

J Ivan Nobre Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

356
citations

840728

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h-index

839512

18
g-index

31
all docs

31
docs citations

31
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum molecular modelling of ibuprofen bound to human serum albumin. RSC Advances, 2015, 5, 49439-49450.	3.6	42
2	SARS-CoV-2 virus infection: Targets and antiviral pharmacological strategies. Journal of Evidence-Based Medicine, 2020, 13, 255-260.	1.8	30
3	A quantum chemistry investigation of a potential inhibitory drug against the dengue virus. RSC Advances, 2016, 6, 56562-56570.	3.6	28
4	Binding energies of the drugs capreomycin and streptomycin in complex with tuberculosis bacterial ribosome subunits. Physical Chemistry Chemical Physics, 2019, 21, 19192-19200.	2.8	26
5	Quantum binding energy features of the T3-785 collagen-like triple-helical peptide. RSC Advances, 2017, 7, 2817-2828.	3.6	25
6	Energetic description of cilengitide bound to integrin. New Journal of Chemistry, 2017, 41, 11405-11412.	2.8	20
7	Intermolecular interactions of cn-716 and acyl-KR-aldehyde dipeptide inhibitors against Zika virus. Physical Chemistry Chemical Physics, 2020, 22, 15683-15695.	2.8	20
8	Ribosomal RNA-Aminoglycoside Hygromycin B Interaction Energy Calculation within a Density Functional Theory Framework. Journal of Physical Chemistry B, 2019, 123, 6421-6429.	2.6	19
9	Computational investigation of the \hat{P}^2 integrin-collagen triple helix complex interaction. New Journal of Chemistry, 2018, 42, 17115-17125.	2.8	16
10	Exploring the Binding Mechanism of GABA _B Receptor Agonists and Antagonists through in Silico Simulations. Journal of Chemical Information and Modeling, 2020, 60, 1005-1018.	5.4	16
11	Interaction energies between two antiandrogenic and one androgenic agonist receptor in the presence of a T877A mutation in prostate cancer: a quantum chemistry analysis. New Journal of Chemistry, 2020, 44, 5903-5912.	2.8	14
12	Conductance of single microRNAs chains related to the autism spectrum disorder. Europhysics Letters, 2014, 107, 68006.	2.0	11
13	Fighting COVID-19. Brazilian Journal of Biology, 2020, 80, 698-701.	0.9	11
14	Charge transport in fibrous/not fibrous β -helical and (5Q,7Q) β variant peptides. Applied Physics Letters, 2011, 98, .	3.3	10
15	Supramolecular aggregates of oligosaccharides with co-solvents in ternary systems for the solubilizing approach of triamcinolone. Carbohydrate Polymers, 2016, 151, 1040-1051.	10.2	10
16	Molecular modelling and quantum biochemistry computations of a naturally occurring bioremediation enzyme: Alkane hydroxylase from Pseudomonas putida P1. Journal of Molecular Graphics and Modelling, 2017, 77, 232-239.	2.4	10
17	Electronic transport in methylated fragments of DNA. Applied Physics Letters, 2015, 107, 203701.	3.3	9
18	Quantum Biochemical Investigation of Lys49-PLA ₂ from <i>Bothrops moojeni</i> . Journal of Physical Chemistry B, 2021, 125, 12972-12980.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Exploring human porphobilinogen synthase metalloprotein by quantum biochemistry and evolutionary methods. <i>Metallomics</i> , 2021, 13, .	2.4	5
20	Identification of promiscuous T cell epitopes on Mayaro virus structural proteins using immunoinformatics, molecular modeling, and QM:MM approaches. <i>Infection, Genetics and Evolution</i> , 2021, 91, 104826.	2.3	4
21	New ethionamide boosters and EthR2: structural and energetic analysis. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23233-23241.	2.8	4
22	Computational vaccinology guided design of multi-epitope subunit vaccine against a neglected arbovirus of the Americas. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 3321-3338.	3.5	4
23	Effectiveness of COVID-19 vaccines against Omicron variant. <i>Immunotherapy</i> , 2022, 14, 903-904.	2.0	4
24	<i>In silico</i> approach of modified melanoma peptides and their immunotherapeutic potential. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2836-2845.	2.8	3
25	<i>In silico</i> analysis of energy interactions between nociceptin/orphanin FQ receptor and two antagonists with potential antidepressive action. <i>New Journal of Chemistry</i> , 2022, 46, 7950-7959.	2.8	3
26	Quantum binding energy features of the drug olmesartan bound to angiotensin type-1 receptors in the therapeutics of stroke. <i>New Journal of Chemistry</i> , 2021, 45, 19487-19496.	2.8	2
27	Redundancy of Terms in Search Strategies. Comment on "Searching PubMed to Retrieve Publications on the COVID-19 Pandemic: Comparative Analysis of Search Strings". <i>Journal of Medical Internet Research</i> , 2021, 23, e28666.	4.3	2
28	Animal models for inducing inflammatory bowel diseases: integrative review. <i>Revista Ciências Em Saúde</i> , 2021, 11, 80-87.	0.0	1
29	The link between vitamin D and COVID-19. <i>Contemporary Clinical Trials</i> , 2021, 105, 106395.	1.8	1
30	Study of comparative proteome between normal and inverted karyotypes of human mesenchymal stem cells. <i>Acta Scientiarum - Biological Sciences</i> , 2020, 42, e50260.	0.3	0