

# Rodrigo da Costa Duarte

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

355  
citations

933447

10  
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794594

19  
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22  
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22  
docs citations

22  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Infrared Fluorophores Based on Heptamethine Cyanine Dyes: From Their Synthesis and Photophysical Properties to Recent Optical Sensing and Bioimaging Applications. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	10
2	Synthesis of novel symmetrical alkylated phenyltetrazol-based 1,3-diynes and their structure-properties relationship. <i>Dyes and Pigments</i> , 2022, 205, 110574.	3.7	3
3	Guest-Host Interactions in Symmetrical Carboxy Heptamethine Cyanine Dyes-Titanium Dioxide Systems: Synthesis, Theoretical Calculations, Aggregation Properties, and Application in Dye-Sensitized Solar Cells. <i>International Journal of Photoenergy</i> , 2021, 2021, 1-17.	2.5	1
4	Benzothiazole merocyanine dyes as middle pH optical sensors. <i>Dyes and Pigments</i> , 2020, 176, 108193.	3.7	19
5	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
6	The influence of precursors and additives on the hydrothermal synthesis of VO <sub>2</sub> : A route for tuning the metal-insulator transition temperature. <i>Ceramics International</i> , 2020, 46, 23560-23566.	4.8	5
7	Synthesis and thermal, electrochemical, and photophysical investigation of carbazole/diphenyl benzothiadiazole-based fluorophores. <i>Dyes and Pigments</i> , 2020, 182, 108668.	3.7	8
8	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
9	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.	2.8	17
10	New long-chain donor-acceptor-donor pyromellitic diimide (PMDI) derivatives. A combined theoretical and experimental study. <i>Dyes and Pigments</i> , 2018, 157, 143-150.	3.7	7
11	Synthesis, electrochemical, thermal and photophysical characterization of quinoxaline-based $\pi$ -extended electroluminescent heterocycles. <i>Dyes and Pigments</i> , 2018, 157, 218-229.	3.7	19
12	1-Butyl-2,3,3-trimethylindol-1-ium iodide. <i>IUCrData</i> , 2018, 3, .	0.3	1
13	2,1,3-Benzothiadiazole-based fluorophores. Synthesis, electrochemical, thermal and photophysical characterization. <i>Dyes and Pigments</i> , 2016, 135, 26-35.	3.7	23
14	Bis-arylsulfenyl- and bis-arylselanyl-benzo-2,1,3-thiadiazoles: synthesis and photophysical characterization. <i>RSC Advances</i> , 2016, 6, 49613-49624.	3.6	39
15	Synthesis and Characterization of Diethylphosphonate and Carboxylate-appended Iridium Complexes for the Application on Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2016, 1, 2842-2848.	1.5	4
16	Synthesis, electrochemical, thermal and photophysical characterization of photoactive discotic dyes based on the tris-[1,2,4]-triazolo-[1,3,5]-triazine core. <i>Dyes and Pigments</i> , 2016, 135, 49-56.	3.7	10
17	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
18	New photoactive D- $\pi$ -A- $\pi$ -D benzothiadiazole derivative: Synthesis, thermal and photophysical properties. <i>Dyes and Pigments</i> , 2016, 126, 209-217.	3.7	51

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19	New N-acylamino acids and derivatives from renewable fatty acids: gelation of hydrocarbons and thermal properties. <i>Tetrahedron Letters</i> , 2012, 53, 2454-2460.	1.4	28
20	Synthesis and antituberculosis activity of new fatty acid amides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5255-5257.	2.2	61
21	Síntese de novas amidas graxas a partir da aminólise de Ásteres metálicos. <i>Química Nova</i> , 2010, 33, 1335-1341.	0.3	13