

Iñigo L³pez-Arbeloa

List of Publications by Year in descending order

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158
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36271

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162
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162
times ranked

6106
citing authors

#	ARTICLE	IF	CITATIONS
1	Flourescence self-quenching of the molecular forms of Rhodamine B in aqueous and ethanolic solutions. <i>Journal of Luminescence</i> , 1989, 44, 105-112.	1.5	205
2	Characterization of Rhodamine 6G Aggregates Intercalated in Solid Thin Films of Laponite Clay. 2 Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7443-7450.	1.2	181
3	Dimeric states of rhodamine B. <i>Chemical Physics Letters</i> , 1982, 87, 556-560.	1.2	157
4	Photophysics of rhodamines: molecular structure and solvent effects. <i>The Journal of Physical Chemistry</i> , 1991, 95, 2203-2208.	2.9	148
5	Hydrogen-bonding effect on the photophysical properties of 7-aminocoumarin derivatives. <i>The Journal of Physical Chemistry</i> , 1993, 97, 4704-4707.	2.9	148
6	New 8-aminobodipy Derivatives: Surpassing Laser Dyes at Blue-Edge Wavelengths. <i>Chemistry - A European Journal</i> , 2011, 17, 7261-7270.	1.7	141
7	Structural, photophysical and lasing properties of pyrromethene dyes. <i>International Reviews in Physical Chemistry</i> , 2005, 24, 339-374.	0.9	137
8	FRET-assisted laser emission in colloidal suspensions of dye-doped latex nanoparticles. <i>Nature Photonics</i> , 2012, 6, 621-626.	15.6	137
9	Aggregate formation of rhodamine 6G in aqueous solution. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1982, 78, 989.	1.1	135
10	Photoresponse and anisotropy of rhodamine dye intercalated in ordered clay layered films. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2007, 8, 85-108.	5.6	131
11	Molecular forms of rhodamine B. <i>Chemical Physics Letters</i> , 1981, 79, 347-350.	1.2	124
12	8-PropargylaminoBODIPY: unprecedented blue-emitting pyrromethene dye. Synthesis, photophysics and laser properties. <i>Chemical Communications</i> , 2010, 46, 5103.	2.2	121
13	Dimerization and trimerization of rhodamine 6G in aqueous solution. Effect on the fluorescence quantum yield. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1988, 84, 1903.	1.1	117
14	Synthesis and functionalization of new polyhalogenated BODIPY dyes. Study of their photophysical properties and singlet oxygen generation. <i>Tetrahedron</i> , 2012, 68, 1153-1162.	1.0	117
15	Photophysical and Lasing Properties of New Analogs of the Boron-Dipyrromethene Laser Dye PM567 in Liquid Solution. <i>Journal of Physical Chemistry A</i> , 2002, 106, 7736-7742.	1.1	116
16	Shear deformations in calcium silicate hydrates. <i>Soft Matter</i> , 2013, 9, 7333.	1.2	109
17	Solvent effect on photophysics of the molecular forms of rhodamine B. Solvation models and spectroscopic parameters. <i>Chemical Physics Letters</i> , 1986, 128, 474-479.	1.2	105
18	Dimeric and trimeric states of the fluorescein dianion. Part 1. Molecular structures. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1981, 77, 1725-1733.	1.1	95

