Fabiano Severo Rodembusch

List of Publications by Year
in descending order

134	3,078	147726	214721
papers	citations	31 h-index	47 g-index

139	139	139	3459
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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. Journal of Cleaner Production, 2018, 171, 30-44.	4.6	178
2	Excited state intramolecular proton transfer in amino 2-(2â€²-hydroxyphenyl)benzazole derivatives: Effects of the solvent and the amino group position. Journal of Luminescence, 2007, 126, 728-734.	1.5	123
3	Novel selenoesters fluorescent liquid crystalline exhibiting a rich phase polymorphism. Journal of Materials Chemistry, 2010, 20, 715-722.	6.7	96
4	Effects of first-row transition metals and impregnation ratios on the physicochemical properties of microwave-assisted activated carbons from wood biomass. Journal of Colloid and Interface Science, 2017, 486, 163-175.	5.0	95
5	Hybrid adsorbents of tannin and APTES (3-aminopropyltriethoxysilane) and their application for the highly efficient removal of acid red 1 dye from aqueous solutions. Journal of Environmental Chemical Engineering, 2017, 5, 4307-4318.	3.3	89
6	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.	1.3	84
7	Symmetrical and Asymmetrical Cyanine Dyes. Synthesis, Spectral Properties, and BSA Association Study. Journal of Organic Chemistry, 2014, 79, 5511-5520.	1.7	78
8	Synthesis and Characterisation of Fluorescent Carbon Nanodots Produced in Ionic Liquids by Laser Ablation. Chemistry - A European Journal, 2016, 22, 138-143.	1.7	75
9	Synthesis and spectroscopic characterisation of new ESIPT fluorescent protein probes. Photochemical and Photobiological Sciences, 2005, 4, 254.	1.6	74
10	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. Environmental Science and Pollution Research, 2017, 24, 21807-21820.	2.7	73
11	Excited state behavior of benzoxazole derivatives in a confined environment afforded by a water soluble octaacid capsule. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 317, 175-185.	2.0	53
12	Synthesis and photophysical properties of fluorescent 2,1,3-benzothiadiazole-triazole-linked glycoconjugates: selective chemosensors for Ni(II). Tetrahedron, 2013, 69, 201-206.	1.0	51
13	New photoactive D-Ï€-A-Ï€-D benzothiadiazole derivative: Synthesis, thermal and photophysical properties. Dyes and Pigments, 2016, 126, 209-217.	2.0	51
14	A New Totally Flat N(sp2)C(sp2)N(sp2) Pincer Palladacycle:â€‰ Synthesis and Photoluminescent Properties. Inorganic Chemistry, 2004, 43, 530-536.	1.9	49
15	New fluorescent monomers and polymers displaying an intramolecular proton-transfer mechanism in the electronically excited state (ESIPT). Journal of Photochemistry and Photobiology A: Chemistry, 2005, 173, 81-92.	2.0	49
16	The first silica aerogels fluorescent by excited state intramolecular proton transfer mechanism (ESIPT). Journal of Materials Chemistry, 2005, 15, 1537.	6.7	47
17	Transition metal complexes from 2-(2â€²-hydroxyphenyl)benzoxazole: A spectroscopic and thermogravimetric stability study. Materials Chemistry and Physics, 2005, 92, 389-393.	2.0	42
18	Bis-arylsulfenyl- and bis-arylselanyl-benzo-2,1,3-thiadiazoles: synthesis and photophysical characterization. RSC Advances, 2016, 6, 49613-49624.	1.7	39

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19	Confinement effect on the photophysics of ESIPT fluorophores. Journal of Materials Chemistry C, 2016, 4, 2820-2827.	2.7	39
20	First hyperpolarizability in a new benzimidazole derivative. Chemical Physics, 2004, 305, 115-121.	0.9	37
21	Excited state chemistry of flavone derivatives in a confined medium: ESIPT emission in aqueous media. Photochemical and Photobiological Sciences, 2014, 13, 992-996.	1.6	37
