AntÃ³nio L MaÃ§anita

List of Publications by Year
in descending order

108 papers	3,808 citations	126708 33 h-index	143772 57 g-index
109 all docs	109 docs citations	109 times ranked	3596 citing authors

#	Article	IF	Citations
1	New luminescent tetracoordinate boron complexes: an in-depth experimental and theoretical characterisation and their application in OLEDs. Inorganic Chemistry Frontiers, 2021, 8, 3960-3983.	3.0	13
2	Luminescent halogen-substituted 2-(N-arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. Dalton Transactions, 2020, 49, 10185-10202.	1.6	11
3	Boron complexes of aromatic 5-substituted iminopyrrolyl ligands: synthesis, structure, and luminescence properties. Dalton Transactions, 2019, 48, 13337-13352.	1.6	18
4	Ground and excited state properties of furanoflavylium derivatives. Physical Chemistry Chemical Physics, 2019, 21, 21651-21662.	1.3	7
5	Groundâ€•and Excitedâ€State Acidity of Analogs of Red Wine Pyranoanthocyanins,. Photochemistry and Photobiology, 2018, 94, 1086-1091.	1.3	18
6	From vine to wine: photophysics of a pyranoflavylium analog of red wine pyranoanthocyanins. Pure and Applied Chemistry, 2017, 89, 1761-1767.	0.9	17
7	Fluorescence Enhancement of a Cationic Fluoreneâ€“Phenylene Conjugated Polyelectrolyte Induced by Nonionic n-Alkyl Polyoxyethylene Surfactants. Langmuir, 2017, 33, 13350-13363.	1.6	7
8	Violet-blue emitting 2-(N-alkylimino)pyrrolyl organoboranes: Synthesis, structure and luminescent properties. Dyes and Pigments, 2017, 140, 520-532.	2.0	17
9	Boron complexes of aromatic ring fused iminopyrrolyl ligands: synthesis, structure, and luminescence properties. Dalton Transactions, 2016, 45, 15603-15620.	1.6	36
10	Chemistry and photochemistry of natural plant pigments: the anthocyanins. Journal of Physical Organic Chemistry, 2016, 29, 594-599.	0.9	78
11	Earliest events in Î±-synuclein fibrillation probed with the fluorescence of intrinsic tyrosines. Journal of Photochemistry and Photobiology B: Biology, 2016, 154, 16-23.	1.7	19
12	Unveiling the Eigen-Weller Ion Pair from the Excited State Proton Transfer Kinetics of 3-Chloro-4-methyl-7-hydroxycoumarin. Journal of Physical Chemistry B, 2015, 119, 2604-2610.	1.2	14
13	Luminescent Diâ€•and Trinuclear Boron Complexes Based on Aromatic Iminopyrrolyl Spacer Ligands: Synthesis, Characterization, and Application in OLEDs. Chemistry - A European Journal, 2015, 21, 9133-9149.	1.7	47
14	Photochemistry of the hemiketal form of anthocyanins and its potential role in plant protection from UV-B radiation. Tetrahedron, 2015, 71, 3157-3162.	1.0	38
15	Effect of water content on the acidâ€“base equilibrium of cyanidin-3-glucoside. Food Chemistry, 2015, 172, 476-480.	4.2	17
16	Tunable Fluorophores Based on 2â€(Nâ€Arylimino)pyrrolyl Chelates of Diphenylboron: Synthesis, Structure, Photophysical Characterization, and Application in OLEDs. Chemistry - A European Journal, 2014, 20, 4126-4140.	1.7	36
17	Femtosecond and Temperature-Dependent Picosecond Dynamics of Ultrafast Excited-State Proton Transfer in Waterâ€“Dioxane Mixtures. Journal of Physical Chemistry A, 2014, 118, 10448-10455.	1.1	16
18	Separating Solvent and Conformational Effects on the Photophysics of a Homologous Progression of N-Terminated Phenylenevinylene Oligomers. Journal of Physical Chemistry C, 2013, 117, 18353-18366.	1.5	11

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19	Model for Conformational Relaxation of Flexible Conjugated Polymers: Application to pâ€Phenylenevinylene Trimers in Nonpolar Solvents. ChemPhysChem, 2013, 14, 583-590.	1.0	6
20	Experimental Techniques for Excited State Characterisation. , 2013, , 533-585.		15
