

Francisco Galindo

List of Publications by Year in descending order

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100
papers

2,519
citations

159525

30
h-index

223716

46
g-index

107
all docs

107
docs citations

107
times ranked

2735
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Macrocyclic Peptidomimetics as Tunable pH Probes for the Fluorescence Imaging of Acidic Organelles in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6504-6508.	7.2	151
2	Efficient Macrocyclization of U-Turn Preorganized Peptidomimetics: The Role of Intramolecular H-Bond and Solvophobic Effects. <i>Journal of the American Chemical Society</i> , 2003, 125, 6677-6686.	6.6	104
3	A photobleaching resistant polymer supported hexanuclear molybdenum iodide cluster for photocatalytic oxygenations and photodynamic inactivation of <i>Staphylococcus aureus</i> . <i>Journal of Materials Chemistry B</i> , 2016, 4, 5975-5979.	2.9	85
4	Cross-linked poly(2-hydroxyethylmethacrylate) films doped with 1,2-diaminoanthraquinone (DAQ) as efficient materials for the colorimetric sensing of nitric oxide and nitrite anion. <i>Tetrahedron Letters</i> , 2006, 47, 1787-1791.	0.7	74
5	Polymer supported ionic liquid phases (SILPs) versus ionic liquids (ILs): How much do they look alike. <i>Chemical Communications</i> , 2007, , 3086-3088.	2.2	74
6	Turn-on fluorescent probes for nitric oxide sensing based on the ortho-hydroxyamino structure showing no interference with dehydroascorbic acid. <i>Chemical Communications</i> , 2014, 50, 3579.	2.2	73
7	Self-Assembly of Small Peptidomimetic Cyclophanes. <i>Chemistry - A European Journal</i> , 2004, 10, 3879-3890.	1.7	71
8	Localized Intracellular pH Measurement Using a Ratiometric Photoinduced Electron Transfer-Based Nanosensor. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9657-9661.	7.2	67
9	Photoluminescence Enhancement of CdSe Quantum Dots: A Case of Organogel-Nanoparticle Symbiosis. <i>Journal of the American Chemical Society</i> , 2012, 134, 20554-20563.	6.6	65
10	Acridine yellow as solar photocatalyst for enhancing biodegradability and eliminating ferulic acid as model pollutant. <i>Applied Catalysis B: Environmental</i> , 2007, 73, 220-226.	10.8	59
11	Fluorescent Acridine-Based Receptors for $H_2PO_4^-$. <i>Journal of Organic Chemistry</i> , 2012, 77, 490-500.	1.7	58
12	Synthesis and study of a cyclophane displaying dual fluorescence emission: a novel ratiometric sensor for carboxylic acids in organic medium. <i>Tetrahedron Letters</i> , 2004, 45, 1659-1662.	0.7	56
13	Molecular Rotors as Simple Models to Study Amide NH \cdots Aromatic Interactions and Their Role in the Folding of Peptide-like Structures. <i>Journal of Organic Chemistry</i> , 2007, 72, 7947-7956.	1.7	56
14	Nickel complexes from β -amino amides as efficient catalysts for the enantioselective Et_2Zn addition to benzaldehyde. <i>Tetrahedron Letters</i> , 2003, 44, 6891-6894.	0.7	53
15	Water/humidity and ammonia sensor, based on a polymer hydrogel matrix containing a fluorescent flavylum compound. <i>Journal of Materials Chemistry</i> , 2005, 15, 2840.	6.7	52
16	Pyrylium salt-photosensitised degradation of phenolic contaminants present in olive oil wastewaters with solar light. <i>Applied Catalysis B: Environmental</i> , 2001, 30, 437-444.	10.8	51
17	Chameleonic, Light Harvesting Photonic Gels Based on Orthogonal Molecular Fibrillation. <i>Chemistry of Materials</i> , 2016, 28, 7964-7972.	3.2	49
18	Superior performance of macroporous over gel type polystyrene as a support for the development of photo-bactericidal materials. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6058-6064.	2.9	48

