

Fabiano da Silveira Santos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	373 citations	12 h-index	18 g-index
35 ext. papers	479 ext. citations	3.9 avg, IF	3.56 L-index

#	Paper	IF	Citations
31	Theoretical and experimental investigation of 1,4-dihydropyridine-based hexahydroquinoline-3-carboxylates: Photophysics and bovine serum albumin binding studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 429, 113915	4.7	0
30	Photophysical, photodynamical, redox properties and BSA interactions of novel isomeric tetracationic peripheral palladium(II)-bipyridyl porphyrins. <i>Dalton Transactions</i> , 2020 , 49, 16278-16295	4.3	8
29	Partial substitution of nitrocellulose by polyurethane resins in flexographic ink concentrates. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49237	2.9	2
28	Designing highly luminescent aryloxy-benzothiadiazole derivatives with aggregation-induced enhanced emission. <i>Dyes and Pigments</i> , 2020 , 178, 108377	4.6	12
27	Ground and excited-state properties of 1,3-benzoselenazole derivatives: A combined theoretical and experimental photophysical investigation. <i>Journal of Molecular Structure</i> , 2020 , 1207, 127817	3.4	3
26	Synthesis of a 5-Carboxy Indole-Based Spiropyran Fluorophore: Thermal, Electrochemical, Photophysical and Bovine Serum Albumin Interaction Investigations. <i>Chemosensors</i> , 2020 , 8, 31	4	2
25	Synthesis and thermal, electrochemical, and photophysical investigation of carbazole/diphenyl benzothiadiazole-based fluorophores. <i>Dyes and Pigments</i> , 2020 , 182, 108668	4.6	3
24	Hybrid 3,4-dihydropyrimidin-2-(thi)ones as dual-functional bioactive molecules: Fluorescent probes and cytotoxic agents to cancer cells. <i>New Journal of Chemistry</i> , 2020 , 44, 12440-12451	3.6	13
23	Benzothiazole merocyanine dyes as middle pH optical sensors. <i>Dyes and Pigments</i> , 2020 , 176, 108193	4.6	13
22	Synthesis and photo-electro-thermal characterization of non-symmetrical 4,7-dibromobenzo[c][1,2,5]thiadiazole derivatives. <i>Dyes and Pigments</i> , 2020 , 183, 108703	4.6	2
21	Experimental and theoretical investigation of long-wavelength fluorescence emission in push-pull benzazoles: intramolecular proton transfer or charge transfer in the excited state?. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 4408-4420	3.6	12
20	Tacrine-pyrimidine photoactive molecular hybrids: Synthesis, photophysics, docking and BSA interaction study. <i>Journal of Molecular Liquids</i> , 2019 , 287, 110983	6	3
19	Synthesis, experimental and theoretical photophysical study of proton transfer based oxazoline fluorophores. Potential tailor made optical sensors for enantiomeric detection in solution. <i>Dyes and Pigments</i> , 2019 , 165, 372-382	4.6	4
18	Glycoconjugates Based on Supramolecular Tröger's Base Scaffold: Synthesis, Photophysics, Docking, and BSA Association Study. <i>ACS Omega</i> , 2019 , 4, 13509-13519	3.9	8
17	Proton transfer in fluorescent secondary amines: synthesis, photophysics, theoretical calculation and preparation of photoactive phosphatidylcholine-based liposomes. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 1171-1184	4.2	9
16	Photoacidity as a tool to rationalize excited state intramolecular proton transfer reactivity in flavonols. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 231-238	4.2	28
15	Low pH optical sensor based on benzothiazole azo dyes. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 514-525	8.5	20

14	Proton-Transfer-Based Azides with Fluorescence Off-On Response for Detection of Hydrogen Sulfide: An Experimental, Theoretical, and Bioimaging Study. <i>Journal of Organic Chemistry</i> , 2018 , 83, 15210-15224	4.2	25
13	Lophine and pyrimidine based photoactive molecular hybrids. Synthesis, photophysics, BSA interaction and DFT study. <i>New Journal of Chemistry</i> , 2018 , 42, 17126-17137	3.6	5
12	Photoinduced electron transfer across an organic molecular wall: octa acid encapsulated ESIPT dyes as electron donors. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 840-844	4.2	8
11	Synthesis and photophysical study of new fluorescent proton transfer dihydropyrimidinone hybrids as potential candidates for molecular probes. <i>New Journal of Chemistry</i> , 2017 , 41, 15305-15311	3.6	11
10	Excited state behavior of benzoxazole derivatives in a confined environment afforded by a water soluble octaacid capsule. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 317, 175-185	4.7	37
9	Small heterocycles as highly luminescent building blocks in the solid state for organic synthesis. <i>New Journal of Chemistry</i> , 2016 , 40, 2785-2791	3.6	17
8	Confinement effect on the photophysics of ESIPT fluorophores. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2820-2827	7.1	29
7	Ground and excited state properties of chalcogenol esters: a combined theoretical and experimental study. <i>Journal of Physical Organic Chemistry</i> , 2014 , 27, 336-343	2.1	8
6	Excited state chemistry of flavone derivatives in a confined medium: ESIPT emission in aqueous media. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 992-6	4.2	29
5	Photophysics of aminobenzazole dyes in silica-based hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 235-241	2.3	5
4	Evidence for excited state intramolecular charge transfer in benzazole-based pseudo-stilbenes. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 10994-1001	3.6	17
3	Bis-silylated terephthalate as a building block precursor for highly fluorescent organic/inorganic hybrid materials. <i>New Journal of Chemistry</i> , 2012 , 36, 2506	3.6	9
2	Synthesis, characterization, and spectroscopic investigation of benzoxazole conjugated Schiff bases. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 13390-8	2.8	30
1	Avalia� da proposta de constru� de um curr�ulo interdisciplinar numa escola t�cnica de sa�de. <i>Trabalho, Educa� E Sa�de</i> , 2008 , 6, 169-184	0.9	