22	Novel kaolin/polysiloxane based organic-inorganic hybrid materials: Sol-gel synthesis, characterization and photocatalytic properties. Journal of Solid State Chemistry, 2018, 260, 106-116.	1.4	37
23	Cyclopalladated complexes of 4-aryl-2,1,3-benzothiadiazoles: new emitters in solution at room temperature. Dalton Transactions, 2011, 40, 10535.	1.6	35
24	Proton-Transfer-Based Azides with Fluorescence Offâ€“On Response for Detection of Hydrogen Sulfide: An Experimental, Theoretical, and Bioimaging Study. Journal of Organic Chemistry, 2018, 83, 15210-15224.	1.7	35
25	ESIPT-exhibiting protein probes: a sensitive method for rice proteins detection during starchextraction. Photochemical and Photobiological Sciences, 2007, 6, 99-102.	1.6	34
26	Modulation of the ESIPT Emission of Benzothiazole Type Dye Incorporated in Silica-Based Hybrid Materials. Langmuir, 2009, 25, 13219-13223.	1.6	34
27	Photoacidity as a tool to rationalize excited state intramolecular proton transfer reactivity in flavonols. Photochemical and Photobiological Sciences, 2018, 17, 231-238.	1.6	34
28	Synthesis, Characterization, and Spectroscopic Investigation of Benzoxazole Conjugated Schiff Bases. Journal of Physical Chemistry A, 2011, 115, 13390-13398.	1.1	33
29	Photocatalytic activity of nanoneedles, nanospheres, and polyhedral shaped ZnO powders in organic dye degradation processes. Journal of Alloys and Compounds, 2013, 572, 68-73.	2.8	33
30	Bromelain-Functionalized Multiple-Wall Lipid-Core Nanocapsules: Formulation, Chemical Structure and Antiproliferative Effect Against Human Breast Cancer Cells (MCF-7). Pharmaceutical Research, 2017, 34, 438-452.	1.7	33
31	An evaluation of the chalcogen atom effect on the mesomorphic and electronic properties in a new homologous series of chalcogeno esters. Journal of the Brazilian Chemical Society, 2010, 21, 2100-2107.	0.6	32
32	Multi-scale structured, superhydrophobic and wide-angle, antireflective coating in the near-infrared region. Chemical Communications, 2012, 48, 4992.	2.2	31
33	Biodegradable and antimicrobial films based on poly(butylene adipate-co-terephthalate) electrospun fibers. Polymer Bulletin, 2017, 74, 3243-3268.	1.7	31
34	Low pH optical sensor based on benzothiazole azo dyes. Sensors and Actuators B: Chemical, 2018, 259, 514-525.	4.0	31
35	Novel ESIPT fluorescent benzazolyl-4-quinolones: Synthesis, spectroscopic characterization and photophysical properties. Dyes and Pigments, 2010, 84, 114-120.	2.0	30
36	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. Journal of Applied Polymer Science, 2006, 99, 2109-2116.	1.3	29

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37	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.	2.0	29
38	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.	2.0	28
39	Synthesis and photophysical properties of novel succinimidyl benzazole derivatives, evaluated by Candida albicans ATCC 10231 fluorescent staining. Tetrahedron Letters, 2011, 52, 3048-3053.	0.7	27
40	Synthesis and fluorescence properties of benzoxazole-1,4-dihydropyridine dyads achieved by a multicomponent reaction. New Journal of Chemistry, 2014, 38, 4607-4614.	1.4	27
41	Divinyl sulfides/sulfones-based Dâ€“Ï€â€“Aâ€“Ï€â€“D dyes as efficient non-aromatic bridges for Ï€-conjugated compounds. Dyes and Pigments, 2014, 102, 71-78.	2.0	26
42	Designing highly luminescent aryloxy-benzothiadiazole derivatives with aggregation-induced enhanced emission. Dyes and Pigments, 2020, 178, 108377.	2.0	26
43	New insights on the ESIPT process based on solid-state data and state-of-the-art computational methods. Physical Chemistry Chemical Physics, 2021, 23, 1146-1155.	1.3	26
44	Small heterocycles as highly luminescent building blocks in the solid state for organic synthesis. New Journal of Chemistry, 2016, 40, 2785-2791.	1.4	25
45	Photophysical properties of a series of 4â€aryl substituted 1,4â€dihydropyridines. Journal of Physical Organic Chemistry, 2012, 25, 769-777.	0.9	24
