Iigo Lpez-Arbeloa

List of Publications by Citations

156 papers	6,015 citations	47 h-index	70 g-index
162 ext. papers	6,549 ext. citations	4.8 avg, IF	5.47 L-index

#	Paper	IF	Citations
156	Characterization of rhodamine 6G aggregates intercalated in solid thin films of laponite clay. 2 Fluorescence spectroscopy. *Journal of Physical Chemistry B*, **2005**, 109, 7443-50	3.4	173
155	Flourescence self-quenching of the molecular forms of Rhodamine B in aqueous and ethanolic solutions. *Journal of Luminescence*, **1989**, 44, 105-112	3.8	169
154	Dimeric states of rhodamine B. *Chemical Physics Letters*, **1982**, 87, 556-560	2.5	141
153	Hydrogen-bonding effect on the photophysical properties of 7-aminocoumarin derivatives. *The Journal of Physical Chemistry*, **1993**, 97, 4704-4707		130
152	Photophysics of rhodamines: molecular structure and solvent effects. *The Journal of Physical Chemistry*, **1991**, 95, 2203-2208		128
151	New 8-amino-BODIPY derivatives: surpassing laser dyes at blue-edge wavelengths. *Chemistry - A European Journal*, **2011**, 17, 7261-70	4.8	124
150	Structural, photophysical and lasing properties of pyrromethene dyes. *International Reviews in Physical Chemistry*, **2005**, 24, 339-374	7	122
149	Aggregate formation of rhodamine 6G in aqueous solution. *Journal of the Chemical Society, Faraday Transactions 2*, **1982**, 78, 989		120
148	Photoresponse and anisotropy of rhodamine dye intercalated in ordered clay layered films. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2007**, 8, 85-108	16.4	117
147	FRET-assisted laser emission in colloidal suspensions of dye-doped latex nanoparticles. *Nature Photonics*, **2012**, 6, 621-626	33.9	114
146	8-PropargylaminoBODIPY: unprecedented blue-emitting pyrromethene dye. Synthesis, photophysics and laser properties. *Chemical Communications*, **2010**, 46, 5103-5	5.8	111
145	Photophysical and Lasing Properties of New Analogs of the BoronDipyrromethene Laser Dye PM567 in Liquid Solution. *Journal of Physical Chemistry A*, **2002**, 106, 7736-7742	2.8	110
144	Molecular forms of rhodamine B. *Chemical Physics Letters*, **1981**, 79, 347-350	2.5	110
143	Dimerization and trimerization of rhodamine 6G in aqueous solution. Effect on the fluorescence quantum yield. *Journal of the Chemical Society, Faraday Transactions 2*, **1988**, 84, 1903		103
142	Synthesis and functionalization of new polyhalogenated BODIPY dyes. Study of their photophysical properties and singlet oxygen generation. *Tetrahedron*, **2012**, 68, 1153-1162	2.4	101
141	Solvent effect on photophysics of the molecular forms of rhodamine B. Solvation models and spectroscopic parameters. *Chemical Physics Letters*, **1986**, 128, 474-479	2.5	95
140	Shear deformations in calcium silicate hydrates. *Soft Matter*, **2013**, 9, 7333	3.6	87

139	Dimeric and trimeric states of the fluorescein dianion. Part 1. Molecular structures. *Journal of the Chemical Society, Faraday Transactions 2*, **1981**, 77, 1725-1733		86
138	Influence of the molecular structure and the nature of the solvent on the absorption and fluorescence characteristics of rhodamines. *Chemical Physics*, **1989**, 130, 371-378	2.3	84
137	Intramolecular charge transfer in pyrromethene laser dyes: photophysical behaviour of PM650. *ChemPhysChem*, **2004**, 5, 1762-71	3.2	83
136	Solvent effects on the photophysics of the molecular forms of rhodamine B. Internal conversion mechanism. *Chemical Physics Letters*, **1986**, 129, 607-614	2.5	82
135	Photophysical Properties of the Pyrromethene 597 Dye: Solvent Effect. *Journal of Physical Chemistry A*, **2004**, 108, 5503-5508	2.8	80
