

Guido Viscardi

List of Publications by Year in descending order

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7,736
citations

76326

40
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56724

83
g-index

188
all docs

188
docs citations

188
times ranked

8416
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Experimental and DFT-TDDFT Computational Study of Photoelectrochemical Cell Ruthenium Sensitizers. <i>Journal of the American Chemical Society</i> , 2005, 127, 16835-16847.	13.7	2,645
2	Stepwise assembly of amphiphilic ruthenium sensitizers and their applications in dye-sensitized solar cell. <i>Coordination Chemistry Reviews</i> , 2004, 248, 1317-1328.	18.8	241
3	Design, Synthesis, and Application of Amphiphilic Ruthenium Polypyridyl Photosensitizers in Solar Cells Based on Nanocrystalline TiO ₂ Films. <i>Langmuir</i> , 2002, 18, 952-954.	3.5	238
4	Synthesis, Characterization, and DFT-TDDFT Computational Study of a Ruthenium Complex Containing a Functionalized Tetradentate Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 4642-4653.	4.0	167
5	A study of the interaction between fluorescein sodium salt and bovine serum albumin by steady-state fluorescence. <i>Dyes and Pigments</i> , 2009, 80, 307-313.	3.7	132
6	Gemini Pyridinium Surfactants: Synthesis and Conductometric Study of a Novel Class of Amphiphiles 1. <i>Journal of Organic Chemistry</i> , 2003, 68, 7651-7660.	3.2	109
7	Synthesis and Surface and Antimicrobial Properties of Novel Cationic Surfactants. <i>Journal of Organic Chemistry</i> , 2000, 65, 8197-8203.	3.2	105
8	Hydrogel Electrolytes Based on Xanthan Gum: Green Route towards Stable Dye-Sensitized Solar Cells. <i>Nanomaterials</i> , 2020, 10, 1585.	4.1	103
9	Approaching truly sustainable solar cells by the use of water and cellulose derivatives. <i>Green Chemistry</i> , 2017, 19, 1043-1051.	9.0	98
10	Cobalt-Based Electrolytes for Dye-Sensitized Solar Cells: Recent Advances towards Stable Devices. <i>Energies</i> , 2016, 9, 384.	3.1	97
11	Unveiling iodine-based electrolytes chemistry in aqueous dye-sensitized solar cells. <i>Chemical Science</i> , 2016, 7, 4880-4890.	7.4	90
12	Finely tuning electrolytes and photoanodes in aqueous solar cells by experimental design. <i>Solar Energy</i> , 2018, 163, 251-255.	6.1	90
13	Highly bright and photostable cyanine dye-doped silica nanoparticles for optical imaging: Photophysical characterization and cell tests. <i>Dyes and Pigments</i> , 2010, 84, 121-127.	3.7	89
14	Polymethine Dyes in Hybrid Photovoltaics: Structure-Properties Relationships. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2244-2259.	2.4	84
15	Boosting the efficiency of aqueous solar cells: A photoelectrochemical estimation on the effectiveness of TiCl ₄ treatment. <i>Electrochimica Acta</i> , 2019, 302, 31-37.	5.2	81
16	Symmetric vs. asymmetric squaraines as photosensitisers in mesoscopic injection solar cells: a structure-property relationship study. <i>Chemical Communications</i> , 2012, 48, 2782.	4.1	79
17	A mass spectrometric analysis of sensitizer solution used for dye-sensitized solar cell. <i>Inorganica Chimica Acta</i> , 2008, 361, 798-805.	2.4	78
18	Chemicals from Wastes: Compost-Derived Humic Acid-like Matter as Surfactant. <i>Environmental Science & Technology</i> , 2006, 40, 1686-1692.	10.0	74

