LuÃ-s Gustavo Teixeira Alves Duarte

List of Publications by Year
in descending order

28 papers	425 citations	759233 12 h-index	752698 20 g-index
28 all docs	28 docs citations	28 times ranked	508 citing authors

#	Article	IF	Citations
1	White-light generation from all-solution-processed OLEDs using a benzothiazoleâ€“salophen derivative reactive to the ESIPT process. Physical Chemistry Chemical Physics, 2019, 21, 1172-1182.	2.8	84
2	Photoacidity as a tool to rationalize excited state intramolecular proton transfer reactivity in flavonols. Photochemical and Photobiological Sciences, 2018, 17, 231-238.	2.9	34
3	In Situ 2D Perovskite Formation and the Impact of the 2D/3D Structures on Performance and Stability of Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900199.	5.8	30
4	The role of a simple and effective salicylidene derivative. Spectral broadening and performance improvement of PFO-based all-solution processed OLEDs. Dyes and Pigments, 2019, 171, 107671.	3.7	29
5	ATRP Initiators Based on Proton Transfer Benzazole Dyes: Solid-State Photoactive Polymer with Very Large Stokes Shift. ACS Applied Polymer Materials, 2020, 2, 1406-1416.	4.4	28
6	Near Attack Conformation as Strategy for ESIPT Modulation for White-Light Generation. Journal of Physical Chemistry C, 2020, 124, 22406-22415.	3.1	24
7	A selective proton transfer optical sensor for copper II based on chelation enhancement quenching effect (CHEQ). Dyes and Pigments, 2020, 181, 108566.	3.7	21
8	Synthesis, electrochemical, thermal and photophysical characterization of quinoxaline-based Ï€-extended electroluminescent heterocycles. Dyes and Pigments, 2018, 157, 218-229.	3.7	19
9	Experimental and Theoretical Investigation of Excited-State Intramolecular Proton Transfer Processes of Benzothiazole Derivatives in Amino-polydimethylsiloxanes before and after Cross-Linking by CO₂. Journal of Physical Chemistry A, 2020, 124, 288-299.	2.5	15
10	Photo and electroluminescence behavior of a polyfluorene derivative containing complexed europium ions. Journal of Luminescence, 2018, 201, 290-297.	3.1	14
11	Ratiometric thermochromism in europium-containing conjugated polymer. Polymer, 2019, 177, 65-72.	3.8	14
12	Effective targeting of proton transfer at ground and excited states of ortho-(2â€²-imidazolyl)naphthol constitutional isomers. Physical Chemistry Chemical Physics, 2015, 17, 2404-2415.	2.8	13
13	A new interpretation of the mechanism of wormlike micelle formation involving a cationic surfactant and salicylate. Journal of Colloid and Interface Science, 2019, 552, 794-800.	9.4	12
14	Speedingâ€‐up Thermally Activated Delayed Fluorescence in Cu(I) Complexes Using Aminophosphine Ligands. European Journal of Inorganic Chemistry, 2021, 2021, 3177-3184.	2.0	12
15	Complex Oxides Based on Silver, Bismuth, and Tungsten: Syntheses, Characterization, and Photoelectrochemical Behavior. Journal of Physical Chemistry C, 2018, 122, 13473-13480.	3.1	11
16	The Balance between Charge Mobility and Efficiency in All-Solution-Processed Organic Light-Emitting Diodes of Zn(II) Coordination Compounds/PFO Composites. Journal of Physical Chemistry C, 2020, 124, 21036-21046.	3.1	11
17	Excited state intramolecular proton transfer process in benzazole fluorophores tailored by polymeric matrix: A combined theoretical and experimental study. Journal of Molecular Liquids, 2019, 295, 111710.	4.9	9
18	Z-E isomerization of azobenzene based amphiphilic poly(urethane-urea)s: Influence on the dynamic mechanical properties and the effect of the self-assembly in solution on the isomerization kinetics. European Polymer Journal, 2020, 127, 109583.	5.4	9

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19	Synthesis and thermal, electrochemical, and photophysical investigation of carbazole/diphenyl benzothiadiazole-based fluorophores. Dyes and Pigments, 2020, 182, 108668.	3.7	8
20	Photophysical and Theoretical Interpretation of the Insensitive Emission to Temperature of a Metallopolymer Containing Europium Ions. Journal of Physical Chemistry B, 2020, 124, 6105-6111.	2.6	6
21	Solvent-induced terbium-emission in a fluorene-co-terpyridine metallopolymer. Polymer, 2021, 229, 123990.	3.8	6
22	Synthesis and photo-electro-thermal characterization of non-symmetrical 4,7-dibromobenzo[c][1,2,5]thiadiazole derivatives. Dyes and Pigments, 2020, 183, 108703.	3.7	4
23	Photoacidity of the N -salicylidene-5-chloroaminopyridine. Journal of Luminescence, 2017, 184, 268-272.	3.1	3
24	Enhancing the phosphorescence decay pathway of Cu(<scp>i</scp>) emitters â€“ the role of copperâ€“iodide moiety. Dalton Transactions, 2022, 51, 1008-1018.	3.3	3
25	Viscosity-induced dual-emission of europium ions containing metallopolymer. Synthetic Metals, 2021, 273, 116686.	3.9	2
26	Evaluation of the acidic strengths on electronic ground and excited states of proton transfer dye using Excitation-Emission fluorescence matrix (EEM) and Multivariate Curve Resolution with Alternating Least Squares (MCR-ALS). Methods and Applications in Fluorescence, 2020, 8, 045006.	2.3	2
27	Thermal behavior of wormlike micelles under turbulent and quiescent regimes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 603, 125271.	4.7	1
28	1-Butyl-2,3,3-trimethylindol-1-ium iodide. IUCrData, 2018, 3, .	0.3	1