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19	Photophysical Properties of the Pyrromethene 597 Dye: Solvent Effect. <i>Journal of Physical Chemistry A</i> , 2004, 108, 5503-5508.	1.1	94
20	Solvent effects on the photophysics of the molecular forms of rhodamine B. Internal conversion mechanism. <i>Chemical Physics Letters</i> , 1986, 129, 607-614.	1.2	92
21	Chlorinated BODIPYs: Surprisingly Efficient and Highly Photostable Laser Dyes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6335-6350.	1.2	92
22	Exploring BODIPY Derivatives as Singlet Oxygen Photosensitizers for PDT. <i>Photochemistry and Photobiology</i> , 2020, 96, 458-477.	1.3	92
23	Intramolecular Charge Transfer in Pyrromethene Laser Dyes: Photophysical Behaviour of PM650. <i>ChemPhysChem</i> , 2004, 5, 1762-1771.	1.0	88
24	Rational Design of Advanced Photosensitizers Based on Orthogonal BODIPY Dimers to Finely Modulate Singlet Oxygen Generation. <i>Chemistry - A European Journal</i> , 2017, 23, 4837-4848.	1.7	87
25	Influence of the molecular structure and the nature of the solvent on the absorption and fluorescence characteristics of rhodamines. <i>Chemical Physics</i> , 1989, 130, 371-378.	0.9	85
26	Characterization of Rhodamine 6G Aggregates Intercalated in Solid Thin Films of Laponite Clay. 1. Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2004, 108, 20030-20037.	1.2	84
27	Excitonic treatment and bonding of aggregates of Rhodamine 6G in ethanol. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1988, 84, 1.	1.1	83
28	8-AminoBODIPYs: Cyanines or Hemicyanines? The Effect of the Coplanarity of the Amino Group on Their Optical Properties. <i>Journal of Organic Chemistry</i> , 2012, 77, 5434-5438.	1.7	80
29	Modulation of singlet oxygen generation in halogenated BODIPY dyes by substitution at their meso position: towards a solvent-independent standard in the vis region. <i>RSC Advances</i> , 2016, 6, 41991-41998.	1.7	80
30	8-Phenyl-Substituted Dipyrromethene-BF ₂ Complexes as Highly Efficient and Photostable Laser Dyes. <i>Journal of Physical Chemistry A</i> , 2004, 108, 3315-3323.	1.1	79
31	Insight on Tricalcium Silicate Hydration and Dissolution Mechanism from Molecular Simulations. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14726-14733.	4.0	76
32	Red-edge-wavelength finely-tunable laser action from new BODIPY dyes. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7804.	1.3	72
33	Photophysical properties of a new 8-phenyl analogue of the laser dye PM567 in different solvents: internal conversion mechanisms. <i>Chemical Physics Letters</i> , 2004, 385, 29-35.	1.2	68
34	Hydration Mechanism of Reactive and Passive Dicalcium Silicate Polymorphs from Molecular Simulations. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19869-19875.	1.5	68
35	Ni and RhNi catalysts supported on Zeolites L for hydrogen and syngas production by biogas reforming processes. <i>Chemical Engineering Journal</i> , 2014, 238, 178-188.	6.6	66
36	On the aggregation of rhodamine B in ethanol. <i>Chemical Physics Letters</i> , 1988, 148, 253-258.	1.2	65

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37	On the mechanism of radiationless deactivation of rhodamines. <i>Chemical Physics</i> , 1992, 160, 123-130.	0.9	63
38	Modulation of the photophysical properties of BODIPY dyes by substitution at their meso position.. <i>RSC Advances</i> , 2011, 1, 677.	1.7	62
39	First Highly Efficient and Photostable <i>E</i> and <i>C</i> ...Derivatives of 4,4-Difluoro-4-bora-3,4-diaza-s-indacene (BODIPY) as Dye Lasers in the Liquid Phase, Thin Films, and Solid State Rods. <i>Chemistry - A European Journal</i> , 2014, 20, 2646-2653.		62
40	Characterization of Supported Solid Thin Films of Laponite Clay. Intercalation of Rhodamine 6G Laser Dye. <i>Langmuir</i> , 2004, 20, 5709-5717.	1.6	60
41	Charge Transfer and Exciplex Emissions from a Naphthalenediimide-Entangled Coordination Framework Accommodating Various Aromatic Guests. <i>Journal of Physical Chemistry C</i> , 2012, 116, 26084-26090.	1.5	60
42	Blue-to-Orange Color-Tunable Laser Emission from Tailored Boron-Dipyrromethene Dyes. <i>ChemPhysChem</i> , 2013, 14, 4134-4142.	1.0	59
43	Bis(haloBODIPYs) with Labile Helicity: Valuable Simple Organic Molecules That Enable Circularly Polarized Luminescence. <i>Chemistry - A European Journal</i> , 2016, 22, 8805-8808.	1.7	58
44	Structural Changes in the BODIPY Dye PM567 Enhancing the Laser Action in Liquid and Solid Media. <i>Advanced Functional Materials</i> , 2007, 17, 3088-3098.	7.8	56
45	New Analogues of the BODIPY Dye PM597: Photophysical and Lasing Properties in Liquid Solutions and in Solid Polymeric Matrices. <i>Journal of Physical Chemistry A</i> , 2009, 113, 8118-8124.	1.1	56
46	Carboxylates versus Fluorines: Boosting the Emission Properties of Commercial BODIPYs in Liquid and Solid Media. <i>Advanced Functional Materials</i> , 2013, 23, 4195-4205.	7.8	56
47	Coumarin-BODIPY hybrids by heteroatom linkage: versatile, tunable and photostable dye lasers for UV irradiation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8239-8247.	1.3	56
48	8-Alkoxy- and 8-Aryloxy-BODIPYs: Straightforward Fluorescent Tagging of Alcohols and Phenols. <i>Journal of Organic Chemistry</i> , 2013, 78, 5867-5877.	1.7	55
49	Dimeric and trimeric states of the fluorescein dianion. Part 2. Effects on fluorescence characteristics. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1981, 77, 1735-1742.	1.1	53
50	Spectroscopic Characterization of the Adsorption of Rhodamine 3B in Hectorite. <i>Langmuir</i> , 2000, 16, 1285-1291.	1.6	53
51	Adsorption of Rhodamine 3B Dye on Saponite Colloidal Particles in Aqueous Suspensions. <i>Langmuir</i> , 2002, 18, 2658-2664.	1.6	52
52	Unprecedented J-Aggregated Dyes in Pure Organic Solvents. <i>Advanced Functional Materials</i> , 2016, 26, 2756-2769.	7.8	52
53	Theoretical study of the ground and excited electronic states of pyromethene 546 laser dye and related compounds. <i>Chemical Physics</i> , 2004, 296, 13-22.	0.9	48
54	Orientation of Adsorbed Dyes in the Interlayer Space of Clays. 1. Anisotropy of Rhodamine 6G in Laponite Films by Vis-Absorption with Polarized Light. <i>Chemistry of Materials</i> , 2005, 17, 4134-4141.	3.2	48