21	Improved analysis of excited state proton transfer kinetics by the combination of standard and convolution methods. Photochemical and Photobiological Sciences, 2013, 12, 902-910.	1.6	14
22	Photophysical properties of iminopyrrolyl boron complexes: A DFT interpretation. Dalton Transactions, 2012, 41, 13210.	1.6	23
23	Excited-State Dynamics and Self-Organization of Poly(3-hexylthiophene) (P3HT) in Solution and Thin Films. Journal of Physical Chemistry B, 2012, 116, 2347-2355.	1.2	74
24	Photoprotection and the Photophysics of Acylated Anthocyanins. Chemistry - A European Journal, 2012, 18, 3736-3744.	1.7	38
25	Syntheses and photophysical properties of new iminopyrrolyl boron complexes and their application in efficient single-layer non-doped OLEDs prepared by spin coating. Dalton Transactions, 2012, 41, 8502.	1.6	53
26	Viscosity Dependence of Intramolecular Excimer Formation with 1,5-Bis(1-pyrenylcarboxy)pentane in Alkane Solvents as a Function of Temperature. Journal of Physical Chemistry A, 2011, 115, 3183-3195.	1.1	38
27	Picosecond Dynamics of Proton Transfer of a 7-Hydroxyflavylium Salt in Aqueousâ€“Organic Solvent Mixtures. Journal of Physical Chemistry A, 2011, 115, 10988-10995.	1.1	19
28	Characterization of the Singlet and Triplet Excited States of 3-Chloro-4-methylumbelliferone. Journal of Physical Chemistry A, 2011, 115, 8392-8398.	1.1	15
29	Substituent effects on the pHâ€dependent multiequilibria of flavylium salt analogs of anthocyanins. Journal of Physical Organic Chemistry, 2011, 24, 1201-1208.	0.9	12
30	Self-Organization and Excited-State Dynamics of a Fluoreneâ€'Bithiophene Copolymer (F8T2) in Solution. Macromolecules, 2010, 43, 765-771.	2.2	27
31	Thermal Unfolding Kinetics of Ubiquitin in the Microsecond-to-Second Time Range Probed by Tyr-59 Fluorescence. Journal of Physical Chemistry B, 2010, 114, 9912-9919.	1.2	13
32	Picosecond Dynamics of the Prototropic Reactions of 7-Hydroxyflavylium Photoacids Anchored at an Anionic Micellar Surface. Journal of Physical Chemistry A, 2010, 114, 4188-4196.	1.1	16
33	How to Change the Aggregation in the DNA/Surfactant/Cationic Conjugated Polyelectrolyte System through the Order of Component Addition: Anionic versus Neutral Surfactants. Langmuir, 2010, 26, 11705-11714.	1.6	13
34	Ultrafast Internal Conversion in a Model Anthocyaninâ€“Polyphenol Complex: Implications for the Biological Role of Anthocyanins in Vegetative Tissues of Plants. Chemistry - A European Journal, 2009, 15, 1397-1402.	1.7	27
35	Photodynamics of a PV Trimer in Highâ€Viscosity Solvents and in PMMA Films: A New Insight into Energy Transfer versus Conformational Relaxation in Conjugated Polymers. ChemPhysChem, 2009, 10, 448-454.	1.0	22
36	Fluorescence Lifetimes of Tyrosine Residues in Cytochrome câ€²â€² as Local Probes to Study Protein Unfolding. Journal of Physical Chemistry B, 2009, 113, 4466-4474.	1.2	27

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37	DNA as Seen by Spectroscopy, Viscosity, and Conductivity: Effect of Molecular Weights and DNA Secondary Structure. Journal of Physical Chemistry B, 2009, 113, 1294-1302.	1.2	21
38	Photochemistry of anthocyanins and their biological role in plant tissues. Pure and Applied Chemistry, 2009, 81, 1687-1694.	0.9	73
39	Synthesis, Structure, and Photophysical Characterization of Blue-Green Luminescent Zinc Complexes Containing 2-Iminophenanthropyrrolyl Ligands. Inorganic Chemistry, 2009, 48, 11176-11186.	1.9	67
40	Alternating Binaphthylâ^'Thiophene Copolymers: Synthesis, Spectroscopy, and Photophysics and Their Relevance to the Question of Energy Migration versus Conformational Relaxation. Macromolecules, 2009, 42, 1710-1719.	2.2	90