46	Eco-friendly and cost-effective synthesis of ZnO nanopowders by Tapioca-assisted sol-gel route. Ceramics International, 2020, 46, 10835-10842.	2.3	24
47	Hybrid 3,4-dihydropyrimidin-2-(thi)ones as dual-functional bioactive molecules: fluorescent probes and cytotoxic agents to cancer cells. New Journal of Chemistry, 2020, 44, 12440-12451.	1.4	24
48	Synthesis of novel TrÃ¶ger's bases analogues. The first ones fluorescent by excited state intramolecular proton transfer (ESIPT). Tetrahedron Letters, 2004, 45, 5601-5604.	0.7	23
49	2,1,3-Benzothiadiazole-based fluorophores. Synthesis, electrochemical, thermal and photophysical characterization. Dyes and Pigments, 2016, 135, 26-35.	2.0	23
50	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. Journal of Organic Chemistry, 2018, 83, 1348-1357.	1.7	23
51	Evidence for excited state intramolecular charge transfer in benzazole-based pseudo-stilbenes. Physical Chemistry Chemical Physics, 2012, 14, 10994.	1.3	21
52	A selective proton transfer optical sensor for copper II based on chelation enhancement quenching effect (CHEQ). Dyes and Pigments, 2020, 181, 108566.	2.0	21
53	Synthesis, characterization and photophysics of new photoactive ESIPT lipophilic dyes. Partition experiments with different composed liposomes. Dyes and Pigments, 2014, 110, 134-142.	2.0	20
54	Straightforward synthesis of photoactive chalcogen functionalized benzimidazo[1,2-a]quinolines. New Journal of Chemistry, 2019, 43, 11596-11603.	1.4	20

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55	Study of structural and optical properties of ZnO nanoparticles synthesized by an eco-friendly tapioca-assisted route. Materials Chemistry and Physics, 2021, 258, 123926.	2.0	20
56	Visible and near infrared, wide-angle, anti-reflection coatings with self-cleaning on glass. Optical Materials Express, 2012, 2, 969.	1.6	19
57	Synthesis, photophysical study and BSA association of water-insoluble squaraine dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 252, 77-83.	2.0	19
58	Synthesis, electrochemical, thermal and photophysical characterization of quinoxaline-based Ï€-extended electroluminescent heterocycles. Dyes and Pigments, 2018, 157, 218-229.	2.0	19
59	Benzothiazole merocyanine dyes as middle pH optical sensors. Dyes and Pigments, 2020, 176, 108193.	2.0	19
60	Experimental and theoretical investigation of long-wavelength fluorescence emission in pushâ€“pull benzazoles: intramolecular proton transfer or charge transfer in the excited state?. Physical Chemistry Chemical Physics, 2019, 21, 4408-4420.	1.3	17
61	Photoactive organic-inorganic hybrid materials: From silylated compounds to optical applications. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2022, 51, 100474.	5.6	17
62	A fast and cost-effective methodology for Fonsecaea pedrosoi ATCC46428 staining using ESIPT fluorescent dyes. Journal of Photochemistry and Photobiology B: Biology, 2010, 99, 126-132.	1.7	16
63	Valorization of by-products of the sugar industry: New nanostructured hybrid materials containing sugar derived structures. Comptes Rendus Chimie, 2010, 13, 566-574.	0.2	16
64	Amphiphilic ESIPT benzoxazole derivatives as prospective fluorescent membrane probes. Tetrahedron Letters, 2014, 55, 3024-3029.	0.7	16
65	FT-Raman and FTIR spectra of photoactive aminobenzazole derivatives in the solid state: A combined experimental and theoretical study. Materials Chemistry and Physics, 2014, 148, 833-840.	2.0	16
66	Synthesis and photophysics of benzazole based triazoles with amino acid-derived pendant units. Multiparametric optical sensors for BSA and CT-DNA in solution. Journal of Molecular Liquids, 2020, 309, 113092.	2.3	16
67	Synthesis, spectroscopic characterization and photophysical study of dicyanomethylene-substituted squaraine dyes. Comptes Rendus Chimie, 2012, 15, 454-462.	0.2	15
