

Newton M Barbosa Neto

List of Publications by Year in descending order

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22
papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Protonation, exciplex, and evidence of aggregate formation in meso-tetra(4-pyridyl) porphyrin triggered by excited-state absorption. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 426, 113759.	3.9	2
2	Sharma et al. Reply. <i>Physical Review Letters</i> , 2022, 128, .	7.8	2
3	Effects of pH on the ultrafast transient absorption of iron (III) meso-tetrakis(4-N-methyl-pyridiniumyl) porphyrin (Fe ³⁺ +TMPyP) molecular complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 408, 113082.	3.9	4
4	Thermodynamics of Linear Carbon Chains. <i>Physical Review Letters</i> , 2021, 126, 125901.	7.8	9
5	On the excitation dependence of fluorescence spectra of meso-tetrapyridyl zinc (II) porphyrin and its relation with hydrogen bonding and outlying decoration. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117371.	3.9	9
6	Environmental effects, intertube interactions and π - π bond re-hybridization in bundles of double- and triple-walled carbon nanotubes. <i>Carbon</i> , 2020, 158, 651-661.	10.3	0
7	Anharmonicity and Universal Response of Linear Carbon Chain Mechanical Properties under Hydrostatic Pressure. <i>Physical Review Letters</i> , 2020, 125, 105501.	7.8	22
8	Influence of the meso-substituents on the spectral features of free-base porphyrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 238, 118389.	3.9	16
9	Photophysics and visible light photodissociation of supramolecular meso-tetra(4-pyridyl) porphyrin/RuCl ₂ (CO)(PPh ₃) ₂ structures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 237, 118351.	3.9	5
10	Medindo a constante dielétrica em líquidos: um estudo de caso para elaboração de uma proposta para formação de físicos experimentais. <i>Revista Brasileira De Ensino De Fisica</i> , 2019, 41, .	0.2	0
11	Evolution of electronic and vibronic transitions in metal(II) meso-tetra(4-pyridyl)porphyrins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 215, 327-333.	3.9	22
12	Remarkable Electronic Effect on the meso-Tetra(thienyl)porphyrins. <i>Inorganic Chemistry</i> , 2019, 58, 1030-1039.	4.0	9
13	Novel insights on the vibronic transitions in free base meso-tetrapyridyl porphyrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 274-279.	3.9	21
14	Broadband polarized emission from P(NDI2OD-T2) polymer. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 265101.	1.8	3
15	Multiwall carbon nanotubes filled with Al ₄ C ₃ : Spectroscopic signatures for electron-phonon coupling due to doping process. <i>Carbon</i> , 2017, 124, 348-356.	10.3	9
16	Molecular alignment effects on spectroscopic properties 2,1,3-benzothiadiazole guested in liquid-crystalline compounds. <i>Chemical Physics Letters</i> , 2010, 487, 263-267.	2.6	19
17	Langmuir and Langmuir-Blodgett (LB) films of tetrapyridyl metalloporphyrins. <i>Applied Surface Science</i> , 2008, 254, 5946-5952.	6.1	39
18	Effects of interaction with CTAB micelles on photophysical characteristics of meso-tetrakis(sulfonatophenyl) porphyrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 378-384.	3.9	45

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19	Reverse saturable absorption in 5,10,15,20-Tetra(4-pyridyl)-21H,23H-porphyrin with ruthenium outlying complexes. Journal of the Brazilian Chemical Society, 2006, 17, 1377-1782.	0.6	14
20	Dynamic saturable optical nonlinearities in free base tetrapyridylporphyrin. Journal of Porphyrins and Phthalocyanines, 2003, 07, 452-456.	0.8	28
21	Selective Inner-Filter on the Fluorescence Response of Chlorophyll and Pheophytin Molecules Extracted from Caesalpinia echinata Leaves. Journal of the Brazilian Chemical Society, 0, , .	0.6	3
22	Medindo os parÃ¢metros de Stokes: Uma nova prÃ¡tica para ensino de Ã³ptica. Revista Brasileira De Ensino De Fisica, 0, 42, .	0.2	0