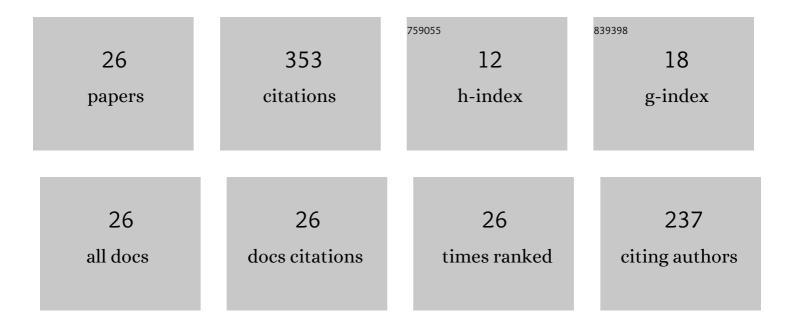
VinÃ-cius Manzoni

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/851451/publications.pdf Version: 2024-02-01



<u> Μινάςιμε Μανζονι</u>

#	Article	IF	CITATIONS
1	Study of the optical and magnetic properties of pyrimidine in water combining PCM and QM/MM methodologies. Physical Chemistry Chemical Physics, 2010, 12, 14023.	1.3	47
2	Strong enhancement of NLO response of methyl orange dyes through solvent effects: A sequential Monte Carlo/DFT investigation. Optical Materials, 2019, 94, 152-159.	1.7	41
3	Comparison of polarizable continuum model and quantum mechanics/molecular mechanics solute electronic polarization: Study of the optical and magnetic properties of diazines in water. Journal of Chemical Physics, 2011, 135, 144103.	1.2	26
4	Theoretical study of a recently synthesized azo dyes useful for OLEDs. Materials Letters, 2020, 280, 128535.	1.3	26
5	Giant values obtained for first hyperpolarizabilities of methyl orange: a DFT investigation. Theoretical Chemistry Accounts, 2019, 138, 1.	0.5	23
6	Outlining migrainous through dihydroergotamine–serotonin receptor interactions using quantum biochemistry. New Journal of Chemistry, 2018, 42, 2401-2412.	1.4	21
7	The quantum biophysics of the isoniazid adduct NADH binding to its InhA reductase target. New Journal of Chemistry, 2014, 38, 2946.	1.4	18
8	Solvent effects on Stokes shifts, and NLO response of thieno[3,4-b]pyrazine: A comprehensive QM/MM investigation. Journal of Molecular Liquids, 2021, 335, 115996.	2.3	18
9	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.	2.5	16
10	An insightful approach for understanding solvatochromic reversal. Chemical Physics Letters, 2016, 655-656, 30-34.	1.2	15
11	Correlation and complexity analysis of well logs via Lyapunov, Hurst, Lempel–Ziv and neural network algorithms. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 747-754.	1.2	12
12	The role of electrostatic interactions and solvent polarity on the 15N NMR shielding of azines. Chemical Physics Letters, 2017, 686, 189-194.	1.2	12
13	Solvent enhancement and isomeric effects on the NLO properties of a photoinduced cis-trans azomethine chromophore: A sequential MC/QM study. Journal of Molecular Liquids, 2021, 340, 116887.	2.3	12
14	A theoretical study of the magnetic shielding of 15N of formamide in liquid water. Journal of Molecular Liquids, 2020, 320, 114415.	2.3	11
15	Thermal and solvatochromic effects on the emission properties of a thienyl-based dansyl derivative. RSC Advances, 2020, 10, 28484-28491.	1.7	9
16	Theoretical study of thieno[3,4-b]pyrazine derivatives with enhanced NLO response. Chemical Physics Letters, 2021, 781, 138976.	1.2	8
17	Solvent effects on low-lying absorptions and vibrational spectra of thieno[3,4-b]pyrazines: the role of unconventional C–H···N bonds. Chemical Papers, 2019, 73, 1519-1527.	1.0	7
18	Observation and Analysis of Incoherent Second-Harmonic Generation in Gold Nanoclusters with Six Atoms. Journal of Physical Chemistry C, 2020, 124, 15440-15447.	1.5	7

VINÃEIUS MANZONI

#	Article	IF	CITATIONS
19	Adsorption study of 4-nitrophenol onto kaolinite (001) surface: A van der Waals density functional study. Materials Chemistry and Physics, 2021, 271, 124887.	2.0	7
20	Unveiling the relationship between structural and polarization effects on the first hyperpolarizability of a merocyanine dye. Journal of Chemical Physics, 2022, 156, 014305.	1.2	7
21	Density functional theory study of the electronic properties of naphthofuranquinone compounds with antitrypanocidal activity. International Journal of Quantum Chemistry, 2011, 111, 1270-1279.	1.0	3
22	Quantum binding energy features of the drug olmesartan bound to angiotensin type-1 receptors in the therapeutics of stroke. New Journal of Chemistry, 2021, 45, 19487-19496.	1.4	2
23	Insights on the crossing of the two lowest n-ï€â^— and ï€-ï€â^— absorption lines of thieno[3,4-b]pyrazine in an aqueous environment. Chemical Physics Letters, 2021, 768, 138366.	1.2	2
24	Parallel and orthogonal stimulus in ultradiluted neural networks. Physical Review E, 2006, 74, 046117.	0.8	1
25	Recognition ability of the fully connected Hopfield neural network under a persistent stimulus field. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 1279-1288.	1.2	1
26	The electrostatic embedding contribution to DFT calculations of ligand-amino acid residues interaction. Journal of Molecular Modeling, 2018, 24, 211.	0.8	1