134	Chlorinated BODIPYs: Surprisingly Efficient and Highly Photostable Laser Dyes. *European Journal of Organic Chemistry*, **2012**, 2012, 6335-6350	3.2	79
133	8-Phenyl-Substituted Dipyrromethene□BF2 Complexes as Highly Efficient and Photostable Laser Dyes. *Journal of Physical Chemistry A*, **2004**, 108, 3315-3323	2.8	78
132	Characterization of Rhodamine 6G Aggregates Intercalated in Solid Thin Films of Laponite Clay. 1. Absorption Spectroscopy. *Journal of Physical Chemistry B*, **2004**, 108, 20030-20037	3.4	77
131	8-AminoBODIPYs: cyanines or hemicyanines? The effect of the coplanarity of the amino group on their optical properties. *Journal of Organic Chemistry*, **2012**, 77, 5434-8	4.2	72
130	Excitonic treatment and bonding of aggregates of Rhodamine 6G in ethanol. *Journal of the Chemical Society, Faraday Transactions 2*, **1988**, 84, 1		72
129	Photophysical properties of a new 8-phenyl analogue of the laser dye PM567 in different solvents: internal conversion mechanisms. *Chemical Physics Letters*, **2004**, 385, 29-35	2.5	67
128	Rational Design of Advanced Photosensitizers Based on Orthogonal BODIPY Dimers to Finely Modulate Singlet Oxygen Generation. *Chemistry - A European Journal*, **2017**, 23, 4837-4848	4.8	66
127	Red-edge-wavelength finely-tunable laser action from new BODIPY dyes. *Physical Chemistry Chemical Physics*, **2010**, 12, 7804-11	3.6	64
126	Characterization of supported solid thin films of Laponite clay. Intercalation of rhodamine 6G laser dye. *Langmuir*, **2004**, 20, 5709-17	4	59
125	On the mechanism of radiationless deactivation of rhodamines. *Chemical Physics*, **1992**, 160, 123-130	2.3	59
124	On the aggregation of rhodamine B in ethanol. *Chemical Physics Letters*, **1988**, 148, 253-258	2.5	59
123	Ni and RhNi catalysts supported on Zeolites L for hydrogen and syngas production by biogas reforming processes. *Chemical Engineering Journal*, **2014**, 238, 178-188	14.7	58
122	Modulation of singlet oxygen generation in halogenated BODIPY dyes by substitution at their meso position: towards a solvent-independent standard in the vis region. *RSC Advances*, **2016**, 6, 41991-41998	3.7	58

121	Insight on Tricalcium Silicate Hydration and Dissolution Mechanism from Molecular Simulations. *ACS Applied Materials & Interfaces*, **2015**, 7, 14726-33	9.5	56
120	Modulation of the photophysical properties of BODIPY dyes by substitution at their meso position.. *RSC Advances*, **2011**, 1, 677	3.7	53
119	Structural Changes in the BODIPY Dye PM567 Enhancing the Laser Action in Liquid and Solid Media. *Advanced Functional Materials*, **2007**, 17, 3088-3098	15.6	52
118	First highly efficient and photostable E and C derivatives of 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) as dye lasers in the liquid phase, thin films, and solid-state rods. *Chemistry - A European Journal*, **2014**, 20, 2646-53	4.8	51
117	8-Alkoxy- and 8-aryloxy-BODIPYs: straightforward fluorescent tagging of alcohols and phenols. *Journal of Organic Chemistry*, **2013**, 78, 5867-77	4.2	51
116	Charge Transfer and Exciplex Emissions from a Naphthalenediimide-Entangled Coordination Framework Accommodating Various Aromatic Guests. *Journal of Physical Chemistry C*, **2012**, 116, 26084-26090	3.8	50
115	New analogues of the BODIPY dye PM597: photophysical and lasing properties in liquid solutions and in solid polymeric matrices. *Journal of Physical Chemistry A*, **2009**, 113, 8118-24	2.8	50
114	Hydration Mechanism of Reactive and Passive Dicalcium Silicate Polymorphs from Molecular Simulations. *Journal of Physical Chemistry C*, **2015**, 119, 19869-19875	3.8	49
113	Blue-to-orange color-tunable laser emission from tailored boron-dipyrromethene dyes. *ChemPhysChem*, **2013**, 14, 4134-42	3.2	49
