Virginia Martinez-Martinez

List of Publications by Year in Descending Order

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	Red haloBODIPYs as theragnostic agents: The role of the substitution at meso position. *Dyes and Pigments*, **2022**, 198, 110015	4.6	1
66	Enhancing the Photocatalytic Conversion of Pt(IV) Substrates by Flavoprotein Engineering. *Journal of Physical Chemistry Letters*, **2021**, 12, 4504-4508	6.4	3
65	Viewpoint Regarding "Singlet Fission Mediated Photophysics of BODIPY Dimers". *Journal of Physical Chemistry Letters*, **2021**, 12, 7439-7441	6.4	2
64	Exploring BODIPY Derivatives as Singlet Oxygen Photosensitizers for PDT. *Photochemistry and Photobiology*, **2020**, 96, 458-477	3.6	36
63	Manipulating Charge-Transfer States in BODIPYs: A Model Strategy to Rapidly Develop Photodynamic Theragnostic Agents. *Chemistry - A European Journal*, **2020**, 26, 601-605	4.8	9
62	Flavin Bioorthogonal Photocatalysis Toward Platinum Substrates. *ACS Catalysis*, **2020**, 10, 187-196	13.1	17
61	Functionalized Fluorescent Silica Nanoparticles for Bioimaging of Cancer Cells. *Sensors*, **2020**, 20,	3.8	2
60	An n□ gated decay mediates excited-state lifetimes of isolated azaindoles. *Physical Chemistry Chemical Physics*, **2020**, 22, 18639-18645	3.6	1
59	A general modular approach for the solubility tagging of BODIPY dyes. *Dyes and Pigments*, **2019**, 170, 107545	4.6	5
58	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
57	Shedding light on the mitochondrial matrix through a functional membrane transporter. *Chemical Science*, **2019**, 11, 1052-1065	9.4	4
56	Dye Encapsulation Into One-Dimensional Zeolitic Materials for Optical Applications **2019**, 229-248		1
55	Singlet Fission Mediated Photophysics of BODIPY Dimers. *Journal of Physical Chemistry Letters*, **2018**, 9, 641-646	6.4	32
54	Resonance energy transfer between dye molecules in hybrid films of a layered silicate, including the effect of dye concentration thereon. *Applied Clay Science*, **2018**, 155, 57-64	5.2	8
53	One-Directional Antenna Systems: Energy Transfer from Monomers to J-Aggregates within 1D Nanoporous Aluminophosphates. *ACS Photonics*, **2018**, 5, 151-157	6.3	10
52	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
51	Fully Functionalizable □BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures. *Journal of Organic Chemistry*, **2018**, 83, 10186-10196	4.2	12

50	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
49	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
48	Adapting BODIPYs to singlet oxygen production on silica nanoparticles. *Physical Chemistry Chemical Physics*, **2017**, 19, 13746-13755	3.6	10
47	AcetylacetonateBODIPY-Biscyclometalated Iridium(III) Complexes: Effective Strategy towards Smarter Fluorescent Photosensitizer Agents. *Chemistry - A European Journal*, **2017**, 23, 10139-10147	4.8	31
46	Resonance Energy Transfer between Dye Molecules in Colloids of a Layered Silicate. The Effect of Dye Surface Concentration. *Journal of Physical Chemistry C*, **2017**, 121, 8300-8309	3.8	18
45	A versatile fluorescent molecular probe endowed with singlet oxygen generation under white-light photosensitization. *Dyes and Pigments*, **2017**, 142, 77-87	4.6	12
44	Synthesis and characterization of near-infrared fluorescent and magnetic iron zero-valent nanoparticles. *Journal of Photochemistry and Photobiology A: Chemistry*, **2016**, 315, 1-7	4.7	5
43	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
42	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
41	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
40	Enhanced charge-transfer emission in polyimides by cyano-groups doping. *Journal of Physical Chemistry B*, **2015**, 119, 5685-92	3.4	6
39	Molecular Forces Governing Shear and Tensile Failure in Clay-Dye Hybrid Materials. *Chemistry of Materials*, **2014**, 26, 4338-4345	9.6	26
38	Enhanced phosphorescence emission by incorporating aromatic halides into an entangled coordination framework based on naphthalenediimide. *ChemPhysChem*, **2014**, 15, 2517-21	3.2	16
37	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
36	Preparation, photophysical characterization, and modeling of LDS722/Laponite 2D-ordered hybrid films. *Langmuir*, **2014**, 30, 10112-7	4	8
35	Strong intramolecular charge transfer emission in benzobisoxazole cruciforms: solvatochromic dyes as polarity indicators. *Physical Chemistry Chemical Physics*, **2013**, 15, 18023-9	3.6	21
34	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
33	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