41	Enhancing the fluorescence of tyr-59 in ubiquitin by blocking proton transfer. Physical Chemistry Chemical Physics, 2009, 11, 3580.	1.3	2
42	Picosecond Structural Relaxation of Abietic Acid Based Amine End Capped Paraâ€‹Phenylenevinylene Trimers in Solution. ChemPhysChem, 2008, 9, 2214-2220.	1.0	18
43	Dynamics of short as compared with long poly(acrylic acid) chains hydrophobically modified with pyrene, as followed by fluorescence techniques. Physical Chemistry Chemical Physics, 2007, 9, 1370-1385.	1.3	49
44	Modulating the Emission Intensity of Through Interaction with Sodium Alkylsulfonate Surfactants. Journal of Physical Chemistry B, 2007, 111, 13560-13569.	1.2	39
45	Tracking Local Conformational Changes of Ribonuclease A Using Picosecond Time-Resolved Fluorescence of the Six Tyrosine Residues. Biophysical Journal, 2007, 92, 4401-4414.	0.2	27
46	Conformational Relaxation of pâ€Phenylenevinylene Trimers in Solution Studied by Picosecond Timeâ€Resolved Fluorescence. ChemPhysChem, 2007, 8, 2657-2664.	1.0	61
47	Geminate Proton Recombination at the Surface of SDS and CTAC Micelles Probed with a Micelle-Anchored Anthocyanin. Langmuir, 2006, 22, 933-940.	1.6	13
48	Acidâ^'Base Equilibria and Dynamics in Sodium Dodecyl Sulfate Micelles:Â Geminate Recombination and Effect of Charge Stabilization. Langmuir, 2006, 22, 7986-7993.	1.6	10
49	Kinetics and Thermodynamics of Poly(9,9-dioctylfluorene)Î²-Phase Formation in Dilute Solution. Macromolecules, 2006, 39, 5854-5864.	2.2	122
50	Novel Ground- and Excited-State Prototropic Reactivity of a Hydroxycarboxyflavylium Salt. Journal of Physical Chemistry A, 2006, 110, 2089-2096.	1.1	14
51	Photophysical Studies of Î±,Ï‰-Dicyano-oligothiophenes NC(C4H2S)nCN (n= 1â^'6). Journal of Physical Chemistry B, 2006, 110, 6499-6505.	1.2	45
52	Electronic spectral and photophysical properties of some p-phenylenevinylene oligomers in solution and thin films. Chemical Physics, 2006, 330, 449-456.	0.9	30
53	Three-State 2â€™,7â€™-Difluorofluorescein Excited-State Proton Transfer Reactions in Moderately Acidic and Very Acidic Media. Journal of Physical Chemistry A, 2005, 109, 8705-8718.	1.1	17
54	Charge-Transfer Complexation as a General Phenomenon in the Copigmentation of Anthocyanins. Journal of Physical Chemistry A, 2005, 109, 7329-7338.	1.1	63

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55	Protein Stabilization by Osmolytes from Hyperthermophiles. Journal of Biological Chemistry, 2004, 279, 48680-48691.	1.6	61
56	One-Step Synthesis of Novel Flavylium Salts Containing Alkyl Side Chains in Their 3-, 4â€²-, 5- or 6-Positions and Their Photophysical Properties in Micellar Media. European Journal of Organic Chemistry, 2004, 2004, 4877-4883.	1.2	15
57	Excited-State Electron Transfer in Anthocyanins and Related Flavylium Salts. Journal of Physical Chemistry A, 2004, 108, 10133-10140.	1.1	27
58	Intramolecular Fluorescence Quenching of Tyrosine by the Peptide Î±-Carbonyl Group Revisited. Journal of Physical Chemistry A, 2004, 108, 2155-2166.	1.1	36
59	Unfolding of Ubiquitin Studied by Picosecond Time-Resolved Fluorescence of the Tyrosine Residue. Biophysical Journal, 2004, 87, 2609-2620.	0.2	20
60	Photochemistry of Flavothione and Hydroxyflavothiones: Mechanisms and KineticsÂ¶. Photochemistry and Photobiology, 2003, 77, 22-29.	1.3	9
61	Protein Stabilisation by Compatible Solutes: Effect of Mannosylglycerate on Unfolding Thermodynamics and Activity of Ribonuclease A. ChemBioChem, 2003, 4, 734-741.	1.3	29
62	Ground- and Excited-State Proton Transfer in Anthocyanins:Â From Weak Acids to Superphotoacids. Journal of Physical Chemistry A, 2003, 107, 4203-4210.	1.1	54
