

# Fabiano Severo Rodembusch

## List of Publications by Citations

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122  
papers

2,306  
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28  
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41  
g-index

139  
ext. papers

2,712  
ext. citations

4.1  
avg, IF

5.13  
L-index

#	Paper	IF	Citations
122	Synthesis and characterization of a novel organic-inorganic hybrid clay adsorbent for the removal of acid red 1 and acid green 25 from aqueous solutions. <i>Journal of Cleaner Production</i> , <b>2018</b> , 171, 30-44	10.3	137
121	Excited state intramolecular proton transfer in amino 2-(2'-hydroxyphenyl)benzazole derivatives: Effects of the solvent and the amino group position. <i>Journal of Luminescence</i> , <b>2007</b> , 126, 728-734	3.8	99
120	Novel selenoesters fluorescent liquid crystalline exhibiting a rich phase polymorphism. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 715-722		79
119	Hybrid adsorbents of tannin and APTES (3-aminopropyltriethoxysilane) and their application for the highly efficient removal of acid red 1 dye from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 4307-4318	6.8	72
118	Synthesis and Characterisation of Fluorescent Carbon Nanodots Produced in Ionic Liquids by Laser Ablation. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 138-43	4.8	64
117	Effects of first-row transition metals and impregnation ratios on the physicochemical properties of microwave-assisted activated carbons from wood biomass. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 486, 163-175	9.3	64
116	Synthesis and spectroscopic characterisation of new ESIPT fluorescent protein probes. <i>Photochemical and Photobiological Sciences</i> , <b>2005</b> , 4, 254-9	4.2	64
115	Symmetrical and asymmetrical cyanine dyes. Synthesis, spectral properties, and BSA association study. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 5511-20	4.2	62
114	White-light generation from all-solution-processed OLEDs using a benzothiazole-salophen derivative reactive to the ESIPT process. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 1172-1182	3.6	56
113	Synthesis of grafted natural pozzolan with 3-aminopropyltriethoxysilane: preparation, characterization, and application for removal of Brilliant Green 1 and Reactive Black 5 from aqueous solutions. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 21807-21820	5.1	55
112	A new totally flat N(sp <sup>2</sup> ))C(sp <sup>2</sup> ))N(sp <sup>2</sup> )) pincer palladacycle: synthesis and photoluminescent properties. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 530-6	5.1	48
111	The first silica aerogels fluorescent by excited state intramolecular proton transfer mechanism (ESIPT). <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 1537		44
110	New fluorescent monomers and polymers displaying an intramolecular proton-transfer mechanism in the electronically excited state (ESIPT). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2005</b> , 173, 81-92	4.7	44
109	New photoactive D-EA-ED benzothiadiazole derivative: Synthesis, thermal and photophysical properties. <i>Dyes and Pigments</i> , <b>2016</b> , 126, 209-217	4.6	43
108	Transition metal complexes from 2-(2'-hydroxyphenyl)benzoxazole: A spectroscopic and thermogravimetric stability study. <i>Materials Chemistry and Physics</i> , <b>2005</b> , 92, 389-393	4.4	38
107	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> , <b>2016</b> , 317, 175-185	4.7	37
106	Synthesis and photophysical properties of fluorescent 2,1,3-benzothiadiazole-triazole-linked glycoconjugates: selective chemosensors for Ni(II). <i>Tetrahedron</i> , <b>2013</b> , 69, 201-206	2.4	37