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19	ZnO Nanostructures Application in Electrochemistry: Influence of Morphology. Journal of Physical Chemistry C, 2021, 125, 1472-1482.	3.1	71
20	Photoanode/Electrolyte Interface Stability in Aqueous Dye-Sensitized Solar Cells. Energy Technology, 2017, 5, 300-311.	3.8	68
21	Determination of banned Sudan dyes in food samples by molecularly imprinted solid phase extraction-high performance liquid chromatography. Journal of Separation Science, 2009, 32, 3292-3300.	2.5	67
22	Photophysical properties and computational investigations of tricarbonylrhenium(I)[2-(4-methylpyridin-2-yl)benzo[d]-X-azole]L and tricarbonylrhenium(I)[2-(benzo[d]-X-azol-2-yl)-4-methylquinoline]L derivatives (X=N≡CH ₃ , O, or S); Tj ETQq0 0 0 TgBT /Overflock 10 Tf	1.8	66
23	Xanthan-Based Hydrogel for Stable and Efficient Quasi-Solid Truly Aqueous Dye-Sensitized Solar Cell with Cobalt Mediator. Solar Rrl, 2021, 5, 2000823.	5.8	65
24	Properties of novel azodyes containing powerful acceptor groups and thiophene moiety. Synthetic Metals, 2000, 115, 213-217.	3.9	64
25	Microwave-Assisted Synthesis of Near-Infrared Fluorescent Indole-Based Squaraines. Organic Letters, 2015, 17, 3306-3309.	4.6	62
26	ZnO Nanowire Application in Chemoresistive Sensing: A Review. Nanomaterials, 2017, 7, 381.	4.1	60
27	Oxidative degradation of Remazol Turquoise Blue G 133 by soybean peroxidase. Journal of Inorganic Biochemistry, 2011, 105, 321-327.	3.5	59
28	Functional Dyes in Polymeric 3D Printing: Applications and Perspectives. , 2021, 3, 1-17.		58
29	Enhancing the efficiency of a dye sensitized solar cell due to the energy transfer between CdSe quantum dots and a designed squaraine dye. RSC Advances, 2012, 2, 2748.	3.6	56
30	Dye-surfactant interactions and their applications. Accounts of Chemical Research, 1991, 24, 98-103.	15.6	53
31	Synthesis and Properties of New Glucocationic Surfactants: A Model Structures for Marking Cationic Surfactants with Carbohydrates. Journal of Organic Chemistry, 2005, 70, 9857-9866.	3.2	53
32	Solvent effect on indocyanine dyes: A computational approach. Chemical Physics, 2006, 330, 52-59.	1.9	52
33	Reactivity and effects of cyclodextrins in textile dyeing. Dyes and Pigments, 1999, 42, 143-147.	3.7	50
34	Terpyridine and Quaterpyridine Complexes as Sensitizers for Photovoltaic Applications. Materials, 2016, 9, 137.	2.9	50
35	One pot synthesis of low cost emitters with large Stokes' shift. Dyes and Pigments, 2017, 137, 152-164.	3.7	50
36	Role of dye structure in photoinduced reorientation of dye-doped liquid crystals. Journal of Chemical Physics, 2000, 113, 10361-10366.	3.0	47

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37	Effect of the Counterion on Thermodynamic Properties of Aqueous Micellar Solutions of 1-(3,3,4,4,5,5,6,6-Nonafluorohexyl) Pyridinium Halides. <i>Journal of Colloid and Interface Science</i> , 1996, 182, 549-557.	9.4	46
38	Unusual Behavior of the Aqueous Solutions of Gemini Bispyridinium Surfactants: Apparent and Partial Molar Enthalpies of the Dimethanesulfonates. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12312-12317.	2.6	46
39	Synthesis and photophysical characterization of highly luminescent complexes of Ru(II) containing 4,4'-di-(p-carboxyphenyl)-2,2'-bipyridine. <i>Inorganica Chimica Acta</i> , 1992, 198-200, 831-839.	2.4	45
40	Electrocatalytic reduction of CO ₂ by thiophene-substituted rhenium(<i>scp</i>) complexes and by their polymerized films. <i>Dalton Transactions</i> , 2016, 45, 14678-14688.	3.3	43
41	Panchromatic symmetrical squaraines: a step forward in the molecular engineering of low cost blue-greenish sensitizers for dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24173-24177.	2.8	41
42	Synthesis and properties of cationic surfactants with tuned hydrophilicity. <i>Journal of Colloid and Interface Science</i> , 2009, 340, 269-275.	9.4	40
43	Hybrid Cyanine-Silica Nanoparticles: Homogeneous Photoemission Behavior of Entrapped Fluorophores and Consequent High Brightness Enhancement. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21048-21053.	3.1	38
44	Blocking layer optimisation of poly(3-hexylthiophene) based Solid State Dye Sensitized Solar Cells. <i>Organic Electronics</i> , 2013, 14, 1882-1890.	2.6	38
45	Facile synthesis of novel blue light and large Stoke shift emitting tetradentate polyazines based on imidazo[1,5-a]pyridine. <i>Dyes and Pigments</i> , 2016, 128, 96-100.	3.7	37
46	4-Tert-butyl-1-(4'-dimethylamino-benzylideneamino)pyridinium perchlorate (BDPP): a novel fluorescent dye. <i>Dyes and Pigments</i> , 1993, 23, 73-78.	3.7	36
47	Characterization of monomeric and gemini cationic amphiphilic molecules by fluorescence intensity and anisotropy. <i>Dyes and Pigments</i> , 2009, 82, 124-129.	3.7	36
48	Preconcentration and removal of iron(III) from aqueous media using micellar-enhanced ultrafiltration. <i>Colloids and Surfaces</i> , 1992, 63, 291-300.	0.9	35
49	Molecular Engineering of Hybrid Dye-Silica Fluorescent Nanoparticles: Influence of the Dye Structure on the Distribution of Fluorophores and Consequent Photoemission Brightness. <i>Chemistry of Materials</i> , 2012, 24, 2792-2801.	6.7	35
50	Near-infrared Sensitization in Dye-sensitized Solar Cells. <i>Chimia</i> , 2013, 67, 129-135.	0.6	35
51	Preconcentration of aniline derivatives from aqueous solutions using micellar-enhanced ultrafiltration. <i>Analyst</i> , 1993, 118, 23.	3.5	32
52	Novel Heptamethine Cyanine Dyes with Large Stokes Shift for Biological Applications in the Near Infrared. <i>Journal of Fluorescence</i> , 2006, 16, 221-225.	2.5	31
53	Nonviral gene-delivery by highly fluorinated gemini bispyridinium surfactant-based DNA nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 182-191.	9.4	31
54	Synthesis and Characterization of Highly Fluorinated Gemini Pyridinium Surfactants. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3167-3177.	2.4	30