112	Spectroscopic Characterization of the Adsorption of Rhodamine 3B in Hectorite. *Langmuir*, **2000**, 16, 1285-1291	4	49
111	Carboxylates versus Fluorines: Boosting the Emission Properties of Commercial BODIPYs in Liquid and Solid Media. *Advanced Functional Materials*, **2013**, 23, 4195-4205	15.6	48
110	Orientation of Adsorbed Dyes in the Interlayer Space of Clays. 1. Anisotropy of Rhodamine 6G in Laponite Films by Vis-Absorption with Polarized Light. *Chemistry of Materials*, **2005**, 17, 4134-4141	9.6	48
109	Coumarin-BODIPY hybrids by heteroatom linkage: versatile, tunable and photostable dye lasers for UV irradiation. *Physical Chemistry Chemical Physics*, **2015**, 17, 8239-47	3.6	47
108	Adsorption of Rhodamine 3B Dye on Saponite Colloidal Particles in Aqueous Suspensions. *Langmuir* , **2002**, 18, 2658-2664	4	47
107	Dimeric and trimeric states of the fluorescein dianion. Part 2.Effects on fluorescence characteristics. *Journal of the Chemical Society, Faraday Transactions 2*, **1981**, 77, 1735-1742		47
106	Bis(haloBODIPYs) with Labile Helicity: Valuable Simple Organic Molecules That Enable Circularly Polarized Luminescence. *Chemistry - A European Journal*, **2016**, 22, 8805-8	4.8	47
105	Theoretical study of the ground and excited electronic states of pyrromethene 546 laser dye and related compounds. *Chemical Physics*, **2004**, 296, 13-22	2.3	46
104	Spectroscopy of Rhodamine 6G Adsorbed on Sepiolite Aqueous Suspensions. *Journal of Colloid and Interface Science*, **1997**, 187, 105-12	9.3	45

103	Unprecedented J-Aggregated Dyes in Pure Organic Solvents. *Advanced Functional Materials*, **2016**, 26, 2756-2769	15.6	41
102	Near-IR BODIPY Dyes à la Carte-Programmed Orthogonal Functionalization of Rationally Designed Building Blocks. *Chemistry - A European Journal*, **2016**, 22, 1048-61	4.8	41
101	Unprecedented laser action from energy transfer in multichromophoric BODIPY cassettes. *Chemical Communications*, **2011**, 47, 11513-5	5.8	41
100	8-Functionalization of alkyl-substituted-3,8-dimethyl BODIPYs by Knoevenagel condensation. *Organic Letters*, **2013**, 15, 4454-7	6.2	39
99	Difluoro-boron-triaza-anthracene: a laser dye in the blue region. Theoretical simulation of alternative difluoro-boron-diaza-aromatic systems. *Physical Chemistry Chemical Physics*, **2011**, 13, 3437-45	3.6	39
98	New laser dye based on the 3-styryl analog of the BODIPY dye PM567. *Journal of Photochemistry and Photobiology A: Chemistry*, **2008**, 198, 192-199	4.7	39
97	Exploring BODIPY Derivatives as Singlet Oxygen Photosensitizers for PDT. *Photochemistry and Photobiology*, **2020**, 96, 458-477	3.6	36
96	Unprecedented induced axial chirality in a molecular BODIPY dye: strongly bisignated electronic circular dichroism in the visible region. *Chemical Communications*, **2013**, 49, 11641-3	5.8	36
95	Electronic spectroscopy of pyrromethene 546. *Journal of Photochemistry and Photobiology A: Chemistry*, **1999**, 121, 177-182	4.7	35
94	Controlling optical properties and function of BODIPY by using asymmetric substitution effects. *Chemistry - A European Journal*, **2010**, 16, 14094-105	4.8	33
93	Structural and spectroscopic characteristics of Pyrromethene 567 laser dye. A theoretical approach. *Physical Chemistry Chemical Physics*, **2004**, 6, 4247-4253	3.6	33
92	Singlet Fission Mediated Photophysics of BODIPY Dimers. *Journal of Physical Chemistry Letters*, **2018**, 9, 641-646	6.4	32
91	Photophysical and laser emission studies of 8-polyphenylene-substituted BODIPY dyes in liquid solution and in solid polymeric matrices. *Photochemical and Photobiological Sciences*, **2008**, 7, 802-13	4.2	32