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19	Write-Read-Erase Molecular-Switching System Trapped in a Polymer Hydrogel Matrix. <i>Advanced Functional Materials</i> , 2005, 15, 541-545.	7.8	46
20	Pyrylium salt-photosensitized degradation of phenolic contaminants derived from cinnamic acid with solar light. <i>Applied Catalysis B: Environmental</i> , 2000, 28, 127-133.	10.8	44
21	Unraveling the Molecular Recognition of Amino Acid Derivatives by a Pseudopeptidic Macrocyclic: ESI-MS, NMR, Fluorescence, and Modeling Studies. <i>Journal of Organic Chemistry</i> , 2009, 74, 6130-6142.	1.7	44
22	The photochemical rearrangement of aromatic ethers. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2005, 6, 123-138.	5.6	38
23	Singlet oxygen generation using a porous monolithic polymer supported photosensitizer: potential application to the photodynamic destruction of melanoma cells. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 37-44.	1.6	38
24	Organogelâ€“quantum dots hybrid materials displaying fluorescence sensitivity and structural stability towards nitric oxide. <i>Soft Matter</i> , 2012, 8, 4373.	1.2	38
25	Steady-State and Time-Resolved Studies on Oxetane Cycloreversion Using (Thia)pyrylium Salts as Electron-Transfer Photosensitizers. <i>Organic Letters</i> , 2001, 3, 1965-1967.	2.4	33
26	Involvement of Triplet Excited States and Olefin Radical Cations in Electron-Transfer Cycloreversion of Four-Membered Ring Compounds Photosensitized by (Thia)pyrylium Salts. <i>Journal of Organic Chemistry</i> , 2002, 67, 4138-4142.	1.7	33
27	Fluorescence quenching in organogel as a reaction medium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 178, 57-61.	2.0	32
28	A turn-on fluorescent indicator for citrate with micromolar sensitivity. <i>Dalton Transactions</i> , 2007, , 4027.	1.6	31
29	Spectroscopic studies of 1,2-diaminoanthraquinone (DAQ) as a fluorescent probe for the imaging of nitric oxide in living cells. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 126-130.	1.6	31
30	Insights into the aggregation-induced emission of 1,8-naphthalimide-based supramolecular hydrogels. <i>Nanoscale</i> , 2018, 10, 17060-17069.	2.8	31
31	Use of Fluorescence Spectroscopy To Study Polymeric Materials with Porous Structure Based on Imprinting by Self-Assembled Fibrillar Networks. <i>Langmuir</i> , 2008, 24, 9795-9803.	1.6	29
32	Ratiometric fluorescence sensing of phenylalanine derivatives by synthetic macrocyclic receptors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 209, 61-67.	2.0	28
33	Fluorescence of 1,2-Diaminoanthraquinone and its Nitric Oxide Reaction Product within Macrophage Cells. <i>ChemBioChem</i> , 2011, 12, 2471-2477.	1.3	26
34	A Sensitive Colorimetric Method for the Study of Polystyrene Merrifield Resins and Chloromethylated Macroporous Monolithic Polymers. <i>ACS Combinatorial Science</i> , 2004, 6, 859-861.	3.3	25
35	The synthesis of new fluorescent bichromophoric compounds as ratiometric pH probes for intracellular measurements. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7736-7749.	1.5	25
36	Quantum dotâ€“polymethacrylate composites for the analysis of NOx by fluorescence spectroscopy. <i>Inorganica Chimica Acta</i> , 2012, 381, 212-217.	1.2	24

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37	Time resolved fluorescence of naproxen in organogel medium. <i>Chemical Physics Letters</i> , 2008, 460, 503-506.	1.2	22
38	Synthesis of a new hydrophilic poly(ethylene glycol)-ionic liquid and its application in peptide synthesis. <i>Chemical Communications</i> , 2010, 46, 8842.	2.2	22
39	Pyrylium and thiopyrylium salts as electron transfer photosensitizers for the [2+2] cycloaddition of poly(vinyl cinnamate) in solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 113, 155-161.	2.0	21
40	Novel peptidomimetic macrocycles showing exciplex fluorescence. <i>Tetrahedron</i> , 2007, 63, 9493-9501.	1.0	21
41	Synthesis and Evaluation of Pseudopeptidic Fluorescence pH Probes for Acidic Cellular Organelles: In Vivo Monitoring of Bacterial Phagocytosis by Multiparametric Flow Cytometry. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5967-5979.	1.2	20
42	New polymer-supported photocatalyst with improved compatibility with polar solvents. Synthetic application using solar light as energy source. <i>Catalysis Communications</i> , 2010, 11, 1081-1084.	1.6	20
43	Sizing Down a Supramolecular Gel into Micro- and Nanoparticles. <i>Langmuir</i> , 2017, 33, 10322-10328.	1.6	20
44	In between molecules and self-assembled fibrillar networks: highly stable nanogel particles from a low molecular weight hydrogelator. <i>Soft Matter</i> , 2019, 15, 3565-3572.	1.2	20
45	Liposome-Enveloped Molecular Nanogels. <i>Langmuir</i> , 2019, 35, 13375-13381.	1.6	19
46	Photodynamic Inactivation of <i>Staphylococcus aureus</i> Biofilms Using a Hexanuclear Molybdenum Complex Embedded in Transparent polyHEMA Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6995-7003.	2.6	19
47	Recognition of Free Tryptophan in Water by Synthetic Pseudopeptides: Fluorescence and Thermodynamic Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 7465-7478.	1.7	18
48	A spectroscopic study to assess the photogeneration of singlet oxygen by graphene oxide. <i>Materials Letters</i> , 2019, 251, 45-51.	1.3	18
49	Improved polyHEMA-DAQ films for the optical analysis of nitrite. <i>European Polymer Journal</i> , 2009, 45, 1516-1523.	2.6	17
50	Photophysical study of a cyclophane displaying intramolecular exciplex emission. <i>Chemical Physics</i> , 2004, 302, 287-294.	0.9	15
51	A simple peptidomimetic that self-associates on the solid state to form a nanoporous architecture containing chiral β -channels. <i>CrystEngComm</i> , 2010, 12, 1722.	1.3	15
52	A Dual Stimuli Responsive Supramolecular Gel Provides Insulin Hydrolysis Protection and Redox-Controlled Release of Actives. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900419.	1.1	15
53	Photoactive Hexanuclear Molybdenum Nanoclusters Embedded in Molecular Organogels. <i>Inorganic Chemistry</i> , 2019, 58, 8900-8905.	1.9	14
54	Photoluminescence of CdSe/ZnS core-shell quantum dots stabilized in water with a pseudopeptidic gemini surfactant. <i>Nanoscale</i> , 2011, 3, 3613.	2.8	13

