

João Pina

List of Publications by Year in descending order

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106
papers

4,340
citations

94269

37
h-index

114278

63
g-index

110
all docs

110
docs citations

110
times ranked

8741
citing authors

#	ARTICLE	IF	CITATIONS
1	Ring-Fused meso-Tetraarylchlorins as Auspicious PDT Sensitizers: Synthesis, Structural Characterization, Photophysics, and Biological Evaluation. <i>Frontiers in Chemistry</i> , 2022, 10, 873245.	1.8	3
2	Polymeric near infrared emitters with bay-annulated indigo moieties. <i>Materials Advances</i> , 2021, 2, 3736-3743.	2.6	3
3	Phenomenological Understanding of Hematite Photoanode Performance. <i>Journal of Physical Chemistry C</i> , 2021, 125, 8274-8284.	1.5	5
4	New 3-Ethynylaryl Coumarin-Based Dyes for DSSC Applications: Synthesis, Spectroscopic Properties, and Theoretical Calculations. <i>Molecules</i> , 2021, 26, 2934.	1.7	12
5	Transport and photophysical studies on porphyrin-containing sulfonated poly(etheretherketone) composite membranes. <i>Materials Today Communications</i> , 2021, 29, 102781.	0.9	3
6	Synthesis and characterization of aryl-substituted BODIPY dyes displaying distinct solvatochromic singlet oxygen photosensitization efficiencies. <i>Dyes and Pigments</i> , 2021, 196, 109784.	2.0	9
7	Novel fluorinated ring-fused chlorins as promising PDT agents against melanoma and esophagus cancer. <i>RSC Medicinal Chemistry</i> , 2021, 12, 615-627.	1.7	5
8	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2020, 26, 1789-1799.	1.7	27
9	Designing highly fluorescent, arylated poly(phenylene vinylene)s of intrinsic microporosity. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2248-2257.	2.7	13
10	Tryptanthrin from indigo: Synthesis, excited state deactivation routes and efficient singlet oxygen sensitization. <i>Dyes and Pigments</i> , 2020, 175, 108125.	2.0	7
11	Structure-relation properties of N-substituted phenothiazines in solution and solid state: Photophysical, photostability and aggregation-induced emission studies. <i>Journal of Molecular Liquids</i> , 2020, 317, 113966.	2.3	17
12	Restricted Aggregate Formation on Tetraphenylethene-Substituted Polythiophenes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13956-13965.	1.5	13
13	Room-Temperature Phosphorescence and Efficient Singlet Oxygen Production by Cyclometalated Pt(II) Complexes with Aromatic Alkynyl Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 8220-8230.	1.9	22
14	Luminescent halogen-substituted 2-(<i>N</i> -arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. <i>Dalton Transactions</i> , 2020, 49, 10185-10202.	1.6	11
15	Monoterpene-based metallophthalocyanines: Sustainable synthetic approaches and photophysical studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 947-958.	0.4	5
16	Photochromic cycle of two N-salicylidene-p-X-anilines revealed by the dynamics over 10 orders of magnitude. <i>Journal of Molecular Liquids</i> , 2019, 283, 617-629.	2.3	4
17	Characterization of 4-methylesculetin and of its mono- and di-methoxylated derivatives in water and organic solvents in its ground, singlet and triplet excited states. <i>Journal of Molecular Liquids</i> , 2019, 278, 616-626.	2.3	10
18	Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 395-408.	2.6	20

