

Virginia Martinez-Martinez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

2,688

citations

26

h-index

51

g-index

73

ext. papers

2,936

ext. citations

5.3

avg, IF

4.74

L-index

#	Paper	IF	Citations
67	Molecular decoding using luminescence from an entangled porous framework. <i>Nature Communications</i> , 2011 , 2, 168	17.4	634
66	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, 7443-50	3.4	173
65	Luminescence properties of rhodamine 6G intercalated in surfactant/clay hybrid thin solid films. <i>Langmuir</i> , 2004 , 20, 4715-9	4	134
64	Structural, photophysical and lasing properties of pyrromethene dyes. <i>International Reviews in Physical Chemistry</i> , 2005 , 24, 339-374	7	122
63	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	16.4	117
62	Photophysical Properties of the Pyrromethene 597 Dye: Solvent Effect. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 5503-5508	2.8	80
61	Orientation of Adsorbed Dyes in the Interlayer Space of Clays. 2 Fluorescence Polarization of Rhodamine 6G in Laponite Films. <i>Chemistry of Materials</i> , 2006 , 18, 1407-1416	9.6	79
60	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	3.4	77
59	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	2.5	67
58	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	4.8	66
57	Characterization of supported solid thin films of Laponite clay. Intercalation of rhodamine 6G laser dye. <i>Langmuir</i> , 2004 , 20, 5709-17	4	59
56	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	2.7	58
55	Modulation of the photophysical properties of BODIPY dyes by substitution at their meso position.. <i>RSC Advances</i> , 2011 , 1, 677	3.7	53
54	Exploration of single molecule events in a haloperoxidase and its biomimic: localization of halogenation activity. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13192-3	16.4	53
53	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	3.8	50
52	Spectral properties of rhodamine 3B adsorbed on the surface of montmorillonites with variable layer charge. <i>Langmuir</i> , 2007 , 23, 1851-9	4	49
51	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	9.6	48

50	Adsorption of Rhodamine 3B Dye on Saponite Colloidal Particles in Aqueous Suspensions. <i>Langmuir</i> , 2002 , 18, 2658-2664	4	47
49	Theoretical study of the ground and excited electronic states of pyrromethene 546 laser dye and related compounds. <i>Chemical Physics</i> , 2004 , 296, 13-22	2.3	46
48	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, 3437-45	3.6	39
47	Exploring BODIPY Derivatives as Singlet Oxygen Photosensitizers for PDT. <i>Photochemistry and Photobiology</i> , 2020 , 96, 458-477	3.6	36
46	Structural and spectroscopic characteristics of Pyrromethene 567 laser dye. A theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 4247-4253	3.6	33
45	Singlet Fission Mediated Photophysics of BODIPY Dimers. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 641-646	6.4	32
44	AcetylacetonateBODIPY-Biscyclometalated Iridium(III) Complexes: Effective Strategy towards Smarter Fluorescent Photosensitizer Agents. <i>Chemistry - A European Journal</i> , 2017 , 23, 10139-10147	4.8	31
43	New fluorescent polarization method to evaluate the orientation of adsorbed molecules in uniaxial 2D layered materials. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006 , 181, 44-49	4.7	28
42	Molecular Forces Governing Shear and Tensile Failure in Clay-Dye Hybrid Materials. <i>Chemistry of Materials</i> , 2014 , 26, 4338-4345	9.6	26
41	Application of fluorescence with polarized light to evaluate the orientation of dyes adsorbed in layered materials. <i>Journal of Fluorescence</i> , 2006 , 16, 233-40	2.4	26
40	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		23
39	Adsorption of fluorescent R6G dye into organophilic C12TMA laponite films. <i>Journal of Colloid and Interface Science</i> , 2008 , 321, 212-9	9.3	23
38	Strong intramolecular charge transfer emission in benzobisoxazole cruciforms: solvatochromic dyes as polarity indicators. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 18023-9	3.6	21
37	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	4.4	21
36	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	6.3	19
35	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	3.8	19
34	Resonance Energy Transfer between Dye Molecules in Colloids of a Layered Silicate. The Effect of Dye Surface Concentration. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 8300-8309	3.8	18
33	Versatile Photoactive Materials Based on Zeolite L Doped with Laser Dyes. <i>ChemPlusChem</i> , 2012 , 77, 61-70	2.8	18