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55	Singlet oxygen generation by photoactive polymeric microparticles with enhanced aqueous compatibility. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11884-11892.	2.7	13
56	A cost-effective combination of Rose Bengal and off-the-shelf cationic polystyrene for the photodynamic inactivation of <i>Pseudomonas aeruginosa</i> . <i>Materials Science and Engineering C</i> , 2020, 117, 111302.	3.8	13
57	Fluorescent macrocyclic probes with pendant functional groups as markers of acidic organelles within live cells. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 823-831.	1.5	12
58	Synthesis, spectroscopic studies and biological evaluation of acridine derivatives: The role of aggregation on the photodynamic efficiency. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 869-874.	1.0	12
59	Synthetic application of photoactive porous monolithic polymers. <i>Tetrahedron Letters</i> , 2010, 51, 3360-3363.	0.7	11
60	Dithiolen dimetallic molybdenum(v) complexes displaying intraligand charge transfer (ILCT) emission. <i>Dalton Transactions</i> , 2013, 42, 12947.	1.6	11
61	Novel fluorescent anthracene-bodipy dyads displaying sensitivity to pH and turn-on behaviour towards Cu(II) ions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3013-3024.	1.5	11
62	Coupling of phenoxy and alkyl radicals derived from the photolysis of phenol/ketone pairs: an intermolecular approach to the photo-Claisen rearrangement. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 117, 17-19.	2.0	10
63	New Efficient Procedure for the Use of Diethoxyphosphoryl as a Protecting Group in the Synthesis of Polyazamacrocycles. Preparation of Polyazacyclophanes Derived from Resorcinol. <i>Journal of Organic Chemistry</i> , 2003, 68, 10169-10171.	1.7	10
64	Styrylpyrylium Dyes as Solvent-Sensitive Molecules Displaying Dual Fluorescence. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4864-4870.	1.2	10
65	High Optical Performance of Cyan-Emissive CsPbBr ₃ Perovskite Quantum Dots Embedded in Molecular Organogels. <i>Advanced Optical Materials</i> , 2021, 9, 2001786.	3.6	10
66	Broad-Spectrum Photo-Antimicrobial Polymers Based on Cationic Polystyrene and Rose Bengal. <i>Frontiers in Medicine</i> , 2021, 8, 641646.	1.2	10
67	Improving photocatalytic oxygenation mediated by polymer supported photosensitizers using semiconductor quantum dots as "light antennas". <i>RSC Advances</i> , 2017, 7, 35154-35158.	1.7	9
68	Excited state interactions in phenol/olefin bichromophoric compounds: direct detection of an intramolecular exciplex. <i>Chemical Communications</i> , 2000, , 1747-1748.	2.2	8
69	Characterization of amine stabilized CdSe/ZnS core-shell quantum dots by using triarylpyrylium dyes. <i>RSC Advances</i> , 2016, 6, 56064-56068.	1.7	8
70	Multimodal Light-Harvesting Soft Hybrid Materials: Assisted Energy Transfer upon Thermally Reversible Gelation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21154-21159.	1.5	8
71	Detection of subcellular nitric oxide in mitochondria using a pyrylium probe: assays in cell cultures and peripheral blood. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9885-9892.	2.9	8
72	A photoinduced electron transfer-based nanoprobe as a marker of acidic organelles in mammalian cells. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6197-6207.	1.9	7