90	Aggregation of rhodamine 3B adsorbed in Wyoming Montmorillonite aqueous suspensions. *Journal of Colloid and Interface Science*, **2002**, 246, 281-7	9.3	32
89	On the Monomeric and Dimeric States of Rhodamine 6G Adsorbed on Laponite B Surfaces. *Journal of Colloid and Interface Science*, **1994**, 162, 412-417	9.3	32
88	AcetylacetonateBODIPY-Biscyclometalated Iridium(III) Complexes: Effective Strategy towards Smarter Fluorescent Photosensitizer Agents. *Chemistry - A European Journal*, **2017**, 23, 10139-10147	4.8	31
87	Scope and Limitations of the Liebeskind-Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. *Journal of Organic Chemistry*, **2015**, 80, 5771-82	4.2	31
86	Selective lateral lithiation of methyl BODIPYs: synthesis, photophysics, and electrochemistry of new meso derivatives. *Organic Letters*, **2014**, 16, 4364-7	6.2	31

85	Nitro and amino BODIPYS: crucial substituents to modulate their photonic behavior. *RSC Advances*, **2013**, 3, 1547-1556	3.7	31
84	Ultraviolet□Visible Dual Absorption by Single BODIPY Dye Confined in LTL Zeolite Nanochannels. *Journal of Physical Chemistry C*, **2013**, 117, 13331-13336	3.8	31
83	Reaction of amines with 8-methylthioBODIPY: dramatic optical and laser response to amine substitution. *Chemistry - an Asian Journal*, **2013**, 8, 2691-700	4.5	30
82	Laser and Physical Properties of BODIPY Chromophores in New Fluorinated Polymeric Materials. *Journal of Physical Chemistry C*, **2007**, 111, 1508-1516	3.8	30
81	Luminescence properties of rhodamines in water/ethanol mixtures. *Journal of Luminescence*, **1991**, 48-49, 400-404	3.8	29
80	Spiranic BODIPYs: a ground-breaking design to improve the energy transfer in molecular cassettes. *Chemical Communications*, **2014**, 50, 12765-7	5.8	27
79	Molecular Forces Governing Shear and Tensile Failure in Clay-Dye Hybrid Materials. *Chemistry of Materials*, **2014**, 26, 4338-4345	9.6	26
78	Photophysical and Lasing Properties of Rhodamine 6G Confined in Polymeric Nanoparticles. *Journal of Physical Chemistry C*, **2011**, 115, 3926-3933	3.8	26
77	Characterization of Rhodamine 6G Adsorbed onto Hectorite by Electronic Spectroscopy. *Journal of Colloid and Interface Science*, **1995**, 171, 439-445	9.3	26
76	Photophysical and lasing properties of pyrromethene 567 dye in solid poly(trifluoromethyl methacrylate) matrices with different degrees of crosslinking. *Applied Physics B: Lasers and Optics*, **2001**, 73, 19-24	1.9	25
75	FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. *Journal of Organic Chemistry*, **2016**, 81, 2888-98	4.2	24
74	Click assembly of dye-functionalized octasilsesquioxanes for highly efficient and photostable photonic systems. *Chemistry - A European Journal*, **2011**, 17, 13258-68	4.8	24
73	Benchmark of ReaxFF force field for subcritical and supercritical water. *Journal of Chemical Physics*, **2018**, 148, 234503	3.9	23
72	Distribution and orientation study of dyes intercalated into single sepiolite fibers. A confocal fluorescence microscopy approach. *Journal of Materials Chemistry*, **2011**, 21, 269-276		23
71	Adsorption of fluorescent R6G dye into organophilic C12TMA laponite films. *Journal of Colloid and Interface Science*, **2008**, 321, 212-9	9.3	23
70	Photophysical study of new versatile multichromophoric diads and triads with BODIPY and polyphenylene groups. *Journal of Physical Chemistry A*, **2008**, 112, 10816-22	2.8	22
69	Push-pull flexibly-bridged bis(haloBODIPYs): solvent and spacer switchable red emission. *Dalton Transactions*, **2016**, 45, 11839-48	4.3	21