63	The Dynamics of Ultrafast Excited State Proton Transfer in Anionic Micellesâ€. Journal of Physical Chemistry A, 2003, 107, 3263-3269.	1.1	75
64	Singlet and triplet state properties of substituted flavothiones. Physical Chemistry Chemical Physics, 2003, 5, 3464-3469.	1.3	7
65	Picosecond conformational relaxation of singlet excited polyfluorene in solution. Journal of Chemical Physics, 2003, 118, 7119-7126.	1.2	78
66	Photobiological Properties of Hydroxy-substituted FlavothionesÂ¶. Photochemistry and Photobiology, 2002, 75, 97.	1.3	12
67	Color Stabilization of Anthocyanins:â€‰ Effect of SDS Micelles on the Acidâ€'Base and Hydration Kinetics of Malvidin 3-Glucoside (Oenin). Journal of Physical Chemistry A, 2002, 106, 5851-5859.	1.1	47
68	Dynamics of Linear Poly(methylphenylsiloxane) by Time-Resolved Fluorescence:Â Slow vs Fast Relaxations and Low-Temperature Behavior in Chains of Different Lengths. Macromolecules, 2002, 35, 7082-7088.	2.2	7
69	Proton Transfer in Anthocyanins and Related Flavylium Salts. Determination of Ground-State Rate Constants with Nanosecond Laser Flash Photolysis. Journal of Physical Chemistry A, 2002, 106, 1248-1255.	1.1	64
70	Manipulation of the Reactivity of a Synthetic Anthocyanin Analogue in Aqueous Micellar Media. Langmuir, 2002, 18, 10109-10115.	1.6	23
71	Photobiological Properties of Hydroxy-substituted FlavothionesÂ¶. Photochemistry and Photobiology, 2002, 75, 97-106.	1.3	0
72	Internal Dynamics of Poly(Methylphenylsiloxane) Chains as Revealed by Picosecond Time Resolved Fluorescenceâ€. Journal of Physical Chemistry A, 2001, 105, 10286-10295.	1.1	14

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73	Title is missing!. Journal of Fluorescence, 2000, 10, 141-141.	1.3	10
74	Molecular Dynamics of Methylphenylsiloxane Chains. Macromolecules, 2000, 33, 1213-1223.	2.2	7
75	Anomalous Fluorescence of Linear Poly(methylphenylsiloxane) in Dilute Solution at Temperatures below â^'50 Â°C. Macromolecules, 2000, 33, 4772-4779.	2.2	13
76	Photophysical Properties of Hydroxy-Substituted Flavothiones. Journal of Physical Chemistry A, 2000, 104, 6095-6102.	1.1	21
77	Dynamics of Cyclic Methylphenyltrisiloxane in the Picosecond to Nanosecond Time Range. Journal of Physical Chemistry A, 2000, 104, 17-24.	1.1	9
78	Dynamics of siloxane chains bearing phenyl chromophores. Polymer International, 1999, 48, 665-670.	1.6	3
79	Chain Length Dependence of Intramolecular Excimer Formation with 1,n-Bis(1-pyrenylcarboxy)alkanes for n = 1â^'16, 22, and 32. Journal of Physical Chemistry B, 1999, 103, 9356-9365.	1.2	77
80	Non-diffusion-controlled excimer formation with indane and acenaphthene.. Chemical Physics Letters, 1998, 287, 379-387.	1.2	8
81	Kinetics of ultra-fast excited state proton transfer from 7-hydroxy-4-methylflavylium chloride to water. Chemical Physics Letters, 1998, 298, 189-195.	1.2	64
82	Color Stabilization of Malvidin 3-Glucoside:Â Self-Aggregation of the Flavylium Cation and Copigmentation with theZ-Chalcone Form. Journal of Physical Chemistry B, 1998, 102, 3578-3585.	1.2	89
83	Photophysical Properties and Photobiological Activity of the Furanochromones Visnagin and Khellin. Photochemistry and Photobiology, 1998, 67, 184-191.	1.3	2
84	Photophysical Properties and Photobiological Activity of the Furanochromones Visnagin and Khellin. Photochemistry and Photobiology, 1998, 67, 184.	1.3	17
85	Comprehensive Evaluation of the Absorption, Photophysical, Energy Transfer, Structural, and Theoretical Properties of Î±-Oligothiophenes with One to Seven Rings. The Journal of Physical Chemistry, 1996, 100, 18683-18695.	2.9	505