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19	Alternating donor-acceptor indigo-cyclopentadithiophene copolymers: competition between excited state conformational relaxation, energy transfer and excited state proton transfer. <i>Materials Chemistry Frontiers</i> , 2018, 2, 281-290.	3.2	7
20	Cyclopentadithiophene derivatives: a step towards an understanding of thiophene copolymer excited state deactivation pathways. <i>Materials Chemistry Frontiers</i> , 2018, 2, 149-156.	3.2	9
21	Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. <i>Inorganic Chemistry</i> , 2018, 57, 13423-13430.	1.9	17
22	Aggregation-Induced Emission in Phenothiazine-TPPE and TPAN Polymers. <i>Macromolecules</i> , 2018, 51, 8501-8512.	2.2	39
23	Synthesis, Characterization and In-Vitro Evaluation of Carbohydrate-Containing Ruthenium Phthalocyanines as Third Generation Photosensitizers for Photodynamic Therapy. <i>ChemPhotoChem</i> , 2018, 2, 640-654.	1.5	17
24	Excited-State Proton Transfer in Indigo. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2308-2318.	1.2	70
25	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 310-315.	1.3	42
26	Insights into the Photophysics and Supramolecular Organization of Congo Red in Solution and the Solid State. <i>ChemPhysChem</i> , 2017, 18, 564-575.	1.0	20
27	PEG-containing ruthenium phthalocyanines as photosensitizers for photodynamic therapy: synthesis, characterization and in vitro evaluation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5862-5869.	2.9	33
28	Conformational aspects of the photochromic reactivity of two N-salicylidene aniline derivatives in a polymer matrix. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 475-486.	2.0	11
29	Optical and Photovoltaic Properties of Thieno[3,2- <i>b</i>]thiophene-Based Push-Pull Organic Dyes with Different Anchoring Groups for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2017, 2, 9268-9279.	1.6	32
30	Cost-efficient method for unsymmetrical meso-aryl porphyrins and iron oxide-porphyrin hybrids prepared thereof. <i>Dalton Transactions</i> , 2016, 45, 16211-16220.	1.6	13
31	Effect of substitution on the ultrafast deactivation of the excited state of benzo[<i>b</i>]thiophene-arylamines. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1029-1038.	1.6	8
32	Search for $W' \rightarrow tb \rightarrow qqbb$ decays in pp collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 165.	1.4	35
33	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7\text{ TeV}$. <i>European Physical Journal C</i> , 2015, 75, 158.	1.4	17
34	Measurement of the production and lepton charge asymmetry of W bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 23.	1.4	41
35	Unusual photophysical properties of conjugated, alternating indigo-fluorene copolymers. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6373-6382.	5.2	24
36	Multifaceted Regioregular Oligo(thieno[3,4- <i>b</i>]thiophene)s Enabled by Tunable Quinoidization and Reduced Energy Band Gap. <i>Journal of the American Chemical Society</i> , 2015, 137, 10357-10366.	6.6	52

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37	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
38	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	1.4	30
39	Search for resonant diboson production in the $q\bar{q} \rightarrow \gamma^* \rightarrow q\bar{q}$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.4	74
40	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	1.4	92
41	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	1.4	77
42	Search for production of WW/WZ resonances decaying to a lepton, neutrino and jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	1.4	79
43	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	62
44	Determination of spin and parity of the Higgs boson in the $WW \rightarrow e\mu\mu$ $WW \rightarrow \tau^+\tau^-$ $e\tau^+\tau^-$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	1.4	21
45	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	1.4	238
46	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector. European Physical Journal C, 2015, 75, 335.	1.4	95
47	Measurement of the top quark mass in the $t \rightarrow \text{lepton+jets}$ $t \rightarrow \tau^+ \tau^-$ dilepton channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	1.4	52
48	Polycarbazoles and polytriphenylamines showing aggregation-induced emission (AIE) and intramolecular charge transfer (ICT) behavior for the optical detection of nitroaromatic compounds. Polymer, 2015, 76, 173-181.	1.8	29
49	From molecular modelling to photophysics of neutral oligo- and polyfluorenes incorporated into phospholipid bilayers. Soft Matter, 2015, 11, 303-317.	1.2	7
50	Triplet states on π -conjugated polymers, oligomers and related materials. Photochemistry, 2015, , 83-102.	0.2	4
51	Search for production of (WW/WZ) resonances decaying to a lepton, neutrino and jets in (pp) collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. , 2015, 75, 1.		1
52	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. , 2015, 75, 1.		2
53	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 3130.	1.4	213
54	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	1.4	40