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55	Spectroscopy of Rhodamine 6G Adsorbed on Sepiolite Aqueous Suspensions. <i>Journal of Colloid and Interface Science</i> , 1997, 187, 105-112.	5.0	47
56	New laser dye based on the 3-styryl analog of the BODIPY dye PM567. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 192-199.	2.0	45
57	Unprecedented laser action from energy transfer in multichromophoric BODIPY cassettes. <i>Chemical Communications</i> , 2011, 47, 11513.	2.2	45
58	Near-IR BODIPY Dyes à la Carte” Programmed Orthogonal Functionalization of Rationally Designed Building Blocks. <i>Chemistry - A European Journal</i> , 2016, 22, 1048-1061.	1.7	45
59	Difluoro-boron-triaza-anthracene: a laser dye in the blue region. Theoretical simulation of alternative difluoro-boron-diaza-aromatic systems. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3437-3445.	1.3	43
60	8-Functionalization of Alkyl-Substituted-3,8-Dimethyl BODIPYs by Knoevenagel Condensation. <i>Organic Letters</i> , 2013, 15, 4454-4457.	2.4	42
61	Unprecedented induced axial chirality in a molecular BODIPY dye: strongly bisignated electronic circular dichroism in the visible region. <i>Chemical Communications</i> , 2013, 49, 11641.	2.2	42
62	Singlet Fission Mediated Photophysics of BODIPY Dimers. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 641-646.	2.1	42
63	Electronic spectroscopy of pyromethene 546. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999, 121, 177-182.	2.0	38
64	Controlling Optical Properties and Function of BODIPY by Using Asymmetric Substitution Effects. <i>Chemistry - A European Journal</i> , 2010, 16, 14094-14105.	1.7	38
65	Acetylacetonate BODIPY-Biscyclometalated Iridium(III) Complexes: Effective Strategy towards Smarter Fluorescent Photosensitizer Agents. <i>Chemistry - A European Journal</i> , 2017, 23, 10139-10147.	1.7	38
66	Nitro and amino BODIPYS: crucial substituents to modulate their photonic behavior. <i>RSC Advances</i> , 2013, 3, 1547-1556.	1.7	37
67	Reaction of Amines with 8-Methylthio BODIPY: Dramatic Optical and Laser Response to Amine Substitution. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2691-2700.	1.7	36
68	Scope and Limitations of the Liebeskind-Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. <i>Journal of Organic Chemistry</i> , 2015, 80, 5771-5782.	1.7	36
69	Aggregation of Rhodamine 3B Adsorbed in Wyoming Montmorillonite Aqueous Suspensions. <i>Journal of Colloid and Interface Science</i> , 2002, 246, 281-287.	5.0	35
70	Structural and spectroscopic characteristics of Pyromethene 567 laser dye. A theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 4247-4253.	1.3	35
71	On the Monomeric and Dimeric States of Rhodamine 6G Adsorbed on Laponite B Surfaces. <i>Journal of Colloid and Interface Science</i> , 1994, 162, 412-417.	5.0	34
72	Laser and Physical Properties of BODIPY Chromophores in New Fluorinated Polymeric Materials. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1508-1516.	1.5	34

