

# Fabiano da Silveira Santos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9158803/publications.pdf>

Version: 2024-02-01

34  
papers

549  
citations

623734

14  
h-index

677142

22  
g-index

35  
all docs

35  
docs citations

35  
times ranked

687  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.9	53
2	Confinement effect on the photophysics of ESIPT fluorophores. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2820-2827.	5.5	39
3	Excited state chemistry of flavone derivatives in a confined medium: ESIPT emission in aqueous media. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 992-996.	2.9	37
4	Proton-Transfer-Based Azides with Fluorescence Offâ€“On Response for Detection of Hydrogen Sulfide: An Experimental, Theoretical, and Bioimaging Study. <i>Journal of Organic Chemistry</i> , 2018, 83, 15210-15224.	3.2	35
5	Photoacidity as a tool to rationalize excited state intramolecular proton transfer reactivity in flavonols. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 231-238.	2.9	34
6	Synthesis, Characterization, and Spectroscopic Investigation of Benzoxazole Conjugated Schiff Bases. <i>Journal of Physical Chemistry A</i> , 2011, 115, 13390-13398.	2.5	33
7	Low pH optical sensor based on benzothiazole azo dyes. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 514-525.	7.8	31
8	Designing highly luminescent aryloxy-benzothiadiazole derivatives with aggregation-induced enhanced emission. <i>Dyes and Pigments</i> , 2020, 178, 108377.	3.7	26
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.	2.8	25
10	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.	2.8	24
11	Evidence for excited state intramolecular charge transfer in benzazole-based pseudo-stilbenes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10994.	2.8	21
12	Benzothiazole merocyanine dyes as middle pH optical sensors. <i>Dyes and Pigments</i> , 2020, 176, 108193.	3.7	19
13	Experimental and theoretical investigation of long-wavelength fluorescence emission in pushâ€“pull benzazoles: intramolecular proton transfer or charge transfer in the excited state?. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 4408-4420.	2.8	17
14	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.	2.8	15
15	Photophysical, photodynamical, redox properties and BSA interactions of novel isomeric tetracationic peripheral palladium( $\mu$ -bipyridyl)porphyrins. <i>Dalton Transactions</i> , 2020, 49, 16278-16295.	3.3	15
16	Bis-silylated terephthalate as a building block precursor for highly fluorescent organicâ€“inorganic hybrid materials. <i>New Journal of Chemistry</i> , 2012, 36, 2506.	2.8	14
17	Glycoconjugates Based on Supramolecular TrÃƒngerâ€™s Base Scaffold: Synthesis, Photophysics, Docking, and BSA Association Study. <i>ACS Omega</i> , 2019, 4, 13509-13519.	3.5	14
18	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.	2.9	13

#	ARTICLE	IF	CITATIONS
19	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.	2.9	11
20	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.	1.9	10
21	Synthesis and thermal, electrochemical, and photophysical investigation of carbazole/diphenyl benzothiadiazole-based fluorophores. <i>Dyes and Pigments</i> , 2020, 182, 108668.	3.7	8
22	Lophine and pyrimidine based photoactive molecular hybrids. Synthesis, photophysics, BSA interaction and DFT study. <i>New Journal of Chemistry</i> , 2018, 42, 17126-17137.	2.8	7
23	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.	3.7	7
24	Partial substitution of nitrocellulose by polyurethane resins in flexographic ink concentrates. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49237.	2.6	7
25	Synthesis of a 5-Carboxy Indole-Based Spiropyran Fluorophore: Thermal, Electrochemical, Photophysical and Bovine Serum Albumin Interaction Investigations. <i>Chemosensors</i> , 2020, 8, 31.	3.6	7
26	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.	3.6	6
27	Photophysics of aminobenzazole dyes in silica-based hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 235-241.	2.4	5
28	Tacrine-pyrimidine photoactive molecular hybrids: Synthesis, photophysics, docking and BSA interaction study. <i>Journal of Molecular Liquids</i> , 2019, 287, 110983.	4.9	4
29	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.	3.7	4
30	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.	3.9	3
31	Synthesis of novel symmetrical alkylated phenyltetrazol-based 1,3-dynes and their structure-properties relationship. <i>Dyes and Pigments</i> , 2022, 205, 110574.	3.7	3
32	Synthesis and Photophysical Characterization of Proton Transfer-Based Thiourea Derivatives: Potential Application as Colorimetric Naked-Eye Chemosensor for Fluoride Detection in Solution. <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	1
33	Interaction Study between ESIPT Fluorescent Lipophile-Based Benzazoles and BSA. <i>Molecules</i> , 2021, 26, 6728.	3.8	1
34	Avaliação da proposta de construção de um currículo interdisciplinar numa escola técnica de saúde. <i>Trabalho, Educação e Saúde</i> , 2008, 6, 169-184.	1.0	0