105	First hyperpolarizability in a new benzimidazole derivative. <i>Chemical Physics</i> , <b>2004</b> , 305, 115-121	2.3	34
104	Bis-arylsulfenyl- and bis-arylselanyl-benzo-2,1,3-thiadiazoles: synthesis and photophysical characterization. <i>RSC Advances</i> , <b>2016</b> , 6, 49613-49624	3.7	34
103	ESIPT-exhibiting protein probes: a sensitive method for rice proteins detection during starch extraction. <i>Photochemical and Photobiological Sciences</i> , <b>2007</b> , 6, 99-102	4.2	33
102	Modulation of the ESIPT emission of benzothiazole type dye incorporated in silica-based hybrid materials. <i>Langmuir</i> , <b>2009</b> , 25, 13219-23	4	32
101	Synthesis, characterization, and spectroscopic investigation of benzoxazole conjugated Schiff bases. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 13390-8	2.8	30
100	Cyclopalladated complexes of 4-aryl-2,1,3-benzothiadiazoles: new emitters in solution at room temperature. <i>Dalton Transactions</i> , <b>2011</b> , 40, 10535-44	4.3	30
99	Confinement effect on the photophysics of ESIPT fluorophores. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 2820-2827	7.1	29
98	Excited state chemistry of flavone derivatives in a confined medium: ESIPT emission in aqueous media. <i>Photochemical and Photobiological Sciences</i> , <b>2014</b> , 13, 992-6	4.2	29
97	Novel kaolin/polysiloxane based organic-inorganic hybrid materials: Sol-gel synthesis, characterization and photocatalytic properties. <i>Journal of Solid State Chemistry</i> , <b>2018</b> , 260, 106-116	3.3	28
96	Photoacidity as a tool to rationalize excited state intramolecular proton transfer reactivity in flavonols. <i>Photochemical and Photobiological Sciences</i> , <b>2018</b> , 17, 231-238	4.2	28
95	Multi-scale structured, superhydrophobic and wide-angle, antireflective coating in the near-infrared region. <i>Chemical Communications</i> , <b>2012</b> , 48, 4992-4	5.8	28
94	Photocatalytic activity of nanoneedles, nanospheres, and polyhedral shaped ZnO powders in organic dye degradation processes. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 572, 68-73	5.7	28
93	New fluorescent monomers and polymers displaying an intramolecular proton-transfer mechanism in the electronically excited state (ESIPT). IV. Synthesis of acryloylamide and diallylamino benzazole dyes and its copolymerization with MMA. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 99, 2109-2116	2.9	28
92	An evaluation of the chalcogen atom effect on the mesomorphic and electronic properties in a new homologous series of chalcogeno esters. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 2100-2107	1.5	26
91	Bromelain-Functionalized Multiple-Wall Lipid-Core Nanocapsules: Formulation, Chemical Structure and Antiproliferative Effect Against Human Breast Cancer Cells (MCF-7). <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 438-452	4.5	25
90	Novel ESIPT fluorescent benzazolyl-4-quinolones: Synthesis, spectroscopic characterization and photophysical properties. <i>Dyes and Pigments</i> , <b>2010</b> , 84, 114-120	4.6	25
89	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> , <b>2018</b> , 83, 15210-15224	4.2	25
88	Biodegradable and antimicrobial films based on poly(butylene adipate-co-terephthalate) electrospun fibers. <i>Polymer Bulletin</i> , <b>2017</b> , 74, 3243-3268	2.4	23

87	Synthesis and fluorescence properties of benzoxazole-1,4-dihydropyridine dyads achieved by a multicomponent reaction. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 4607-4614	3.6	23
86	Synthesis and photophysical properties of novel succinimidyl benzazole derivatives, evaluated by <i>Candida albicans</i> ATCC 10231 fluorescent staining. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 3048-3053	2	22
85	Divinyl sulfides/sulfones-based DAD dyes as efficient non-aromatic bridges for $\pi$ -conjugated compounds. <i>Dyes and Pigments</i> , <b>2014</b> , 102, 71-78	4.6	21
84	Synthesis of novel Triger $\pi$ bases analogues. The first ones fluorescent by excited state intramolecular proton transfer (ESIPT). <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 5601-5604	2	21
83	Low pH optical sensor based on benzothiazole azo dyes. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 259, 514-525	8.5	20
82	The role of a simple and effective salicylidene derivative. Spectral broadening and performance improvement of PFO-based all-solution processed OLEDs. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107671	4.6	19
81	Photophysical properties of a series of 4-aryl substituted 1,4-dihydropyridines. <i>Journal of Physical Organic Chemistry</i> , <b>2012</b> , 25, 769-777	2.1	19
80	Visible and near infrared, wide-angle, anti-reflection coatings with self-cleaning on glass. <i>Optical Materials Express</i> , <b>2012</b> , 2, 969	2.6	18
79	Synthesis of Amino Acid-Derived 1,2,3-Triazoles: Development of a Nontrivial Fluorescent Sensor in Solution for the Enantioselective Sensing of a Carbohydrate and Bovine Serum Albumin Interaction. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 1348-1357	4.2	17
78	Small heterocycles as highly luminescent building blocks in the solid state for organic synthesis. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 2785-2791	3.6	17
77	Evidence for excited state intramolecular charge transfer in benzazole-based pseudo-stilbenes. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 10994-1001	3.6	17
76	2,1,3-Benzothiadiazole-based fluorophores. Synthesis, electrochemical, thermal and photophysical characterization. <i>Dyes and Pigments</i> , <b>2016</b> , 135, 26-35	4.6	17
75	Synthesis, photophysical study and BSA association of water-insoluble squaraine dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2013</b> , 252, 77-83	4.7	16
74	Synthesis, characterization and photophysics of new photoactive ESIPT lipophilic dyes. Partition experiments with different composed liposomes. <i>Dyes and Pigments</i> , <b>2014</b> , 110, 134-142	4.6	15
73	A fast and cost-effective methodology for <i>Fonsecaea pedrosoi</i> ATCC46428 staining using ESIPT fluorescent dyes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2010</b> , 99, 126-32	6.7	15
72	Blue-green luminescent carbon nanodots produced in a silica matrix. <i>Carbon</i> , <b>2015</b> , 91, 234-240	10.4	14
71	Synthesis, spectroscopic characterization and photophysical study of dicyanomethylene-substituted squaraine dyes. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 454-462	2.7	14
70	Valorization of by-products of the sugar industry: New nanostructured hybrid materials containing sugar derived structures. <i>Comptes Rendus Chimie</i> , <b>2010</b> , 13, 566-574	2.7	14