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55	Facile synthesis of novel blue light and large Stoke shift emitting tetradentate polyazines based on imidazo[1,5-a]pyridine – Part 2. <i>Dyes and Pigments</i> , 2017, 143, 284-290.	3.7	30
56	Mucin-drugs interaction: The case of theophylline, prednisolone and cephalexin. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6581-6586.	3.0	29
57	Impact of P3HT Regioregularity and Molecular Weight on the Efficiency and Stability of Perovskite Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5061-5073.	6.7	29
58	Design and Development of Novel Linker for PbS Quantum Dots/TiO ₂ Mesoscopic Solar cell. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3264-3267.	8.0	28
59	First Evaluation of the Thermodynamic Properties for Spheres to Elongated Micelles Transition of Some Propanediyl- \pm -bis(dimethylalkylammonium bromide) Surfactants in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1744-1749.	2.6	27
60	A Simple Synthetic Route to Obtain Pure <i>trans</i> -Ruthenium(II) Complexes for Dye-Sensitized Solar Cell Applications. <i>ChemSusChem</i> , 2013, 6, 2170-2180.	6.8	27
61	Nonviral Gene Delivery: Gemini Bispyridinium Surfactant-Based DNA Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13183-13191.	2.6	27
62	Aqueous micellar solutions of some N-alkylnicotinamide and N-alkylpyridinium halide surfactants: Apparent and partial molar enthalpies. <i>Thermochimica Acta</i> , 1990, 168, 143-159.	2.7	25
63	Mechanism of the Optical Response of Mesoporous Silica Impregnated with Reichardt's Dye to NH ₃ and Other Gases. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16617-16620.	2.6	25
64	Tethering of Modified Reichardt's Dye on SBA-15 Mesoporous Silica: The Effect of the Linker Flexibility. <i>Langmuir</i> , 2007, 23, 2261-2268.	3.5	25
65	Characterization of monomeric and gemini cationic amphiphilic molecules by fluorescence intensity and anisotropy. Part 2. <i>Dyes and Pigments</i> , 2009, 83, 396-402.	3.7	25
66	Dicyanovinyl and Cyano-Ester Benzoindolenine Squaraine Dyes: The Effect of the Central Functionalization on Dye-Sensitized Solar Cell Performance. <i>Energies</i> , 2016, 9, 486.	3.1	25
67	Polymeric Dopant-Free Hole Transporting Materials for Perovskite Solar Cells: Structures and Concepts towards Better Performances. <i>Polymers</i> , 2021, 13, 1652.	4.5	24
68	Hydrogen bonding, protonation and twisting in the singlet excited state of some 2-(4-aminophenyl)pyrido[2,3-b]thiazole, and imidazoles. <i>Journal of Heterocyclic Chemistry</i> , 1993, 30, 1041-1044.	2.6	23
69	Synthesis, Electrochemical and Electrogenenerated Chemiluminescence Studies of Ruthenium(II) Bis(2,2'-bipyridyl){2-(4-methylpyridin-2-yl)benzo[d]-X-azole} Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2839-2849.	2.0	23
70	Selective recovery of uranium(VI) from aqueous acid solutions using micellar ultrafiltration. <i>Analyst</i> , 1996, 121, 1401.	3.5	22
71	Long chain heterocyclic dyes. Part one. Hydrophobic structures. <i>Journal of Heterocyclic Chemistry</i> , 1986, 23, 209-221.	2.6	21
72	Effects of additives on the dyeing of nylon-6 with dyes containing hydrophobic and hydrophilic moieties. <i>Dyes and Pigments</i> , 2000, 47, 177-188.	3.7	21