68	F□ster Resonance Energy Transfer and Laser Efficiency in Colloidal Suspensions of Dye-Doped Nanoparticles: Concentration Effects. *Journal of Physical Chemistry C*, **2014**, 118, 13107-13117	3.8	21

67	Strong intramolecular charge transfer emission in benzobisoxazole cruciforms: solvatochromic dyes as polarity indicators. *Physical Chemistry Chemical Physics*, **2013**, 15, 18023-9	3.6	21
66	Effect of surfactant C12TMA molecules on the self-association of R6G dye in thin films of laponite clay. *Materials Chemistry and Physics*, **2009**, 116, 550-556	4.4	21
65	Binary solvent effects on the absorption and emission of 7-aminocoumarins. *Journal of Luminescence*, **1994**, 59, 369-375	3.8	21
64	One-Pot Synthesis of Rotationally Restricted, Conjugatable, BODIPY Derivatives from Phthalides. *Journal of Organic Chemistry*, **2017**, 82, 1240-1247	4.2	20
63	Convenient Access to Carbohydrate–BODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of "Clickable" BODIPY Dyes. *European Journal of Organic Chemistry*, **2014**, 2014, 5659-5663	3.2	20
62	N-BODIPYs Come into Play: Smart Dyes for Photonic Materials. *Chemistry - A European Journal*, **2017**, 23, 9383-9390	4.8	19
61	Synthetic Approach to Readily Accessible Benzofuran-Fused Borondipyrromethenes as Red-Emitting Laser Dyes. *Journal of Organic Chemistry*, **2019**, 84, 2523-2541	4.2	19
60	Highly Luminescent and Optically Switchable Hybrid Material by One-Pot Encapsulation of Dyes into MgAPO-11 Unidirectional Nanopores. *ACS Photonics*, **2014**, 1, 205-211	6.3	19
59	Photophysics of Rhodamine 6G Laser Dye in Ordered Surfactant (C12TMA)/Clay (Laponite) Hybrid Films. *Journal of Physical Chemistry C*, **2009**, 113, 965-970	3.8	19
58	Excitation energy transfer in artificial antennas: from photoactive materials to molecular assemblies. *International Reviews in Physical Chemistry*, **2015**, 34, 515-556	7	18
57	Straightforward synthetic protocol for the introduction of stabilized C nucleophiles in the BODIPY core for advanced sensing and photonic applications. *Chemistry - A European Journal*, **2015**, 21, 1755-64	4.8	18
56	An asymmetric BODIPY triad with panchromatic absorption for high-performance red-edge laser emission. *Chemical Communications*, **2015**, 51, 11382-5	5.8	18
55	Versatile Photoactive Materials Based on Zeolite L Doped with Laser Dyes. *ChemPlusChem*, **2012**, 77, 61-70	2.8	18
54	On the arrangements of R6G molecules in organophilic C12TMA/lap clay films for low dye loadings. *Langmuir*, **2010**, 26, 930-7	4	18
53	Modulation of ICT probability in bi(polyarene)-based O-BODIPYs: towards the development of low-cost bright arene-BODIPY dyads. *Dalton Transactions*, **2017**, 46, 11830-11839	4.3	17
52	Strategies for modulating the luminescence properties of pyronin Y dye-clay films: an experimental and theoretical study. *Physical Chemistry Chemical Physics*, **2016**, 18, 8730-8	3.6	17
51	Enhanced phosphorescence emission by incorporating aromatic halides into an entangled coordination framework based on naphthalenediimide. *ChemPhysChem*, **2014**, 15, 2517-21	3.2	16
50	Photophysical characterization of new 3-amino and 3-acetamido BODIPY dyes with solvent sensitive properties. *Journal of Fluorescence*, **2008**, 18, 899-907	2.4	16

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48	Formation of a Nonlinear Optical Host-Guest Hybrid Material by Tight Confinement of LDS 722 into Aluminophosphate 1D Nanochannels. *Chemistry - A European Journal*, **2016**, 22, 15700-15711	4.8	15
47	Modulating dye aggregation by incorporation into 1D-MgAPO nanochannels. *Chemistry - A European Journal*, **2013**, 19, 9859-65	4.8	15