68	Synthesis and photophysical study of new fluorescent proton transfer dihydropyrimidinone hybrids as potential candidates for molecular probes. New Journal of Chemistry, 2017, 41, 15305-15311.	1.4	15
69	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.	1.1	15
70	Photophysical, photodynamical, redox properties and BSA interactions of novel isomeric tetracationic peripheral palladium(<scp>ii</scp>)-bipyridyl porphyrins. Dalton Transactions, 2020, 49, 16278-16295.	1.6	15
71	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. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 341-350.	2.4	14
72	Bis-silylated terephthalate as a building block precursor for highly fluorescent organicâ€“inorganic hybrid materials. New Journal of Chemistry, 2012, 36, 2506.	1.4	14

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73	Blueâ€“green luminescent carbon nanodots produced in a silica matrix. Carbon, 2015, 91, 234-240.	5.4	14
74	Dipolar vinyl sulfur fluorescent dyes. Synthesis and photophysics of sulfide, sulfoxide and sulfone based Dâ€“Ï€â€“A compounds. RSC Advances, 2017, 7, 8832-8842.	1.7	14
75	Elucidating Bauhinia variegata lectin/phosphatidylcholine interactions in lectin-containing liposomes. Journal of Colloid and Interface Science, 2018, 519, 232-241.	5.0	14
76	Glycoconjugates Based on Supramolecular TrÃ¶gerâ€™s Base Scaffold: Synthesis, Photophysics, Docking, and BSA Association Study. ACS Omega, 2019, 4, 13509-13519.	1.6	14
77	Highly fluorescent lipophilic 2,1,3-benzothiadiazole fluorophores as optical sensors for tagging material and gasoline adulteration with ethanol. Sensors and Actuators B: Chemical, 2020, 309, 127701.	4.0	14
78	Photophysical characterisation of TrÃ¶ger's base molecular scaffolds: a combined theoretical and experimental study. New Journal of Chemistry, 2015, 39, 6987-6996.	1.4	13
79	Proton transfer in fluorescent secondary amines: synthesis, photophysics, theoretical calculation and preparation of photoactive phosphatidylcholine-based liposomes. Photochemical and Photobiological Sciences, 2019, 18, 1171-1184.	1.6	13
80	Imidazoles and Oxazoles from Lapachones and Phenanthreneâ€9,10â€dione: A Journey through their Synthesis, Biological Studies, and Optical Applications. Chemical Record, 2021, 21, 2702-2738.	2.9	13
81	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. Journal of Organic Chemistry, 2021, 86, 10140-10153.	1.7	12
82	Photoinduced electron transfer across an organic molecular wall: octa acid encapsulated ESIPT dyes as electron donors. Photochemical and Photobiological Sciences, 2017, 16, 840-844.	1.6	11
83	Photoluminescence of silica monoliths prepared from cold sintering of nanometric aerosil precursors under high pressure. Journal of Luminescence, 2017, 187, 154-159.	1.5	11
84	Theoretical and experimental study of the ground and excited states of 1,4-dihydropyridine based hexahydroquinoline derivatives achieved by microwave irradiation. New Journal of Chemistry, 2017, 41, 11686-11694.	1.4	11
85	Synthesis, photophysical characterization, CASSCF/CASPT2 calculations and CT-DNA interaction study of amino and azido benzazole analogues. Journal of Molecular Liquids, 2020, 297, 111938.	2.3	11
86	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.	1.5	11
87	Highly Water-Stable Polymerâ€“Perovskite Nanocomposites. ACS Applied Materials & Interfaces, 2021, 13, 59252-59262.	4.0	11
88	Ground and excited state properties of chalcogenol esters: a combined theoretical and experimental study. Journal of Physical Organic Chemistry, 2014, 27, 336-343.	0.9	10
89	Synthesis, electrochemical, thermal and photophysical characterization of photoactive discotic dyes based on the tris-[1,2,4]-triazolo-[1,3,5]-triazine core. Dyes and Pigments, 2016, 135, 49-56.	2.0	10