32	On the arrangements of R6G molecules in organophilic C12TMA/lap clay films for low dye loadings. <i>Langmuir</i> , 2010 , 26, 930-7	4	18
31	Flavin Bioorthogonal Photocatalysis Toward Platinum Substrates. <i>ACS Catalysis</i> , 2020 , 10, 187-196	13.1	17
30	Strategies for modulating the luminescence properties of pyronin Y dye-clay films: an experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 8730-8	3.6	17
29	Enhanced phosphorescence emission by incorporating aromatic halides into an entangled coordination framework based on naphthalenediimide. <i>ChemPhysChem</i> , 2014 , 15, 2517-21	3.2	16
28	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	4.8	15
27	Modulating dye aggregation by incorporation into 1D-MgAPO nanochannels. <i>Chemistry - A European Journal</i> , 2013 , 19, 9859-65	4.8	15
26	Methylthio BODIPY as a standard triplet photosensitizer for singlet oxygen production: a photophysical study. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 20403-20414	3.6	13
25	A versatile fluorescent molecular probe endowed with singlet oxygen generation under white-light photosensitization. <i>Dyes and Pigments</i> , 2017 , 142, 77-87	4.6	12
24	Fully Functionalizable Γ -BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures. <i>Journal of Organic Chemistry</i> , 2018 , 83, 10186-10196	4.2	12
23	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	8.1	11
22	Adapting BODIPYs to singlet oxygen production on silica nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 13746-13755	3.6	10
21	One-Directional Antenna Systems: Energy Transfer from Monomers to J-Aggregates within 1D Nanoporous Aluminophosphates. <i>ACS Photonics</i> , 2018 , 5, 151-157	6.3	10
20	Concerning the color change of pyrromethene 650 dye in electron-donor solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006 , 184, 298-305	4.7	9
19	Manipulating Charge-Transfer States in BODIPYs: A Model Strategy to Rapidly Develop Photodynamic Theragnostic Agents. <i>Chemistry - A European Journal</i> , 2020 , 26, 601-605	4.8	9
18	Resonance energy transfer between dye molecules in hybrid films of a layered silicate, including the effect of dye concentration thereon. <i>Applied Clay Science</i> , 2018 , 155, 57-64	5.2	8
17	Preparation, photophysical characterization, and modeling of LDS722/Laponite 2D-ordered hybrid films. <i>Langmuir</i> , 2014 , 30, 10112-7	4	8
16	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	3.8	8
15	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	3.8	8

14	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	5.3	7
13	Enhanced charge-transfer emission in polyimides by cyano-groups doping. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 5685-92	3.4	6
12	Synthesis and characterization of near-infrared fluorescent and magnetic iron zero-valent nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 315, 1-7	4.7	5
11	A general modular approach for the solubility tagging of BODIPY dyes. <i>Dyes and Pigments</i> , 2019 , 170, 107545	4.6	5
10	Tuning Light Emission towards White Light from a Naphthalenediimide-Based Entangled Metal-Organic Framework by Mixing Aromatic Guest Molecules. <i>Polymers</i> , 2018 , 10,	4.5	5
9	Shedding light on the mitochondrial matrix through a functional membrane transporter. <i>Chemical Science</i> , 2019 , 11, 1052-1065	9.4	4
8	Fluorescence Anisotropy to Study the Preferential Orientation of Fluorophores in Ordered Bi-Dimensional Systems: Rhodamine 6G/Laponite Layered Films. <i>Reviews in Fluorescence</i> , 2010 , 1-35	0	3
7	Enhancing the Photocatalytic Conversion of Pt(IV) Substrates by Flavoprotein Engineering. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 4504-4508	6.4	3
6	Functionalized Fluorescent Silica Nanoparticles for Bioimaging of Cancer Cells. <i>Sensors</i> , 2020 , 20,	3.8	2
5	Viewpoint Regarding "Singlet Fission Mediated Photophysics of BODIPY Dimers". <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 7439-7441	6.4	2
4	Red haloBODIPYs as theragnostic agents: The role of the substitution at meso position. <i>Dyes and Pigments</i> , 2022 , 198, 110015	4.6	1
3	An n ^π gated decay mediates excited-state lifetimes of isolated azaindoles. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 18639-18645	3.6	1
2	Dye Encapsulation Into One-Dimensional Zeolitic Materials for Optical Applications 2019 , 229-248		1
1	Enhancement of NIR emission by a tight confinement of a hemicyanine dye within zeolitic MgAPO-5 nanochannels. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 917-922	4.2	1