32	Modulating dye aggregation by incorporation into 1D-MgAPO nanochannels. *Chemistry - A European Journal*, **2013**, 19, 9859-65	4.8	15
31	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
30	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
29	Versatile Photoactive Materials Based on Zeolite L Doped with Laser Dyes. *ChemPlusChem*, **2012**, 77, 61-70	2.8	18
28	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
27	Molecular decoding using luminescence from an entangled porous framework. *Nature Communications*, **2011**, 2, 168	17.4	634
26	Modulation of the photophysical properties of BODIPY dyes by substitution at their meso position.. *RSC Advances*, **2011**, 1, 677	3.7	53
25	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
24	Fluorescence Anisotropy to Study the Preferential Orientation of Fluorophores in Ordered Bi-Dimensional Systems: Rhodamine 6G/Laponite Layered Films. *Reviews in Fluorescence*, **2010**, 1-35	0	3
23	On the arrangements of R6G molecules in organophilic C12TMA/lap clay films for low dye loadings. *Langmuir*, **2010**, 26, 930-7	4	18
22	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
21	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
20	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
19	Exploration of single molecule events in a haloperoxidase and its biomimic: localization of halogenation activity. *Journal of the American Chemical Society*, **2008**, 130, 13192-3	16.4	53
18	Adsorption of fluorescent R6G dye into organophilic C12TMA laponite films. *Journal of Colloid and Interface Science*, **2008**, 321, 212-9	9.3	23
17	Spectral properties of rhodamine 3B adsorbed on the surface of montmorillonites with variable layer charge. *Langmuir*, **2007**, 23, 1851-9	4	49
16	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
15	Orientation of Adsorbed Dyes in the Interlayer Space of Clays. 2 Fluorescence Polarization of Rhodamine 6G in Laponite Films. *Chemistry of Materials*, **2006**, 18, 1407-1416	9.6	79

14	New fluorescent polarization method to evaluate the orientation of adsorbed molecules in uniaxial 2D layered materials. *Journal of Photochemistry and Photobiology A: Chemistry*, **2006**, 181, 44-49	4.7	28
13	Concerning the color change of pyrromethene 650 dye in electron-donor solvents. *Journal of Photochemistry and Photobiology A: Chemistry*, **2006**, 184, 298-305	4.7	9
12	Application of fluorescence with polarized light to evaluate the orientation of dyes adsorbed in layered materials. *Journal of Fluorescence*, **2006**, 16, 233-40	2.4	26
11	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
10	Structural, photophysical and lasing properties of pyrromethene dyes. *International Reviews in Physical Chemistry*, **2005**, 24, 339-374	7	122
9	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
8	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
7	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
6	Characterization of supported solid thin films of Laponite clay. Intercalation of rhodamine 6G laser dye. *Langmuir*, **2004**, 20, 5709-17	4	59
5	Structural and spectroscopic characteristics of Pyrromethene 567 laser dye. A theoretical approach. *Physical Chemistry Chemical Physics*, **2004**, 6, 4247-4253	3.6	33
4	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
3	Luminescence properties of rhodamine 6G intercalated in surfactant/clay hybrid thin solid films. *Langmuir*, **2004**, 20, 4715-9	4	134
2	Photophysical Properties of the Pyrromethene 597 Dye: Solvent Effect. *Journal of Physical Chemistry A*, **2004**, 108, 5503-5508	2.8	80
1	Adsorption of Rhodamine 3B Dye on Saponite Colloidal Particles in Aqueous Suspensions. *Langmuir* , **2002**, 18, 2658-2664	4	47