and Copaifera trapezifolia Oleoresins: Chemical Characterization and in vitro Cytotoxic Potential against Tumoral Cell Lines. *Journal of the Brazilian Chemical Society*,	1.5	2