69	Static light scattering, ultraviolet-visible, and fluorescence spectroscopy from fluorescent methyl methacrylate/benzazole dye copolymers displaying an intramolecular proton-transfer mechanism in the electronically excited state. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2003</b> , 41, 341-350	2.6	14
68	ATRP Initiators Based on Proton Transfer Benzazole Dyes: Solid-State Photoactive Polymer with Very Large Stokes Shift. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 1406-1416	4.3	13
67	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> , <b>2020</b> , 44, 12440-12451	3.6	13
66	Benzothiazole merocyanine dyes as middle pH optical sensors. <i>Dyes and Pigments</i> , <b>2020</b> , 176, 108193	4.6	13
65	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> , <b>2019</b> , 21, 4408-4420	3.6	12
64	Photophysical characterisation of Tröger's base molecular scaffolds: a combined theoretical and experimental study. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 6987-6996	3.6	12
63	Designing highly luminescent aryloxy-benzothiadiazole derivatives with aggregation-induced enhanced emission. <i>Dyes and Pigments</i> , <b>2020</b> , 178, 108377	4.6	12
62	Eco-friendly and cost-effective synthesis of ZnO nanopowders by Tapioca-assisted sol-gel route. <i>Ceramics International</i> , <b>2020</b> , 46, 10835-10842	5.1	12
61	Dipolar vinyl sulfur fluorescent dyes. Synthesis and photophysics of sulfide, sulfoxide and sulfone based D <sub>A</sub> compounds. <i>RSC Advances</i> , <b>2017</b> , 7, 8832-8842	3.7	11
60	Straightforward synthesis of photoactive chalcogen functionalized benzimidazo[1,2-a]quinolines. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 11596-11603	3.6	11
59	Elucidating Bauhinia variegata lectin/phosphatidylcholine interactions in lectin-containing liposomes. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 519, 232-241	9.3	11
58	Synthesis, electrochemical, thermal and photophysical characterization of quinoxaline-based extended electroluminescent heterocycles. <i>Dyes and Pigments</i> , <b>2018</b> , 157, 218-229	4.6	11
57	Synthesis and photophysical study of new fluorescent proton transfer dihydropyrimidinone hybrids as potential candidates for molecular probes. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 15305-15311	3.6	11
56	Study of structural and optical properties of ZnO nanoparticles synthesized by an eco-friendly tapioca-assisted route. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 258, 123926	4.4	11
55	Amphiphilic ESIPT benzoxazole derivatives as prospective fluorescent membrane probes. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 3024-3029	2	10
54	New insights on the ESIPT process based on solid-state data and state-of-the-art computational methods. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 1146-1155	3.6	10
53	Bis-silylated terephthalate as a building block precursor for highly fluorescent organic/inorganic hybrid materials. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 2506	3.6	9
52	Proton transfer in fluorescent secondary amines: synthesis, photophysics, theoretical calculation and preparation of photoactive phosphatidylcholine-based liposomes. <i>Photochemical and Photobiological Sciences</i> , <b>2019</b> , 18, 1171-1184	4.2	9