46	Photoactive Nanomaterials Inspired by Nature: LTL Zeolite Doped with Laser Dyes as Artificial Light Harvesting Systems. *Materials*, **2017**, 10,	3.5	14
45	Methylthio BODIPY as a standard triplet photosensitizer for singlet oxygen production: a photophysical study. *Physical Chemistry Chemical Physics*, **2019**, 21, 20403-20414	3.6	13
44	Water Adsorption on the Dicalcium Silicate Surface from DFT Simulations. *Minerals (Basel, Switzerland)*, **2018**, 8, 386	2.4	13
43	Cs-137 immobilization in C-S-H gel nanopores. *Physical Chemistry Chemical Physics*, **2018**, 20, 9289-9297	3.6	12
42	Fully Functionalizable BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures. *Journal of Organic Chemistry*, **2018**, 83, 10186-10196	4.2	12
41	Synthesis and optical and redox properties of symmetric and asymmetric BODIPYs. *ChemPhysChem*, **2012**, 13, 3923-31	3.2	12
40	Photophysical and laser properties of cassettes based on a BODIPY and rhodamine pair. *Chemistry - an Asian Journal*, **2013**, 8, 3133-41	4.5	11
39	Naturally Assembled Excimers in Xanthenes as Singular and Highly Efficient Laser Dyes in Liquid and Solid Media. *Advanced Optical Materials*, **2013**, 1, 984-990	8.1	11
38	Self-association of the molecular forms of Rhodamine 19. Solvent effect. *Spectrochimica Acta Part A: Molecular Spectroscopy*, **1989**, 45, 1201-1206		11
37	Adapting BODIPYs to singlet oxygen production on silica nanoparticles. *Physical Chemistry Chemical Physics*, **2017**, 19, 13746-13755	3.6	10
36	Stereochemical and Steric Control of Photophysical and Chiroptical Properties in Bichromophoric Systems. *Chemistry - A European Journal*, **2018**, 24, 3802-3815	4.8	10
35	One-Directional Antenna Systems: Energy Transfer from Monomers to J-Aggregates within 1D Nanoporous Aluminophosphates. *ACS Photonics*, **2018**, 5, 151-157	6.3	10
34	Microwave Synthesis of LTL Zeolites with Tunable Size and Morphology: An Optimal Support for Metal-Catalyzed Hydrogen Production from Biogas Reforming Processes. *Particle and Particle Systems Characterization*, **2014**, 31, 110-120	3.1	10
33	Environmental effects on the photophysics of pyrromethene 556. *Physical Chemistry Chemical Physics*, **1999**, 1, 791-795	3.6	9
32	Controlling Vilsmeier-Haack processes in meso-methylBODIPYs: A new way to modulate finely photophysical properties in boron dipyrromethenes. *Dyes and Pigments*, **2017**, 141, 286-298	4.6	8

31	Synthesis, Properties, and Functionalization of Nonsymmetric 8-MethylthioBODIPYs. *European Journal of Organic Chemistry*, **2016**, 2016, 5009-5023	3.2	8
30	Preparation, photophysical characterization, and modeling of LDS722/Laponite 2D-ordered hybrid films. *Langmuir*, **2014**, 30, 10112-7	4	8
29	One-Dimensional Antenna Systems by Crystallization Inclusion of Dyes (One-Pot Synthesis) within Zeolitic MgAPO-36 Nanochannels. *Journal of Physical Chemistry C*, **2013**, 117, 24063-24070	3.8	8
28	Improving the fluorescence polarization method to evaluate the orientation of fluorescent systems adsorbed in ordered layered materials. *Journal of Luminescence*, **2009**, 129, 1336-1340	3.8	8
27	Synthesis, Photophysical Study, and Biological Application Analysis of Complex Borondipyrromethene Dyes. *ACS Omega*, **2018**, 3, 7783-7797	3.9	7
26	Micellar charge induced emissive response of a bio-active 3-pyrazolyl-2-pyrazoline derivative: a spectroscopic and quantum chemical analysis. *RSC Advances*, **2014**, 4, 56361-56372	3.7	7
25	Anisotropic fluorescence materials: Effect of the synthesis conditions over the incorporation, alignment and aggregation of Pyronine Y within MgAPO-5. *Microporous and Mesoporous Materials*, **2013**, 172, 190-199	5.3	7