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73	Benchmark of ReaxFF force field for subcritical and supercritical water. <i>Journal of Chemical Physics</i> , 2018, 148, 234503.	1.2	34
74	Ultraviolet-Visible Dual Absorption by Single BODIPY Dye Confined in LTL Zeolite Nanochannels. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13331-13336.	1.5	33
75	Molecular Forces Governing Shear and Tensile Failure in Clay-Dye Hybrid Materials. <i>Chemistry of Materials</i> , 2014, 26, 4338-4345.	3.2	33
76	Luminescence properties of rhodamines in water/ethanol mixtures. <i>Journal of Luminescence</i> , 1991, 48-49, 400-404.	1.5	32
77	Photophysical and laser emission studies of 8-polyphenylene-substituted BODIPY dyes in liquid solution and in solid polymeric matrices. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 802-813.	1.6	32
78	Selective Lateral Lithiation of Methyl BODIPYs: Synthesis, Photophysics, and Electrochemistry of New <i>Meso</i> Derivatives. <i>Organic Letters</i> , 2014, 16, 4364-4367.	2.4	32
79	Synthetic Approach to Readily Accessible Benzofuran-Fused Borondipyrromethenes as Red-Emitting Laser Dyes. <i>Journal of Organic Chemistry</i> , 2019, 84, 2523-2541.	1.7	31
80	Spiranic BODIPYs: a ground-breaking design to improve the energy transfer in molecular cassettes. <i>Chemical Communications</i> , 2014, 50, 12765-12767.	2.2	30
81	<i>N</i> -BODIPYs Come into Play: Smart Dyes for Photonic Materials. <i>Chemistry - A European Journal</i> , 2017, 23, 9383-9390.	1.7	30
82	Click Assembly of Dye-Functionalized Octasilsesquioxanes for Highly Efficient and Photostable Photonic Systems. <i>Chemistry - A European Journal</i> , 2011, 17, 13258-13268.	1.7	29
83	Photophysical Characterization of New 3-Amino and 3-Acetamido BODIPY Dyes with Solvent Sensitive Properties. <i>Journal of Fluorescence</i> , 2008, 18, 899-907.	1.3	28
84	Photophysical and Lasing Properties of Rhodamine 6G Confined in Polymeric Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3926-3933.	1.5	28
85	FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 2888-2898.	1.7	28
86	Binary solvent effects on the absorption and emission of 7-aminocoumarins. <i>Journal of Luminescence</i> , 1994, 59, 369-375.	1.5	27
87	Characterization of Rhodamine 6G Adsorbed onto Hectorite by Electronic Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 1995, 171, 439-445.	5.0	27
88	Photophysical and lasing properties of pyrromethene 567 dye in solid poly(trifluoromethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td 2001, 73, 19-24.	1.1	27
89	Adsorption of fluorescent R6G dye into organophilic C12TMA laponite films. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 212-219.	5.0	26
90	Convenient Access to Carbohydrate-BODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of Clickable-BODIPY Dyes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5659-5663.	1.2	25