51	Photoinduced electron transfer across an organic molecular wall: octa acid encapsulated ESIPT dyes as electron donors. <i>Photochemical and Photobiological Sciences</i> , <b>2017</b> , 16, 840-844	4.2	8
50	Excited state intramolecular proton transfer process in benzazole fluorophores tailored by polymeric matrix: A combined theoretical and experimental study. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 295, 111710	6	8
49	Photophysical, photodynamical, redox properties and BSA interactions of novel isomeric tetracationic peripheral palladium(II)-bipyridyl porphyrins. <i>Dalton Transactions</i> , <b>2020</b> , 49, 16278-16295	4.3	8
48	A selective proton transfer optical sensor for copper II based on chelation enhancement quenching effect (CHEQ). <i>Dyes and Pigments</i> , <b>2020</b> , 181, 108566	4.6	8
47	Highly fluorescent lipophilic 2,1,3-benzothiadiazole fluorophores as optical sensors for tagging material and gasoline adulteration with ethanol. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 309, 127701	8.5	8
46	Glycoconjugates Based on Supramolecular Tröger Base Scaffold: Synthesis, Photophysics, Docking, and BSA Association Study. <i>ACS Omega</i> , <b>2019</b> , 4, 13509-13519	3.9	8
45	Ground and excited state properties of chalcogenol esters: a combined theoretical and experimental study. <i>Journal of Physical Organic Chemistry</i> , <b>2014</b> , 27, 336-343	2.1	8
44	Synthesis and photophysics of benzazole based triazoles with amino acid-derived pendant units. Multiparametric optical sensors for BSA and CT-DNA in solution. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 309, 113092	6	8
43	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> , <b>2016</b> , 135, 49-56	4.6	7
42	Theoretical and experimental study of the ground and excited states of 1,4-dihydropyridine based hexahydroquinoline derivatives achieved by microwave irradiation. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11686-11694	3.6	7
41	Static Light Scattering from ESIPT Copolymers of Poly(methyl methacrylate) - Benzazole Dyes. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 374, 367-372	0.5	7
40	Experimental and Theoretical Investigation of Excited-State Intramolecular Proton Transfer Processes of Benzothiazole Derivatives in Amino-polydimethylsiloxanes before and after Cross-Linking by CO. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 288-299	2.8	7
39	Tuning the photoactivity of TiO nanoarchitectures doped with cerium or neodymium and application to colour removal from wastewaters. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 42, 1038-1052	2.6	7
38	Photoluminescence of silica monoliths prepared from cold sintering of nanometric aerosil precursors under high pressure. <i>Journal of Luminescence</i> , <b>2017</b> , 187, 154-159	3.8	6
37	Dynamics of ESIPT fluorescent methylmethacrylate-Benzazole dye copolymers. <i>Polymer</i> , <b>2005</b> , 46, 7185-7190	3.9	6
36	Synthesis, photophysical characterization, CASSCF/CASPT2 calculations and CT-DNA interaction study of amino and azido benzazole analogues. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 297, 111938	6	6
35	The Balance between Charge Mobility and Efficiency in All-Solution-Processed Organic Light-Emitting Diodes of Zn(II) Coordination Compounds/PFO Composites. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 21036-21046	3.8	6
34	Evidence of a Photoinduced Electron-Transfer Mechanism in the Fluorescence Self-quenching of 2,5-Substituted Selenophenes Prepared through In Situ Reduction of Elemental Selenium in Superbasic Media. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 10140-10153	4.2	6