24	Thermodynamics of the dimerization and trimerization of halofluorescein dyes. *Thermochimica Acta* , **1983**, 60, 219-224	2.9	7
23	Enhanced charge-transfer emission in polyimides by cyano-groups doping. *Journal of Physical Chemistry B*, **2015**, 119, 5685-92	3.4	6
22	A FRET analysis of dye diffusion in core/shell polymer nanoparticles. *RSC Advances*, **2014**, 4, 22115	3.7	6
21	A versatile synthetic approach to design tailor-made push-pull chromophores with intriguing and tunable photophysical signatures. *Dyes and Pigments*, **2017**, 147, 246-259	4.6	6
20	Increased laser action in commercial dyes from fluorination regardless of their skeleton. *Laser Physics Letters*, **2014**, 11, 115818	1.5	6
19	Spectroscopy of Ni(II) and Zn(II) tetra(p-vinylphenyl) porphyrin: Aggregation characteristics and luminescence properties. *Spectrochimica Acta Part A: Molecular Spectroscopy*, **1986**, 42, 1355-1360		6
18	Study of exciton interaction and the nature of bonding in the aggregation of phenosafranine from concentration-dependent spectral changes. *Spectrochimica Acta Part A: Molecular Spectroscopy*, **1988**, 44, 423-428		6
17	Chiral Microneedles from an Achiral Bis(boron dipyrromethene): Spontaneous Mirror Symmetry Breaking Leading to a Promising Photoluminescent Organic Material. *Langmuir*, **2019**, 35, 5021-5028	4	5
16	Tuning Light Emission towards White Light from a Naphthalenediimide-Based Entangled Metal-Organic Framework by Mixing Aromatic Guest Molecules. *Polymers*, **2018**, 10,	4.5	5
15	Solvent-Sensitive Emitting Urea-Bridged bis-BODIPYs: Ready Access by a One-Pot Tandem Staudinger/Aza-Wittig Ureation. *Chemistry - A European Journal*, **2017**, 23, 17511-17520	4.8	5
14	Tailoring the Photophysical Signatures of BODIPY Dyes: Toward Fluorescence Standards across the Visible Spectral Region **2018**,		5

13	Photophysics and lasing correlation of pyrromethene 567 dye in crosslinked polymeric networks. *Journal of Luminescence*, **2007**, 126, 833-837	3.8	4
12	Bichromatic laser emission from dipyrromethene dyes incorporated into solid polymeric media. *Journal of Applied Physics*, **2007**, 101, 113110	2.5	4
11	TICT and ULM models for the radiationless deactivation of rhodamines. *Journal of Chemical Sciences* , **1992**, 104, 165-171	1.8	4
10	Shedding light on the mitochondrial matrix through a functional membrane transporter. *Chemical Science*, **2019**, 11, 1052-1065	9.4	4
9	Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. *European Journal of Organic Chemistry*, **2021**, 2021, 253-265	3.2	4
8	Focusing on charge-surface interfacial effects to enhance the laser properties of dye-doped nanoparticles. *Laser Physics Letters*, **2014**, 11, 015901	1.5	3
7	Emission properties of dye-doped cationic nanoparticles: size, surfactant and monomeric composition effects. *RSC Advances*, **2015**, 5, 4454-4462	3.7	3
6	Distinctive Diffusion Regimes of Organic Molecules in Clays: (De)Coupled Motion with Water. *Journal of Physical Chemistry C*, **2019**, 123, 511-516	3.8	2
5	The Role of Water on C-S-H Gel Shear Strength Studied by Molecular Dynamics Simulations **2015**,		1
4	Ready Access to Molecular Rotors Based on Boron Dipyrromethene Dyes-Coumarin Dyads Featuring Broadband Absorption. *Molecules*, **2020**, 25,	4.8	1
3	Dye Encapsulation Into One-Dimensional Zeolitic Materials for Optical Applications **2019**, 229-248		1
2	Linde Type L Zeolite: A Privileged Porous Support to Develop Photoactive and Catalytic Nanomaterials **2018**,		1
1	Enhancement of NIR emission by a tight confinement of a hemicyanine dye within zeolitic MgAPO-5 nanochannels. *Photochemical and Photobiological Sciences*, **2018**, 17, 917-922	4.2	1