90	Nearâ€Infrared Fluorophores Based on Heptamethine Cyanine Dyes: From Their Synthesis and Photophysical Properties to Recent Optical Sensing and Bioimaging Applications. Asian Journal of Organic Chemistry, 2022, 11, .	1.3	10

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91	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.	2.3	9
92	Tuning the photoactivity of TiO₂ nanoarchitectures doped with cerium or neodymium and application to colour removal from wastewaters. Environmental Technology (United Kingdom), 2021, 42, 1038-1052.	1.2	9
93	Non-traditional intrinsic luminescence of amphiphilic-based ionic liquids from oxazolidines: Interaction studies in phosphatidylcholine-composed liposomes and BSA optical sensing in solution. Journal of Molecular Liquids, 2020, 313, 113525.	2.3	8
94	Antibioticâ€loaded wound dressings obtained from the <scp>PBAT</scp>â€gentamicin combination. Journal of Applied Polymer Science, 2021, 138, 50633.	1.3	8
95	Synthesis and thermal, electrochemical, and photophysical investigation of carbazole/diphenyl benzothiadiazole-based fluorophores. Dyes and Pigments, 2020, 182, 108668.	2.0	8
96	Static Light Scattering from ESIPT Copolymers of Poly(methyl methacrylate) - Benzazole Dyes. Molecular Crystals and Liquid Crystals, 2002, 374, 367-372.	0.4	7
97	Fluorescence emission modulation in singlefluoroforic submicro-sized silica particles. Journal of Sol-Gel Science and Technology, 2009, 52, 305-308.	1.1	7
98	Photoactive thin films of polycaprolactam doped with europium (III) complex using phenylalanine as ligand. Applied Surface Science, 2011, 258, 1437-1442.	3.1	7
99	New long-chain donor-acceptor-donor pyromellitic diimide (PMDI) derivatives. A combined theoretical and experimental study. Dyes and Pigments, 2018, 157, 143-150.	2.0	7
100	Lophine and pyrimidine based photoactive molecular hybrids. Synthesis, photophysics, BSA interaction and DFT study. New Journal of Chemistry, 2018, 42, 17126-17137.	1.4	7
101	Synthesis, experimental and theoretical photophysical study of proton transfer based oxazoline fluorophores. Potential tailor made optical sensors for enantiomeric detection in solution. Dyes and Pigments, 2019, 165, 372-382.	2.0	7
102	Synthesis of a 5-Carboxy Indole-Based Spiropyran Fluorophore: Thermal, Electrochemical, Photophysical and Bovine Serum Albumin Interaction Investigations. Chemosensors, 2020, 8, 31.	1.8	7
103	Photoactive homomolecular bis(n)-Lophine dyads: Multicomponent synthesis, photophysical properties, theoretical investigation, docking and interaction studies with biomacromolecules. Journal of Molecular Liquids, 2022, 349, 118084.	2.3	7
104	Dynamics of ESIPT fluorescent methylmethacrylateâ€“benzazole dye copolymers. Polymer, 2005, 46, 7185-7190.	1.8	6
105	Ground and excited-state properties of 1,3-benzoselenazole derivatives: A combined theoretical and experimental photophysical investigation. Journal of Molecular Structure, 2020, 1207, 127817.	1.8	6
106	Silica-based organicâ€“inorganic hybrid materials prepared from chiral precursors. Comptes Rendus Chimie, 2008, 11, 1271-1276.	0.2	5
107	Photophysics of aminobenzazole dyes in silica-based hybrid materials. Journal of Sol-Gel Science and Technology, 2012, 63, 235-241.	1.1	5
108	New fluorescent monomers and polymers displaying an intramolecular proton-transfer mechanism in the electronically excited state. III. Thermogravimetric stability study of the benzazolylvinylene derivatives. Journal of Applied Polymer Science, 2006, 99, 495-500.	1.3	4

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109	Timeâ€dependent DFTâ€PCM investigation of the photophysics of ESIPTâ€exhibiting benzazole dyes. International Journal of Quantum Chemistry, 2008, 108, 2334-2339.	1.0	4