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73	VESICLE PRECURSORS IN THE DYEING OF POLYESTER WITH DISPERSE DYES. <i>Journal of Dispersion Science and Technology</i> , 1988, 9, 75-87.	2.4	20
74	NMR investigation of azo disperse dyes. <i>Dyes and Pigments</i> , 1990, 13, 71-80.	3.7	20
75	Upgrading biomass wastes in chemical technology. Humic acid-like matter isolated from compost as chemical auxiliary for textile dyeing. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 82, 939-948.	3.2	20
76	Iridium and ruthenium complexes covalently bonded to carbon surfaces by means of electrochemical oxidation of aromatic amines. <i>Catalysis Today</i> , 2010, 158, 22-28.	4.4	20
77	Designing Squaraines to Control Charge Injection and Recombination Processes in NiO-based Dye-sensitized Solar Cells. <i>ChemSusChem</i> , 2017, 10, 2385-2393.	6.8	20
78	Aminophenyl-azopyridines as precursors of heterocyclic azo dyes. <i>Journal of Heterocyclic Chemistry</i> , 1989, 26, 289-292.	2.6	19
79	4-Sulfophenylphosphonic Acid: A Novel Precursor to Fabricate Polyfunctional Acid Materials. <i>Chemistry of Materials</i> , 2007, 19, 2671-2678.	6.7	19
80	New Formulation of Functionalized Bioactive Glasses to Be Used as Carriers for the Development of pH-Stimuli Responsive Biomaterials for Bone Diseases. <i>Langmuir</i> , 2014, 30, 4703-4715.	3.5	19
81	The different kinetic behavior of two potential photosensitizers for PDT. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 299, 38-43.	3.9	19
82	Application of Metal-Organic Frameworks and Covalent Organic Frameworks as (Photo)Active Material in Hybrid Photovoltaic Technologies. <i>Energies</i> , 2020, 13, 5602.	3.1	19
83	Dyeing properties of monoazo disperse dyes derived from 4-alkylamidosalicylic acids: equilibrium study. <i>Coloration Technology</i> , 1988, 104, 125-130.	0.1	18
84	Fluorescence anisotropy analysis of protein-antibody interaction. <i>Dyes and Pigments</i> , 2009, 83, 225-229.	3.7	18
85	Dopant-Free All-Organic Small-Molecule HTMs for Perovskite Solar Cells: Concepts and Structure-Property Relationships. <i>Energies</i> , 2021, 14, 2279.	3.1	18
86	Thermodynamic properties of aqueous micellar solutions of N-(1H,1H,2H,2H perfluorooctyl)pyridinium chloride and N-(1H,1H,2H,2H perfluorodecyl)pyridinium chloride. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994, 84, 59-70.	4.7	17
87	Partial least-squares modelling of dye fastness to light. <i>Analytica Chimica Acta</i> , 1986, 191, 445-450.	5.4	16
88	A sensitive and practical fluorimetric test for CNT acidic site determination. <i>Chemical Communications</i> , 2010, 46, 1443.	4.1	16
89	Insight into the interaction of inhaled corticosteroids with human serum albumin: A spectroscopic-based study. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 37-44.	5.3	16
90	Xanthan-Based Hydrogel for Stable and Efficient Quasi-Solid Truly Aqueous Dye-sensitized Solar Cell with Cobalt Mediator. <i>Solar Rrl</i> , 2021, 5, 2170074.	5.8	16