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91	Distribution and orientation study of dyes intercalated into single sepiolite fibers. A confocal fluorescence microscopy approach. <i>Journal of Materials Chemistry</i> , 2011, 21, 269-276.	6.7	24
92	Förster Resonance Energy Transfer and Laser Efficiency in Colloidal Suspensions of Dye-Doped Nanoparticles: Concentration Effects. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13107-13117.	1.5	24
93	One-Pot Synthesis of Rotationally Restricted, Conjugatable, BODIPY Derivatives from Phthalides. <i>Journal of Organic Chemistry</i> , 2017, 82, 1240-1247.	1.7	24
94	Photophysical Study of New Versatile Multichromophoric Diads and Triads with BODIPY and Polyphenylene Groups. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10816-10822.	1.1	23
95	Strong intramolecular charge transfer emission in benzobisoxazole cruciforms: solvatochromic dyes as polarity indicators. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 18023.	1.3	23
96	An asymmetric BODIPY triad with panchromatic absorption for high-performance red-edge laser emission. <i>Chemical Communications</i> , 2015, 51, 11382-11385.	2.2	23
97	Push-pull flexibly-bridged bis(haloBODIPYs): solvent and spacer switchable red emission. <i>Dalton Transactions</i> , 2016, 45, 11839-11848.	1.6	23
98	Effect of surfactant C12TMA molecules on the self-association of R6G dye in thin films of laponite clay. <i>Materials Chemistry and Physics</i> , 2009, 116, 550-556.	2.0	22
99	Straightforward Synthetic Protocol for the Introduction of Stabilized Câ€¦Nucleophiles in the BODIPY Core for Advanced Sensing and Photonic Applications. <i>Chemistry - A European Journal</i> , 2015, 21, 1755-1764.	1.7	22
100	Formation of a Nonlinear Optical Host-Guest Hybrid Material by Tight Confinement of LDS-722 into Aluminophosphate 1D Nanochannels. <i>Chemistry - A European Journal</i> , 2016, 22, 15700-15711.	1.7	22
101	Modulation of ICT probability in bi(polyarene)-based O-BODIPYs: towards the development of low-cost bright arene-BODIPY dyads. <i>Dalton Transactions</i> , 2017, 46, 11830-11839.	1.6	22
102	Highly Luminescent and Optically Switchable Hybrid Material by One-Pot Encapsulation of Dyes into MgAPO-11 Unidirectional Nanopores. <i>ACS Photonics</i> , 2014, 1, 205-211.	3.2	21
103	Water Adsorption on the β -Dicalcium Silicate Surface from DFT Simulations. <i>Minerals (Basel)</i> , 2017, 7, 107.	0.8	21
104	Methylthio BODIPY as a standard triplet photosensitizer for singlet oxygen production: a photophysical study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20403-20414.	1.3	21
105	Aggregation of halofluorescein dyes. <i>Dyes and Pigments</i> , 1983, 4, 213-220.	2.0	20
106	Photophysics of Rhodamine 6G Laser Dye in Ordered Surfactant (C12TMA)/Clay (Laponite) Hybrid Films. <i>Journal of Physical Chemistry C</i> , 2009, 113, 965-970.	1.5	20
107	Modulating Dye Aggregation by Incorporation into 1D-MgAPO Nanochannels. <i>Chemistry - A European Journal</i> , 2013, 19, 9859-9865.	1.7	20
108	Enhanced Phosphorescence Emission by Incorporating Aromatic Halides into an Entangled Coordination Framework Based on Naphthalenediimide. <i>ChemPhysChem</i> , 2014, 15, 2517-2521.	1.0	20

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109	On the Arrangements of R6G Molecules in Organophilic C12TMA/Lap Clay Films for Low Dye Loadings. <i>Langmuir</i> , 2010, 26, 930-937.	1.6	19
110	Excitation energy transfer in artificial antennas: from photoactive materials to molecular assemblies. <i>International Reviews in Physical Chemistry</i> , 2015, 34, 515-556.	0.9	19
111	Versatile Photoactive Materials Based on Zeolite L Doped with Laser Dyes. <i>ChemPlusChem</i> , 2012, 77, 61-70.	1.3	18
112	Strategies for modulating the luminescence properties of pyronin Y dye in clay films: an experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8730-8738.	1.3	18
113	Cs-137 immobilization in C-S-H gel nanopores. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9289-9297.	1.3	18
114	Photoactive Nanomaterials Inspired by Nature: LTL Zeolite Doped with Laser Dyes as Artificial Light Harvesting Systems. <i>Materials</i> , 2017, 10, 495.	1.3	17
115	Fully Functionalizable Ir^2, Ir^2 -BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures. <i>Journal of Organic Chemistry</i> , 2018, 83, 10186-10196.	1.7	17
116	Synthesis and Optical and Redox Properties of Symmetric and Asymmetric BODIPYs. <i>ChemPhysChem</i> , 2012, 13, 3923-3931.	1.0	15
117	Naturally Assembled Excimers in Xanthenes as Singular and Highly Efficient Laser Dyes in Liquid and Solid Media. <i>Advanced Optical Materials</i> , 2013, 1, 984-990.	3.6	15
118	Adapting BODIPYs to singlet oxygen production on silica nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13746-13755.	1.3	13
119	One-Directional Antenna Systems: Energy Transfer from Monomers to J-Aggregates within 1D Nanoporous Aluminophosphates. <i>ACS Photonics</i> , 2018, 5, 151-157.	3.2	13
120	Self-association of the molecular forms of Rhodamine 19. Solvent effect. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1989, 45, 1201-1206.	0.1	12
121	Photophysical and Laser Properties of Cassettes based on a BODIPY and Rhodamine Pair. <i>Chemistry - an Asian Journal</i> , 2013, 8, 3133-3141.	1.7	12
122	Controlling Vilsmeier-Haack processes in meso-methylBODIPYs: A new way to modulate finely photophysical properties in boron dipyrromethenes. <i>Dyes and Pigments</i> , 2017, 141, 286-298.	2.0	12
123	Environmental effects on the photophysics of pyromethene 556. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 791-795.	1.3	11
124	Microwave Synthesis of LTL Zeolites with Tunable Size and Morphology: An Optimal Support for Metal-Catalyzed Hydrogen Production from Biogas Reforming Processes. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 110-120.	1.2	11
125	Synthesis, Properties, and Functionalization of Nonsymmetric 8-MethylthioBODIPYs. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5009-5023.	1.2	11
126	Stereochemical and Steric Control of Photophysical and Chiroptical Properties in Bichromophoric Systems. <i>Chemistry - A European Journal</i> , 2018, 24, 3802-3815.	1.7	11