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55	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3168.	1.4	23
56	Measurement of the $t\bar{t}$ production cross-section using $e\bar{e}$ events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3109.	1.4	143
57	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	172
58	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3134.	1.4	48
59	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{\text{NN}}}=2.76\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3157.	1.4	68
60	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3195.	1.4	46
61	The effect of polyaromatic hydrocarbons on the spectral and photophysical properties of diaryl-pyrrole derivatives: an experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18319.	1.3	6
62	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014, 74, 2941.	1.4	204
63	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3023.	1.4	77
64	Measurement of the $t\bar{t}$ production cross-section using $e\bar{e}$ events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. , 2014, 74, 1.		2
65	Triphenylamine-Benzimidazole Derivatives: Synthesis, Excited-State Characterization, and DFT Studies. <i>Journal of Organic Chemistry</i> , 2013, 78, 11389-11395.	1.7	48
66	Donor-acceptor-donor thienyl/bithienyl-benzothiadiazole/quinoxaline model oligomers: experimental and theoretical studies. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 15204.	1.3	53
67	Brazilwood Reds: The (Photo)Chemistry of Brazilin and Brazilein. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10650-10660.	1.1	28
68	Chain Length Dependent Excited-State Decay Processes of Diluted PF2/6 Solutions. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7370-7380.	1.2	11
69	Excited State Characterization and Energy Transfer in Hyperbranched Polytruxenes and Polytruxene-Polythiophene Multiblock Copolymers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3718-3728.	1.5	9
70	Experimental Techniques for Excited State Characterisation. , 2013, , 533-585.		15
71	β -Phase Formation in Poly(9,9-dioctylfluorene) Promoted by Natural Lecithin Liposomes. <i>Journal of Colloid Science and Biotechnology</i> , 2013, 2, 243-248.	0.2	2
72	Excited-State Dynamics and Self-Organization of Poly(3-hexylthiophene) (P3HT) in Solution and Thin Films. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2347-2355.	1.2	74

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73	Synthesis of a Photochromic Fused 2 <i>H</i> -Chromene Capable of Generating a Single Coloured Species. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1768-1773.	1.2	15
74	On the singlet states of porphyrins, chlorins and bacteriochlorins and their ability to harvest red/infrared light. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1233-1238.	1.6	32
75	Photochromic and photophysical properties of new benzo- and naphtho[1,3]oxazine switches. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1346-1354.	1.6	13
76	Î2-Phase Formation of Poly(9,9-dioctylfluorene) Induced by Liposome Phospholipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5794-5800.	1.2	21
77	Understanding Optoelectronic Properties of Cyano-Terminated Oligothiophenes in the Context of Intramolecular Charge Transfer. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10573-10585.	1.2	23
78	Preventing the Formation of the Long-Lived Colored Transoid-Trans Photoisomer in Photochromic Benzopyrans. <i>Organic Letters</i> , 2011, 13, 4040-4043.	2.4	35
79	Cationic fluorene-thiophene diblock copolymers: Aggregation behaviour in methanol/water and its relation to thin film structures. <i>Polymer</i> , 2010, 51, 1898-1903.	1.8	33
80	Fast photochromic sterically hindered benzo[1,3]oxazines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 216, 59-65.	2.0	11
81	Synthesis and Characterization of the Ground and Excited States of Tripodal-like Oligothieryl-imidazoles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4964-4972.	1.2	27
82	The influence of the relative position of the thiophene and pyrrole rings in donor-acceptor thienylpyrrolyl-benzothiazole derivatives. A photophysical and theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 9719.	1.3	31
83	Photophysical and Spectroscopic Investigations on (Oligo)Thiophene-Arylene Step-ladder Copolymers. The Interplay of Conformational Relaxation and On-Chain Energy Transfer. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15928-15936.	1.2	17
84	Alternating Binaphthyl- π -Thiophene Copolymers: Synthesis, Spectroscopy, and Photophysics and Their Relevance to the Question of Energy Migration versus Conformational Relaxation. <i>Macromolecules</i> , 2009, 42, 1710-1719.	2.2	90
85	A comprehensive investigation of the electronic spectral and photophysical properties of conjugated naphthalene- π -thiophene oligomers. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 8706.	1.3	30
86	A comprehensive study of the spectral and photophysical properties of arylthiophenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 194, 67-75.	2.0	12
87	Excited State Properties of Oligophenyl and Oligothieryl Swivel Cruciforms. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1104-1111.	1.2	14
88	Spectral and Photophysical Characterization of Donor- π -Acceptor Arylthienyl- and Bithienyl-Benzothiazole Derivatives in Solution and Solid State. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8574-8578.	1.1	34
89	Interplay of Electrostatic and Hydrophobic Effects with Binding of Cationic Gemini Surfactants and a Conjugated Polyanion: A Experimental and Molecular Modeling Studies. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4401-4410.	1.2	68
90	Spectral and Photophysical Studies of Poly[2,6-(1,5-dioctyl)naphthalene]thiophenes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7185-7191.	1.5	11