86	Comprehensive investigation of the solution photophysics and theoretical aspects of oligothiophenes of 1-7 rings. Pure and Applied Chemistry, 1995, 67, 9-16.	0.9	172
87	Evaluation of a broad variety of coumarins, chromones, their furohomologues and thione analogues as phototoxins activated by UVA and visible light. Pest Management Science, 1995, 44, 155-162.	0.7	21
88	Partition of Pesticides of the Coumarin Family between Water and Amphiphilic Aggregates. Environmental Science & Technology, 1995, 29, 562-570.	4.6	20
89	Photophysics of Poly(methylphenylsiloxane) Monomeric Model Compounds. The Journal of Physical Chemistry, 1994, 98, 6548-6551.	2.9	12
90	Photophysical properties and photodegradation mechanism of 2-(2â€²-furanyl)-1H-benzimidazole (Fuberidazole). Journal of Photochemistry and Photobiology A: Chemistry, 1994, 83, 237-244.	2.0	6

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91	EXCITED STATES OF ANTHOCYANINS: THE CHALCONE ISOMERS OF MALVIDIN 3,5-DIGLUCOSIDE. Photochemistry and Photobiology, 1994, 59, 412-418.	1.3	9
92	Photophysical Behavior of Coumarins as a Function of Substitution and Solvent: Experimental Evidence for the Existence of a Lowest Lying 1(n,.pi.*) State. The Journal of Physical Chemistry, 1994, 98, 6054-6058.	2.9	170
93	Photophysics of Siloxanes. Influence of Preformed Dimers and Transition from Low-Temperature to High-Temperature Behavior of Dimeric and Polymeric MethylPhenylSiloxane. Macromolecules, 1994, 27, 958-963.	2.2	18
94	Influence of Isolated Chromophores on the Temperature Dependence of the Excimer Emission in Steady-State and Time-Resolved Fluorescence of Polysiloxanes. Macromolecules, 1994, 27, 3797-3803.	2.2	10
95	Photochromism of the Synthetic 4',7-Dihydroxyflavylium Chloride. Journal of the American Chemical Society, 1994, 116, 1249-1254.	6.6	87
96	Dynamics of cyclic poly(methylphenylsiloxane). Macromolecular Symposia, 1994, 84, 365-376.	0.4	0
97	Photochemistry of 2-(2-Furyl)-benzimidazole (Fuberidazole). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1992, 47, 1431-1437.	0.3	8
98	Multiequilibria of 2-(2'-furanyl)-1H-benzimidazole neutral and protonated forms in the presence of amphiphilic aggregates. Environmental Science & Technology, 1992, 26, 2448-2453.	4.6	18
99	Decay of poly(phenylsiloxane) fluorescence emission: kinetic parameters and rotational motion. Macromolecules, 1991, 24, 1293-1298.	2.2	20
100	Viscosity dependence of the excimer to monomer fluorescence ratio. Cyclic and linear polysiloxanes. Macromolecules, 1991, 24, 6827-6831.	2.2	18
101	Fluorescence spectra and decays of malvidin 3,5-diglucoside in aqueous solutions. Journal of Photochemistry and Photobiology A: Chemistry, 1990, 52, 411-424.	2.0	18
102	Dipoleâ€“dipole interactions between the terminal groups of 1,n-diarenecarboxy alkanes, n= 1, 2, â€¦, 6. Journal of the Chemical Society, Faraday Transactions, 1990, 86, 4011-4016.	1.7	12
103	The 9-anthroate chromophore as a fluorescent probe for water. The Journal of Physical Chemistry, 1989, 93, 336-343.	2.9	65
104	PHOTOPHYSICAL BEHAVIOUR OF 5-METHOXYPSORALEN IN DIOXANE-WATER MIXTURES. Photochemistry and Photobiology, 1988, 48, 429-437.	1.3	21
105	Transient effects in charge-transfer diffusion-controlled processes in nonionic micelles. The Journal of Physical Chemistry, 1980, 84, 2408-2412.	2.9	30
106	Excited states of aromatic esters. Journal of Photochemistry and Photobiology, 1979, 11, 109-119.	0.6	18
107	Near diffusion controlled photokinetics in aromatic esterâ€”aliphatic amine systems. Journal of Photochemistry and Photobiology, 1979, 11, 429-439.	0.6	8
108	Photophysics of fluorescently labeled oligomers and polymers. Photochemistry, 0, , 59-126.	0.2	11