

Nancy Pizarro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Local structure and time-resolved photoluminescence of emulsion prepared YAG nanoparticles. <i>Chemical Physics Letters</i> , 2008, 465, 67-72.	2.6	36
2	Clean Singlet Oxygen Production by a Re^{I} Complex Embedded in a Flexible Self-Standing Polymeric Silsesquioxane Film. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10148-10159.	3.1	32
3	STRUCTURAL AND PHOTOPHYSICAL PROPERTIES OF A MONONUCLEAR $\text{Re}(\text{I})$ COMPLEX: $[\text{P},\text{N}\text{-}\{(\text{C}_6\text{H}_5)_2(\text{C}_5\text{H}_5\text{N})\text{P}\}\text{Re}(\text{CO})_3\text{Br}]$. <i>Journal of the Chilean Chemical Society</i> , 2011, 56, 823-826.	1.2	26
4	Dual Emission of a Novel (P,N) Re Complex: A Computational and Experimental Study on $[\text{P},\text{N}\text{-}\{(\text{C}_6\text{H}_5)_2(\text{C}_5\text{H}_4\text{N})\text{P}\}\text{Re}(\text{CO})_3\text{Br}]$. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3929-3935.	2.5	20
5	Experimental and theoretical studies of the ancillary ligand (E)-2-((3-amino-pyridin-4-ylimino)-methyl)-4,6-di-tert-butylphenol in the rhenium(I) core. <i>New Journal of Chemistry</i> , 2015, 39, 5725-5734.	2.8	19
6	Photophysical and photochemical behavior of nimodipine and felodipine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 189, 23-29.	3.9	18
7	Photophysics and Photochemistry of Naphthoxazinone Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 5371-5378.	3.2	18
8	Optical properties of binuclear zinc (II) macrocyclic complexes derived from 4-methyl-2,6-diformylphenol and 1,2-diaminobenzene. <i>Polyhedron</i> , 2009, 28, 2335-2340.	2.2	18
9	The role played by structural and energy parameters of β^2 -Diketones derivatives as antenna ligands in $\text{Eu}(\text{III})$ complexes. <i>Chemical Physics Letters</i> , 2021, 773, 138600.	2.6	18
10	Fluorescence properties of aurone derivatives: an experimental and theoretical study with some preliminary biological applications. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1268-1276.	2.9	18
11	Solvent effects on the sensitized photooxygenation of lidocaine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 140, 109-115.	3.9	15
12	Solvent effect on the sensitized photooxygenation of cyclic and acyclic β^2 -diimines. <i>Tetrahedron</i> , 2006, 62, 10734-10746.	1.9	15
13	Nifedipine and nitrendipine reactivity toward singlet oxygen. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 175, 129-137.	3.9	14
14	Flavonoids in Microheterogeneous Media, Relationship between Their Relative Location and Their Reactivity towards Singlet Oxygen. <i>PLoS ONE</i> , 2015, 10, e0129749.	2.5	14
15	Electronic and Photophysical Properties of $\text{Re}^{\text{I}}(\text{CO})_3\text{Br}$ Complexes Modulated by Pyrazolyl-Pyridazine Ligands. <i>ACS Omega</i> , 2019, 4, 4679-4690.	3.5	13
16	Solvent effect on the quenching of singlet oxygen by 3-methylindole. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 5222-5225.	2.8	12
17	Photosensitized generation of singlet molecular oxygen by aryloxazinones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 199, 345-352.	3.9	11
18	Solvent, coordination and hydrogen-bond effects on the chromic luminescence of the cationic complex $[(\text{phen})(\text{H}_2\text{O})\text{Re}(\text{CO})_3]^+$. <i>New Journal of Chemistry</i> , 2016, 40, 6451-6459.	2.8	11