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91	Methylpyridylbenzimidazoles. Part I. Mono, bis-quaternary salts and related polymethyne dyes. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 23-28.	2.6	15
92	Effect of the Counterion on Thermodynamic Properties of Aqueous Micellar Solutions of 1-(3,3,4,4,5,5,6,6-Nonafluorohexyl) Pyridinium Halides. <i>Journal of Colloid and Interface Science</i> , 1996, 184, 147-154.	9.4	15
93	Structural Characterization of 4-Cyanoimidazolium-5-olate, 4,4-Diphenyl-5-imidazolinone, and 4,5-Dicyanoimidazole. A Novel Mesoionic Compound and Decoding of Intermolecular Hydrogen Bonds. <i>Journal of Organic Chemistry</i> , 1997, 62, 7037-7043.	3.2	15
94	Roll-to-roll Atmospheric Plasma Treatment: A Green and Efficient Process to Improve the Hydrophilicity of a PET Surface. <i>ChemSusChem</i> , 2010, 3, 591-596.	6.8	15
95	Disperse and cationic dyes from aminophenyl-X-azolo-pyridines. <i>Dyes and Pigments</i> , 1989, 11, 163-172.	3.7	14
96	Preconcentration and selective metal ion separation using chelating micelles. <i>Talanta</i> , 1994, 41, 1261-1267.	5.5	14
97	Thermodynamics and Biological Properties of the Aqueous Solutions of New Glucocationic Surfactants. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9360-9370.	2.6	14
98	On the photochemical behaviour of some diarylpyrazolines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 108, 143-148.	3.9	12
99	Kinetic evidence for the solubilization of pyridine-2-azo-p-dimethylaniline in alkanediyl-bis(dimethylcetylammmonium nitrate) surfactants. Role of the spacer chain length. <i>New Journal of Chemistry</i> , 2004, 28, 793-799.	2.8	12
100	Matching molecular and optical multipoles in photoisomerizable nonlinear systems. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005, 22, 1276.	2.1	12
101	Synthesis, Physicochemical Characterization, and Interaction with DNA of Long Alkyl Chain Gemini Pyridinium Surfactants. <i>ChemPlusChem</i> , 2015, 80, 952-962.	2.8	12
102	Methylpyridylbenzimidazoles. ¹ H NMR Study. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 561-568.	2.6	11
103	¹ H NMR spectra of a series of disperse azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1991, 29, 747-748.	1.9	11
104	Comparative study of different structural descriptors and variable selection approaches using partial least squares in quantitative structure-activity relationships. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1992, 14, 225-233.	3.5	11
105	The design, synthesis and characterization of a novel acceptor for real time polymerase chain reaction using both computational and experimental approaches. <i>Dyes and Pigments</i> , 2009, 83, 111-120.	3.7	11
106	Is the counterion responsible for the unusual thermodynamic behaviour of the aqueous solutions of gemini bispyridinium surfactants?. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 249-254.	4.7	11
107	Electrolyte containing lithium cation in squaraine-sensitized solar cells: interactions and consequences for performance and charge transfer dynamics. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27670-27681.	2.8	11
108	Methoxy-substituted copper complexes as possible redox mediators in dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 15303-15311.	2.8	11

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109	Strategies to increase the quantum yield: Luminescent methoxylated imidazo[1,5-a]pyridines. <i>Dyes and Pigments</i> , 2021, 192, 109455.	3.7	11
110	Heterocyclic monoazo dyes for polyamide, derived from 4-alkylamido-2-hydroxybenzoic acids. <i>Dyes and Pigments</i> , 1988, 9, 295-304.	3.7	10
111	Technical properties and photofading of disperse heterocyclic azo dyes. <i>Dyes and Pigments</i> , 1989, 10, 269-283.	3.7	10
112	Methylpyridylbenzimidazoles. Part II. Bridged mono and bisquaternary salts. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 29-32.	2.6	9
113	Quaternary salts and polymethine dyes from 2-(methylpyridyl)azolo[4,5-b]pyridine. <i>Journal of Heterocyclic Chemistry</i> , 1987, 24, 1053-1060.	2.6	9
114	Adsorption of 1-alkyl-4-methylpyridinium salts at solid-liquid and water-air interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 113, 135-144.	4.7	9
115	Voltammetric behaviour of heterocyclic systems. Pyridyl-substituted benzimidazoles, benzoxazoles and benzothiazoles. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 1479-1485.	2.6	9
116	Solution Thermodynamics of highly fluorinated gemini bispyridinium surfactants for biomedical applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 507, 236-242.	4.7	9
117	A new ruthenium black dye design with improved optical properties for transparent dye sensitized solar devices. <i>Dalton Transactions</i> , 2017, 46, 16390-16393.	3.3	9
118	Solid silica nanoparticles as carriers of fluorescent squaraine dyes in aqueous media: Toward a molecular engineering approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 123-130.	4.7	9
119	Long chain heterocyclic dyes. Part Two. Surface active dyes. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 1727-1734.	2.6	8
120	Disperse and cationic dyes derived from 2-(meta-and para-Aminophenyl)imidazo [4,5-b] pyridine. <i>Dyes and Pigments</i> , 1989, 10, 97-110.	3.7	8
121	ORGANOSULPHUR PHOSPHORUS ACID COMPOUNDS. PART 4. FLUOROBENZYLPHOSPHONO-SULPHONIC ACIDS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994, 86, 145-155.	1.6	8
122	DEVELOPMENTS IN DYEING TECHNOLOGY BASED ON MICROEMULSION SYSTEMS. <i>Journal of Dispersion Science and Technology</i> , 1995, 16, 51-68.	2.4	8
123	Experimental Electron-Density Study of 4-Cyanoimidazolium-5-olate at 120 K. <i>Acta Crystallographica Section B: Structural Science</i> , 1998, 54, 66-72.	1.8	8
124	Chemichromic azodye from 2,4-dinitrobenzenediazonium o-benzenedisulfonimide and β -acid for monitoring blood parameters: structural study and synthesis optimisation. <i>Dyes and Pigments</i> , 2002, 54, 131-140.	3.7	8
125	Structural characterisation of Nitrazine Yellow by NMR spectroscopy. <i>Dyes and Pigments</i> , 2003, 57, 87-95.	3.7	8
126	A transient kinetic study between signaling proteins: the case of the MEK-ERK interaction. <i>Chemical Science</i> , 2011, 2, 1804.	7.4	8