33	Photophysics of aminobenzazole dyes in silica-based hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , <b>2012</b> , 63, 235-241	2.3	5
32	Photoactive thin films of polycaprolactam doped with europium (III) complex using phenylalanine as ligand. <i>Applied Surface Science</i> , <b>2011</b> , 258, 1437-1442	6.7	5
31	Fluorescence emission modulation in singlefluoroforic submicro-sized silica particles. <i>Journal of Sol-Gel Science and Technology</i> , <b>2009</b> , 52, 305-308	2.3	5
30	Lophine and pyrimidine based photoactive molecular hybrids. Synthesis, photophysics, BSA interaction and DFT study. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 17126-17137	3.6	5
29	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> , <b>2019</b> , 165, 372-382	4.6	4
28	New long-chain donor-acceptor-donor pyromellitic diimide (PMDI) derivatives. A combined theoretical and experimental study. <i>Dyes and Pigments</i> , <b>2018</b> , 157, 143-150	4.6	4
27	FT-Raman and FTIR spectra of photoactive aminobenzazole derivatives in the solid state: A combined experimental and theoretical study. <i>Materials Chemistry and Physics</i> , <b>2014</b> , 148, 833-840	4.4	4
26	Silica-based organic/inorganic hybrid materials prepared from chiral precursors. <i>Comptes Rendus Chimie</i> , <b>2008</b> , 11, 1271-1276	2.7	4
25	New fluorescent monomers and polymers displaying an intramolecular proton-transfer mechanism in the electronically excited state. III. Thermogravimetric stability study of the benzazolylvinylene derivatives. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 99, 495-500	2.9	4
24	Facile Synthesis by Peroxide Method and Microwave-Assisted Hydrothermal Treatment of TiO <sub>2</sub> with High Photocatalytic Efficiency for Dye Degradation and Hydrogen Production. <i>ChemistrySelect</i> , <b>2018</b> , 3, 11454-11459	1.8	4
23	Tacrine-pyrimidine photoactive molecular hybrids: Synthesis, photophysics, docking and BSA interaction study. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 287, 110983	6	3
22	Non-traditional intrinsic luminescence of amphiphilic-based ionic liquids from oxazolidines: Interaction studies in phosphatidylcholine-composed liposomes and BSA optical sensing in solution. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 313, 113525	6	3
21	Ground and excited-state properties of 1,3-benzoselenazole derivatives: A combined theoretical and experimental photophysical investigation. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1207, 127817	3.4	3
20	Magnetically Responsive Silica Hollow Spheres: Straightforward Synthesis of Accessible Micro-Sized Containers. <i>Particle and Particle Systems Characterization</i> , <b>2018</b> , 35, 1800160	3.1	3
19	Time-dependent DFT-PCM investigation of the photophysics of ESIPT-exhibiting benzazole dyes. <i>International Journal of Quantum Chemistry</i> , <b>2008</b> , 108, 2334-2339	2.1	3
18	New fluorescent elastomeric materials based on synthetic and natural epoxidized rubbers. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 282-287	2.9	3
17	A New ESIPT Fluorescent Dye-Doped Silica Aerogel. <i>Macromolecular Symposia</i> , <b>2005</b> , 229, 188-193	0.8	3
16	Ab initio determination of the C <sub>6</sub> H <sub>6</sub> ?CS <sub>2</sub> cluster stabilization energy. <i>Chemical Physics</i> , <b>2000</b> , 253, 165-170	3	3

15	Photoactive homomolecular bis(n)-Lophine dyads: Multicomponent synthesis, photophysical properties, theoretical investigation, docking and interaction studies with biomacromolecules. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 118084	6	3
14	Synthesis and thermal, electrochemical, and photophysical investigation of carbazole/diphenyl benzothiadiazole-based fluorophores. <i>Dyes and Pigments</i> , <b>2020</b> , 182, 108668	4.6	3
13	Synthesis and Characterization of Diethylphosphonate and Carboxylate-Appended Iridium Complexes for the Application on Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , <b>2016</b> , 1, 2842-2848	1.8	3
12	Synthesis, DNA Interaction and Genotoxic Evaluation of a Photoactive Benzothiadiazole with Potential Application in Photovoltaic Paint. <i>Journal of the Brazilian Chemical Society</i> , <b>2017</b> ,	1.5	2
11	Photoactive organic-inorganic hybrid materials: From silylated compounds to optical applications. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , <b>2021</b> , 51, 100474	16.4	2
10	Synthesis of a 5-Carboxy Indole-Based Spiropyran Fluorophore: Thermal, Electrochemical, Photophysical and Bovine Serum Albumin Interaction Investigations. <i>Chemosensors</i> , <b>2020</b> , 8, 31	4	2
9	Synthesis and photo-electro-thermal characterization of non-symmetrical 4,7-dibromobenzo[c][1,2,5]thiadiazole derivatives. <i>Dyes and Pigments</i> , <b>2020</b> , 183, 108703	4.6	2
8	Imidazoles and Oxazoles from Lapachones and Phenanthrene-9,10-dione: A Journey through their Synthesis, Biological Studies, and Optical Applications. <i>Chemical Record</i> , <b>2021</b> , 21, 2702-2738	6.6	2
7	Antibiotic-loaded wound dressings obtained from the PBAT-gentamicin combination. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50633	2.9	2
6	Highly Water-Stable Polymer-Perovskite Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	1
5	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). <i>Methods and Applications in Fluorescence</i> , <b>2020</b> , 8, 045006	3.1	1
4	Frontispiece: Synthesis and Characterisation of Fluorescent Carbon Nanodots Produced in Ionic Liquids by Laser Ablation. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22,	4.8	1
3	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> ,	3	1
2	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> , <b>2022</b> , 429, 113915	4.7	0
1	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> , <b>2021</b> , 2021, 1-17	2.1	