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91	Conformational Relaxation of <i>p</i> -Phenylenevinylene Trimers in Solution Studied by Picosecond Time-Resolved Fluorescence. <i>ChemPhysChem</i> , 2007, 8, 2657-2664.	1.0	61
92	Synthesis and photophysical properties of dansyl-based polyamine ligands and their Zn(II) complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 1200-1208.	1.2	33
93	Spectral and Photophysical Studies on Cruciform Oligothiophenes in Solution and the Solid State. <i>Journal of Physical Chemistry B</i> , 2006, 110, 15100-15106.	1.2	41
94	Triplet-State and Singlet Oxygen Formation in Fluorene-Based Alternating Copolymers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8278-8283.	1.2	52
95	Photophysical Studies of α,ω -Dicyano-oligothiophenes NC(C ₄ H ₂ S) _n CN (n = 1-6). <i>Journal of Physical Chemistry B</i> , 2006, 110, 6499-6505.	1.2	45
96	Electronic spectral and photophysical properties of some <i>p</i> -phenylenevinylene oligomers in solution and thin films. <i>Chemical Physics</i> , 2006, 330, 449-456.	0.9	30
97	Interactions between surfactants and {1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl}. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 270-271, 61-66.	2.3	25
98	Characterisation of the triplet state of a fluorene- <i>ter</i> thiophene alternating copolymer. <i>Chemical Physics Letters</i> , 2005, 402, 197-201.	1.2	15
99	A New ZnII Tweezer Pyridine-Naphthalene System - An Off-On-Off System Working in a Biological pH Window. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4301-4308.	1.0	24
100	Interaction between the Water Soluble Poly{1,4-phenylene-[9,9-bis(4-phenoxy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (butylsulfonate)} and Zn(II) Ions. Conductivity Measurements. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19108-19115.	1.2	47
101	Spectroscopy and Coordination Chemistry of a New Bisnaphthalene-Bisphenanthroline Ligand Displaying a Sensing Ability for Metal Cations. <i>Inorganic Chemistry</i> , 2005, 44, 7449-7458.	1.9	51
102	The effect of substitution and isomeric imperfection on the photophysical behaviour of <i>p</i> -phenylenevinylene trimers. <i>Chemical Physics Letters</i> , 2004, 388, 236-241.	1.2	13
103	Fluorescence Enhancement of the Water-Soluble Poly{1,4-phenylene-[9,9-bis(4-phenoxybutylsulfonate)]fluorene-2,7-diyl} Copolymer in Dodecylpentaoxyethylene Glycol Ether Micelles. <i>Macromolecules</i> , 2004, 37, 7425-7427.	2.2	113
104	Synthesis and H ⁺ , Cu ²⁺ , and Zn ²⁺ Coordination Behavior of a Bis(fluorophoric) Bibrachial Lariat Aza-Crown. <i>Inorganic Chemistry</i> , 2004, 43, 6114-6122.	1.9	62
105	Energetics and Dynamics of Naphthalene Polyaminic Derivatives. Influence of Structural Design in the Balance Static vs Dynamic Excimer Formation. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11307-11318.	1.1	37
106	A ruthenium phthalocyanine functionalized with a folic acid unit as a photosensitizer for photodynamic therapy: Synthesis, characterization and in vitro evaluation. <i>Journal of Porphyrins and Phthalocyanines</i> , 0, . .	0.4	2