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73	Nitric oxide sensitive fluorescent polymeric hydrogels showing negligible interference by dehydroascorbic acid. <i>European Polymer Journal</i> , 2014, 55, 108-113.	2.6	7
74	Heteroleptic Phenanthroline Complexes of Trinuclear Molybdenum Clusters with Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1877-1885.	1.0	7
75	Thermally Regulated Reversible Formation of Vesicle-Like Assemblies by Hexapropylamine Amphiphiles. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7443-7446.	1.2	7
76	Influence of polymer composition on the sensitivity towards nitrite and nitric oxide of colorimetric disposable test strips. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3448-3455.	2.7	7
77	Photocatalytic Activity of Mesoporous Fe_2O_3 Synthesized via Soft Chemistry and Hard Template Methods for Degradation of Azo Dye Orange II. <i>Catalysis Letters</i> , 2018, 148, 1289-1295.	1.4	7
78	Synthesis of new fluorescent pyrylium dyes and study of their interaction with <i>N</i> -protected amino acids. <i>New Journal of Chemistry</i> , 2020, 44, 9509-9521.	1.4	7
79	Non-Polymeric Nanogels as Versatile Nanocarriers: Intracellular Transport of the Photosensitizers Rose Bengal and Hypericin for Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 3658-3669.	2.3	7
80	Photodynamic Inactivation of <i>Pseudomonas aeruginosa</i> by PHEMA Films Loaded with Rose Bengal: Potentiation Effect of Potassium Iodide. <i>Polymers</i> , 2021, 13, 2227.	2.0	7
81	Phenol-based styrylpyrylium dyes for trace water detection via chromogenic and fluorogenic responses. <i>Dyes and Pigments</i> , 2022, 197, 109908.	2.0	7
82	Fluorescent styrylpyrylium probes for the imaging of mitochondria in live cells. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9043-9057.	1.5	6
83	A highly photostable and versatile two-photon fluorescent probe for the detection of a wide range of intracellular nitric oxide concentrations in macrophages and endothelial cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 234, 112512.	1.7	6
84	Solid-state white-light emission from a pyrylium dye obtained in one synthetic step. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14348-14352.	2.7	5
85	Fluorescence and mass spectrometry studies of the interaction between naproxen and synthetic pseudopeptidic models in organic media. <i>Tetrahedron</i> , 2009, 65, 7801-7808.	1.0	4
86	The interaction of amino acids with macrocyclic pH probes of pseudopeptidic nature. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1320-1326.	1.6	4
87	Deamidation of pseudopeptidic molecular hydrogelators and its application to controlled release. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 1111-1117.	5.0	4
88	Photoreversible formation of nanotubes in water from an amphiphilic azobenzene derivative. <i>Chemical Communications</i> , 2021, 57, 11545-11548.	2.2	4
89	Photochemical ortho-acylation of phenols with 1,1,1-trichloroethane. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996, 97, 151-153.	2.0	3
90	Photo-Fries Reaction and Related Processes. <i>ChemInform</i> , 2004, 35, no.	0.1	3

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91	Chiral synthetic pseudopeptidic derivatives as triplet excited state quenchers. <i>Tetrahedron Letters</i> , 2009, 50, 4859-4862.	0.7	3
92	Self-Assembled Nanofibrillar Networks: Boosting Hydrogelation Efficiency by Replacement of a Pyridine Moiety by a Quinoline One. <i>ChemNanoMat</i> , 2018, 4, 769-771.	1.5	3
93	Glutathione-responsive molecular nanoparticles from a dianionic bolaamphiphile and their use as carriers for targeted delivery. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2009-2017.	5.0	3
94	Self-Assembly Controls Reactivity with Nitric Oxide: Implications for Fluorescence Sensing. <i>ACS Omega</i> , 2018, 3, 15538-15545.	1.6	2
95	Photobehavior of the antipsychotic drug cyamemazine in a supramolecular gel protective environment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 202, 111686.	1.7	2
96	Triplet Excited State Behavior of Naphthalene-Based Pseudopeptides in the Presence of Energy Donors. <i>Journal of Physical Chemistry B</i> , 2012, 116, 9957-9962.	1.2	1
97	Adsorption of Rose Bengal on a self-assembled fibrillar network affords a thermally switchable oxygenation photocatalyst and a thermochromic soft material. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112142.	2.0	1
98	Structure-performance relationships of four lysosomal markers used for the imaging of HT-29 cancer cells and a cellular model of lysosomal storage disease (Niemann-Pick C). <i>Dyes and Pigments</i> , 2022, 201, 110236.	2.0	1
99	The Photo-Fries Rearrangement. <i>ChemInform</i> , 2003, 34, no.	0.1	0
100	Nickel Complexes from α -Amino Amides as Efficient Catalysts for the Enantioselective Et ₂ Zn Addition to Benzaldehyde. <i>ChemInform</i> , 2003, 34, no.	0.1	0