

Roberto E Di Paolo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Structure, and Photophysical Characterization of Blue-Green Luminescent Zinc Complexes Containing 2-Iminophenanthropyrrolyl Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 11176-11186.	4.0	67
2	Electric-Field-Induced Redox Potential Shifts of Tetraheme Cytochromes c3 Immobilized on Self-Assembled Monolayers: Surface-Enhanced Resonance Raman Spectroscopy and Simulation Studies. <i>Biophysical Journal</i> , 2005, 88, 4188-4199.	0.5	63
3	Conformational Relaxation of <i>p</i> -Phenylenevinylene Trimers in Solution Studied by Picosecond Time-Resolved Fluorescence. <i>ChemPhysChem</i> , 2007, 8, 2657-2664.	2.1	61
4	Syntheses and photophysical properties of new iminopyrrolyl boron complexes and their application in efficient single-layer non-doped OLEDs prepared by spin coating. <i>Dalton Transactions</i> , 2012, 41, 8502.	3.3	53
5	Luminescent Di- and Trinuclear Boron Complexes Based on Aromatic Iminopyrrolyl Spacer Ligands: Synthesis, Characterization, and Application in OLEDs. <i>Chemistry - A European Journal</i> , 2015, 21, 9133-9149.	3.3	47
6	Photoisomerization Dynamics and Spectroscopy of the Polymethine Dye DTCl. <i>The Journal of Physical Chemistry</i> , 1995, 99, 13796-13799.	2.9	46
7	Modulating the Emission Intensity of Through Interaction with Sodium Alkylsulfonate Surfactants. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13560-13569.	2.6	39
8	Photochemistry of the hemiketal form of anthocyanins and its potential role in plant protection from UV-B radiation. <i>Tetrahedron</i> , 2015, 71, 3157-3162.	1.9	38
9	Tunable Fluorophores Based on <i>N</i> -Arylimino)pyrrolyl Chelates of Diphenylboron: Synthesis, Structure, Photophysical Characterization, and Application in OLEDs. <i>Chemistry - A European Journal</i> , 2014, 20, 4126-4140.	3.3	36
10	Nanostructured donor/acceptor interfaces in photovoltaic cells using columnar-grain films of a cross-linked poly(fluorene-alt-bithiophene). <i>Journal of Materials Chemistry</i> , 2011, 21, 12511.	6.7	35
11	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.	1.9	30
12	Continuous wave waveguide laser at room temperature in Nd ³⁺ -doped Zn:LiNbO ₃ . <i>Applied Physics Letters</i> , 2001, 79, 4088-4090.	3.3	28
13	Photophysical properties of iminopyrrolyl boron complexes: A DFT interpretation. <i>Dalton Transactions</i> , 2012, 41, 13210.	3.3	23
14	Photodynamics of a PV Trimer in High-Viscosity Solvents and in PMMA Films: A New Insight into Energy Transfer versus Conformational Relaxation in Conjugated Polymers. <i>ChemPhysChem</i> , 2009, 10, 448-454.	2.1	22
15	DNA as Seen by Spectroscopy, Viscosity, and Conductivity: Effect of Molecular Weights and DNA Secondary Structure. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1294-1302.	2.6	21
16	Picosecond Structural Relaxation of Abietic Acid Based Amine End Capped <i>p</i> -Phenylenevinylene Trimers in Solution. <i>ChemPhysChem</i> , 2008, 9, 2214-2220.	2.1	18
17	Boron complexes of aromatic 5-substituted iminopyrrolyl ligands: synthesis, structure, and luminescence properties. <i>Dalton Transactions</i> , 2019, 48, 13337-13352.	3.3	18
18	Spectroscopy of Er ³⁺ in Zn-diffused LiNbO ₃ waveguides. <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 348-350.	5.5	15