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127	Thermodynamics of the dimerization and trimerization of halofluorescein dyes. <i>Thermochimica Acta</i> , 1983, 60, 219-224.	1.2	9
128	One-Dimensional Antenna Systems by Crystallization Inclusion of Dyes (One-Pot Synthesis) within Zeolitic MgAPO-36 Nanochannels. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24063-24070.	1.5	9
129	Increased laser action in commercial dyes from fluorination regardless of their skeleton. <i>Laser Physics Letters</i> , 2014, 11, 115818.	0.6	9
130	Preparation, Photophysical Characterization, and Modeling of LDS722/Laponite 2D-Ordered Hybrid Films. <i>Langmuir</i> , 2014, 30, 10112-10117.	1.6	9
131	Synthesis, Photophysical Study, and Biological Application Analysis of Complex Borondipyrromethene Dyes. <i>ACS Omega</i> , 2018, 3, 7783-7797.	1.6	9
132	Improving the fluorescence polarization method to evaluate the orientation of fluorescent systems adsorbed in ordered layered materials. <i>Journal of Luminescence</i> , 2009, 129, 1336-1340.	1.5	8
133	TICT and ULM models for the radiationless deactivation of rhodamines. <i>Journal of Chemical Sciences</i> , 1992, 104, 165-171.	0.7	8
134	Study of exciton interaction and the nature of bonding in the aggregation of phenosafranine from concentration-dependent spectral changes. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1988, 44, 423-428.	0.1	7
135	Anisotropic fluorescence materials: Effect of the synthesis conditions over the incorporation, alignment and aggregation of Pyronine Y within MgAPO-5. <i>Microporous and Mesoporous Materials</i> , 2013, 172, 190-199.	2.2	7
136	Micellar charge induced emissive response of a bio-active 3-pyrazolyl-2-pyrazoline derivative: a spectroscopic and quantum chemical analysis. <i>RSC Advances</i> , 2014, 4, 56361-56372.	1.7	7
137	A FRET analysis of dye diffusion in core/shell polymer nanoparticles. <i>RSC Advances</i> , 2014, 4, 22115.	1.7	7
138	Enhanced Charge-Transfer Emission in Polyimides by Cyano-Groups Doping. <i>Journal of Physical Chemistry B</i> , 2015, 119, 5685-5692.	1.2	7
139	Solvent-sensitive Emitting Urea-bridged bis-BODIPYs: Ready Access by a One-Pot Tandem Staudinger/Aza-Wittig Ureation. <i>Chemistry - A European Journal</i> , 2017, 23, 17511-17520.	1.7	7
140	A versatile synthetic approach to design tailor-made push-pull chromophores with intriguing and tunable photophysical signatures. <i>Dyes and Pigments</i> , 2017, 147, 246-259.	2.0	7
141	Shedding light on the mitochondrial matrix through a functional membrane transporter. <i>Chemical Science</i> , 2020, 11, 1052-1065.	3.7	7
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