110	Synthesis and Characterization of Diethylphosphonate and Carboxylate-appended Iridium Complexes for the Application on Dye-Sensitized Solar Cells. ChemistrySelect, 2016, 1, 2842-2848.	0.7	4
111	Facile Synthesis by Peroxide Method and Microwaveâ€Assisted Hydrothermal Treatment of TiO₂ with High Photocatalytic Efficiency for Dye Degradation and Hydrogen Production. ChemistrySelect, 2018, 3, 11454-11459.	0.7	4
112	Tacrine-pyrimidine photoactive molecular hybrids: Synthesis, photophysics, docking and BSA interaction study. Journal of Molecular Liquids, 2019, 287, 110983.	2.3	4
113	Synthesis and photo-electro-thermal characterization of non-symmetrical 4,7-dibromobenzo[c][1,2,5]thiadiazole derivatives. Dyes and Pigments, 2020, 183, 108703.	2.0	4
114	Ab initio determination of the C6H6â¯CS2 cluster stabilization energy. Chemical Physics, 2000, 253, 165-170.	0.9	3
115	A New ESIPT Fluorescent Dye-Doped Silica Aerogel. Macromolecular Symposia, 2005, 229, 188-193.	0.4	3
116	New fluorescent elastomeric materials based on synthetic and natural epoxidized rubbers. Journal of Applied Polymer Science, 2008, 109, 282-287.	1.3	3
117	Magnetically Responsive Silica Hollow Spheres: Straightforward Synthesis of Accessible Microâ€Sized Containers. Particle and Particle Systems Characterization, 2018, 35, 1800160.	1.2	3
118	Theoretical and experimental investigation of 1,4-dihydropyridine-based hexahydroquinoline-3-carboxylates: Photophysics and bovine serum albumin binding studies. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113915.	2.0	3
119	Synthesis of novel symmetrical alkylated phenyltetrazol-based 1,3-diynes and their structure-properties relationship. Dyes and Pigments, 2022, 205, 110574.	2.0	3
120	Synthesis, characterization and photophysical properties of ESIPT reactive triazine derivatives. Journal of the Brazilian Chemical Society, 2012, , .	0.6	2
121	Frontispiece: Synthesis and Characterisation of Fluorescent Carbon Nanodots Produced in Ionic Liquids by Laser Ablation. Chemistry - A European Journal, 2016, 22, .	1.7	2
122	Synthesis, DNA Interaction and Genotoxic Evaluation of a Photoactive Benzothiadiazole with Potential Application in Photovoltaic Paint. Journal of the Brazilian Chemical Society, 2017, , .	0.6	2
123	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.	1.1	2
124	Synthesis and Photophysical Characterization of Proton Transfer-Based Thiourea Derivatives: Potential Application as Colorimetric Naked-Eye Chemosensor for Fluoride Detection in Solution. Journal of the Brazilian Chemical Society, 2017, , .	0.6	1
125	Guest-Host Interactions in Symmetrical Carboxy Heptamethine Cyanine Dyes-Titanium Dioxide Systems: Synthesis, Theoretical Calculations, Aggregation Properties, and Application in Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2021, 2021, 1-17.	1.4	1
126	1-Butyl-2,3,3-trimethylindol-1-ium iodide. IUCrData, 2018, 3, .	0.1	1

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127	Interaction Study between ESIPT Fluorescent Lipophile-Based Benzazoles and BSA. Molecules, 2021, 26, 6728.	1.7	1
128	Nano-microstructured, superhydrophobic, and near-infrared antireflective thin films on glass. Proceedings of SPIE, 2012, , .	0.8	0
129	Synthesis of cyanine dyes: potential fluorescent probes for biological applications. , 0, , .		0
130	Novel Photoactive N-Heterocycles Bearing a Benzoxazole Moiety: Synthesis and Photophysical study. , 0, , .		0
131	Synthesis of squaraine dyes with potential application in protein detection by fluorescence spectroscopy. , 0, , .		0
132	Synthesis and spectroscopic characterization of urea/thiourea derivatives for potential optical sensors application. , 0, , .		0
133	New ESIPT fluorescent aldehydes as building blocks for organic photoactive compounds. , 0, , .		0
134	Synthesis and photophysical properties of a TrÃ¶gerâ€™s basetriazole- linked glycoconjugate. , 0, , .		0