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19	Elucidating interactions of ionic liquids with polymer films using confocal Raman spectroscopy. <i>Chemical Communications</i> , 2005, , 2594.	4.1	13
20	How to Change the Aggregation in the DNA/Surfactant/Cationic Conjugated Polyelectrolyte System through the Order of Component Addition: Anionic versus Neutral Surfactants. <i>Langmuir</i> , 2010, 26, 11705-11714.	3.5	13
21	Experimental determination of the luminescent quantum efficiency of the green emission of Er ³⁺ ions in Lithium Niobate. <i>Solid State Communications</i> , 1998, 107, 487-490.	1.9	12
22	Simultaneous absorption and fluorescence analysis of the cyanine dye DOCl. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 107, 185-188.	3.9	11
23	Separating Solvent and Conformational Effects on the Photophysics of a Homologous Progression of N-Terminated Phenylenevinylene Oligomers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18353-18366.	3.1	11
24	Luminescent halogen-substituted 2-(<i>N</i> -arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. <i>Dalton Transactions</i> , 2020, 49, 10185-10202.	3.3	11
25	Second-harmonic generation in Zn-diffused periodically poled LiNbO ₃ channel waveguides. <i>Applied Physics B: Lasers and Optics</i> , 2001, 73, 515-517.	2.2	9
26	Photophysical properties and biological evaluation of a Zinc(II)-5-methyl-1H-pyrazole Schiff base complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 317-327.	3.9	9
27	Determination of the Er ³⁺ to Yb ³⁺ energy transfer efficiency in Er ³⁺ /Yb ³⁺ -codoped YVO ₄ crystals. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 7999-8006.	1.8	7
28	Fluorescence Enhancement of a Cationic Fluorene-Phenylene Conjugated Polyelectrolyte Induced by Nonionic <i>n</i> -Alkyl Polyoxyethylene Surfactants. <i>Langmuir</i> , 2017, 33, 13350-13363.	3.5	7
29	Resonance Raman fingerprinting of multiheme cytochromes from the cytochrome c ₃ family. <i>Journal of Biological Inorganic Chemistry</i> , 2006, 11, 217-224.	2.6	6
30	Model for Conformational Relaxation of Flexible Conjugated Polymers: Application to <i>p</i> -Phenylenevinylene Trimers in Nonpolar Solvents. <i>ChemPhysChem</i> , 2013, 14, 583-590.	2.1	6
31	Synthesis and optical properties of a new triphenylamine- <i>p</i> -phenylenevinylene-small molecule with applications in high open-circuit voltage organic solar cells. <i>New Journal of Chemistry</i> , 2015, 39, 7389-7396.	2.8	6
32	Effect of a ferroelectric polymer on the photophysical properties of a polyfluorene: Exciton quenching by local electric fields. <i>Journal of Luminescence</i> , 2016, 178, 457-462.	3.1	6
33	Polarization anisotropy applied to the determination of structural changes in the photoisomerization of DODCl. <i>Chemical Physics</i> , 1996, 206, 375-382.	1.9	5
34	Spectroelectrochemistry of Type II Cytochrome c ₃ on a Glycosylated Self-Assembled Monolayer. <i>Langmuir</i> , 2006, 22, 9809-9811.	3.5	5
35	Synergistic effect on the efficiency of polymer light-emitting diodes upon blending of two green-emitting polymers. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	5
36	Luminescent quantum efficiency of ions in mixed crystals. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 4113-4118.	1.8	4

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37	On-Centered Growth of Periodically Poled LiNbO ₃ :Er ³⁺ /Yb ³⁺ Crystals. <i>Ferroelectrics</i> , 2006, 334, 125-134.	0.6	4
38	Photorefractive Damage Resistant Zn-Diffused Optical Waveguides in LiNbO ₃ :Nd ³⁺ and Laser Operation. <i>Ferroelectrics</i> , 2002, 273, 229-234.	0.6	3
39	Blue Light by SHG in Diode Pumped LiNbO ₃ Waveguides. <i>Physica Status Solidi A</i> , 2002, 192, 135-138.	1.7	3
40	Solution-Processable Donor-Acceptor Donor Oligomers with Cross-Linkable Functionality. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 519-529.	2.2	3
41	Pulsed, broadly tuneable, photoacoustic study of rare-earth doped LiNbO ₃ . <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 351-354.	5.5	2
42	Synthesis and photophysical properties of new oligophenylene vinylenes showing amplified spontaneous emission. <i>Optical Materials</i> , 2013, 35, 2160-2165.	3.6	1
43	<title>Development of a nondispersive UV-visible analyzer for simultaneous measurements of SO ₂ and NO ₂ in stacks emissions</title>. , 2001, 4201, 91.		0
44	<title>Development of continuous optical sensors for stack emissions</title>. , 2001, 4419, 42.		0
45	Fluorescence of feldspathic ceramics: <i>in vitro</i> pilot study. <i>Annals of Medicine</i> , 2024, 51, 144-144.	3.8	0