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127	Conjugation of amino-bioactive glasses with 5-aminofluorescein as probe molecule for the development of pH sensitive stimuli-responsive biomaterials. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2243-2253.	3.6	8
128	Fluorescent trifluoromethylated imidazo[1,5-a]pyridines and their application in luminescent down-shifting conversion. <i>Journal of Luminescence</i> , 2022, 242, 118529.	3.1	8
129	2-(methylpyridyl)-4-azolo[4,5-b]pyridines: Bases, salts and polymethine dyes. <i>Journal of Heterocyclic Chemistry</i> , 1988, 25, 1675-1680.	2.6	7
130	Heterocyclic azolopyridine intermediates. <i>Journal of Heterocyclic Chemistry</i> , 1990, 27, 1825-1829.	2.6	7
131	Apparent and partial molar enthalpies of potassium 4-((hexylcarbonyl)amino)-2-hydroxybenzoate aqueous micellar solutions. <i>Thermochimica Acta</i> , 1990, 162, 277-290.	2.7	7
132	MICROEMULSIONS AND THEIR POTENTIAL APPLICATIONS IN DYEING PROCESSES. <i>Journal of Dispersion Science and Technology</i> , 1991, 12, 257-271.	2.4	7
133	Adsorption of cationic gemini surfactants at the TiO ₂ /solution interface. <i>Surface and Interface Analysis</i> , 2002, 34, 652-656.	1.8	7
134	One-pot synthesis and characterization of HMS silica carrying Disperse-Red-1 (DR1) covalently bonded to the inner surface. <i>Comptes Rendus Chimie</i> , 2005, 8, 655-661.	0.5	7
135	Thermodynamic properties of aqueous micellar solutions of some new acetylated gluco-cationic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 301, 129-136.	4.7	7
136	Nanomaterial-protein interactions: the case of pristine and functionalized carbon nanotubes and porcine gastric mucin. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	7
137	Dyeing of nylon 66 with disperse dyes. An optimization study. <i>Dyes and Pigments</i> , 1989, 10, 23-31.	3.7	6
138	Heterocyclic hydrophobic dyes and their interactions with surfactant and oil-in-water microemulsions. <i>Colloids and Surfaces</i> , 1990, 48, 47-56.	0.9	6
139	Micellization properties of zwitterionic surfactants derived from nicotinic acid in aqueous solutions. <i>Langmuir</i> , 1991, 7, 23-29.	3.5	6
140	Structure and molecular weight of catenapoly [diphenoxy-5-phosphazene-co-bis(sulfophenoxy)-5-phosphazene] obtained from catenapoly (diphenoxy-5-phosphazene) in very strong acid medium. <i>Journal of Inorganic and Organometallic Polymers</i> , 1992, 2, 421-430.	1.5	6
141	Spectral behaviour of linked heterocyclic systems and related dyes. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1993, 49, 1379-1393.	0.1	6
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