#	ARTICLE	IF	CITATIONS
19	Photophysical characterization of hydroxy and ethoxy phenalenone derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 349-357.	3.9	10
20	An amine linker group modulates luminescent properties in a Rhenium(I) tricarbonyl complex. How can it be applied for ratiometric oxygen sensing?. Dyes and Pigments, 2020, 172, 107787.	3.7	10
21	Photochemistry of P,N-bidentate rhenium(<i>i</i>) tricarbonyl complexes: reactive species generation and potential application for antibacterial photodynamic therapy. RSC Advances, 2021, 11, 31959-31966.	3.6	9
22	Optical properties of composites formed by transition metal macrocyclic complexes intercalated in thiophosphate layered phases. Polyhedron, 2012, 44, 187-193.	2.2	8
23	The Effect of Pyrazolyl Substituents on the Photophysical and Photochemical Properties of Pyrazine Derivatives. Photochemistry and Photobiology, 2018, 94, 845-852.	2.5	8
24	Spectroscopic Study of the E / Z Photoisomerization of a New Cyrhretrenyl Acylhydrazone: A Potential Photoswitch and Photosensitizer $\hat{\epsilon}$. Photochemistry and Photobiology, 2021, 97, 61-70.	2.5	8
25	Exploring rhenium (I) complexes as potential fluorophores for walled-cells (yeasts and bacteria): Photophysics, biocompatibility, and confocal microscopy. Dyes and Pigments, 2021, 184, 108876.	3.7	8
26	Macrocyclic Zn ^{II} and Cu ^{II} complexes as guests of the hybrid composites based on the layered MnPS ₃ phase. Comparison of spectroscopic properties. Journal of Coordination Chemistry, 2014, 67, 3894-3908.	2.2	7
27	Tuning the photophysical properties of a (P,N)ReI complex by adding a $\hat{\epsilon}$ "NH $\hat{\epsilon}$ " fragment into a P,N-bidentate ligand: The case of [P,N-{(C ₆ H ₅) ₂ (C ₅ H ₄ N)NHPre(CO) ₃ Br}. Polyhedron, 2016, 111, 64-70.	2.2	7
28	Comparitive study on structural, magnetic and spectroscopic properties of four new copper(II) coordination polymers with 4 $\hat{\epsilon}$ ² -substituted terpyridine ligands. Journal of Solid State Chemistry, 2017, 253, 78-88.	2.9	7
29	Fatty Acid Conjugates of Toluidine Blue O as Amphiphilic Photosensitizers: Synthesis, Solubility, Photophysics and Photochemical Properties ^{sup} $\hat{\epsilon}$ ^{sup} . Photochemistry and Photobiology, 2021, 97, 71-79.	2.5	7
30	Structure and spectroscopy of two new bases for building block: Terpyridine derivatives. Journal of Molecular Structure, 2015, 1102, 18-24.	3.6	6
31	¹ IL and ³ MLCT excited states modulated by H ⁺ : the structure and photophysical properties of [(2-bromo-5-(1 <i>H</i> -pyrazol-1-yl)pyrazine)Re(CO) ₃ Br]. New Journal of Chemistry, 2019, 43, 2449-2457.	2.8	6
32	Structural and photophysical properties of [(CO) ₃ (phen)Re($\hat{1}$ /4-Br)Re(phen)(CO) ₃]+[(CO) ₃ Re($\hat{1}$ /4-Br)3Re(CO) ₃] $\hat{\epsilon}$ ": Where does its luminescence come from? Polyhedron, 2015, 97, 227-233.	2.2	5
33	PHOTODEGRADATION OF NIMODIPINE AND FELODIPINE IN MICROHETEROGENEOUS SYSTEMS. Journal of the Chilean Chemical Society, 2012, 57, 1313-1317.	1.2	5
34	Solvent and Media Effects on the Photophysics of Naphthoxazole Derivatives. Photochemistry and Photobiology, 2013, 89, 1327-1334.	2.5	4
35	The first Re ^I organometallic complex with an organoimido-polyoxometalate ligand. Dalton Transactions, 2017, 46, 8611-8620.	3.3	4
36	Solvent Effect on the Sensitized Photooxygenation of 2,3-Dihydropyrazine Derivatives. Journal of Organic Chemistry, 2003, 68, 3009-3016.	3.2	3

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37	The binuclear dual emitter $[\text{Br}(\text{CO})_3\text{Re}(\text{P}^{\wedge}\text{N})(\text{N}^{\wedge}\text{P})\text{Re}(\text{CO})_3\text{Br}]$ ($\text{P}^{\wedge}\text{N}$): 3-chloro-6-(4-diphenylphosphinyl)butoxypyridazine, a new bridging P,N-bidentate ligand resulting from the ring opening of tetrahydrofuran. Dalton Transactions, 2017, 46, 1567-1576.	3.3	3
38	Kinetics and photophysical behavior of the P,N-Re I complex $[\text{P,N}-(\text{C}_6\text{H}_5)_2(\text{C}_5\text{H}_4\text{N})\text{P}]\text{Re}(\text{CO})_3(\text{O})\text{TjETQg000rgBJ}/\text{Overlock}$	2.2	3
39	Do the bridging angle affect the luminescent properties of $[(\text{CO})_3(\text{phen})\text{Re}(\mu\text{-OH})\text{Re}(\text{phen})(\text{CO})_3]^+?$ An experimental and computational study on three polymorphs. Polyhedron, 2019, 173, 114150.	2.2	3
40	Alkylmannoside derivatives: Glycolipids able to form big size aggregates. Journal of Physical Organic Chemistry, 2019, 32, e3822.	1.9	3
41	Aptamer-functionalized lipid-core micelles loaded with rhenium tricarbonyl complex. Polyhedron, 2021, 195, 114963.	2.2	3
42	Kinetics and Mechanism of the Photosensitized Oxidation of Furosemide. Photochemistry and Photobiology, 1998, 68, 487.	2.5	3
43	Substituent Effect on the Photolability of 4-aryl-1,4-dihydropyridines. Photochemistry and Photobiology, 2014, 90, 73-78.	2.5	2
44	Curvophilic-curvophobic balance of monoalkyl-mannosides determines the magnitude of disturbance promoted in synthetic bilayers. Journal of Molecular Liquids, 2019, 282, 347-355.	4.9	2
45	The case of $[(\text{bpm})\text{Re}(\text{CO})_3\text{Br}]$ and anti- $[\text{Br}(\text{CO})_3\text{Re}(\mu\text{-bpm})\text{Re}(\text{CO})_3\text{Br}]$ (bpm: 2,2'-bipyrimidine) towards multi-metallic ReI species and their properties. Polyhedron, 2021, 208, 115436.	2.2	2
46	Substituent effect of side chains on the photochemical behavior of a new generation 1,4-dihydropyridine: Lercanidipine. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 1-9.	3.9	1
47	A novel and simple route for bromide replacement in pyrazolyl-pyridazine ReI tricarbonyl complexes leads to a zwitterion stabilized by hydrogen bonding. Inorganic Chemistry Communication, 2020, 111, 107621.	3.9	1
48	Synthesis, Physicochemical and Photophysical Characterization of 4-(1-Pyrenyl)-butyl- α -D-mannopyranoside. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
49	Substituent and intramolecular hydrogen-bond effect on the fluorescent emission of two easy-synthesizable fused rigid bicyclic octadiene derivatives. Journal of Molecular Structure, 2017, 1141, 469-476.	3.6	0