

# Nancy Pizarro

## List of Publications by Year in descending order

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49  
papers

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citations

687363

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Spectroscopic Study of the E / Z Photoisomerization of a New Cyrhetyrenyl Acylhydrazone: A Potential Photoswitch and Photosensitizer. <i>Photochemistry and Photobiology</i> , 2021, 97, 61-70.	2.5	8
2	Fatty Acid Conjugates of Toluidine Blue O as Amphiphilic Photosensitizers: Synthesis, Solubility, Photophysics and Photochemical Properties. <i>Photochemistry and Photobiology</i> , 2021, 97, 71-79.	2.5	7
3	Exploring rhenium (I) complexes as potential fluorophores for walled-cells (yeasts and bacteria): Photophysics, biocompatibility, and confocal microscopy. <i>Dyes and Pigments</i> , 2021, 184, 108876.	3.7	8
4	Aptamer-functionalized lipid-core micelles loaded with rhenium tricarbonyl complex. <i>Polyhedron</i> , 2021, 195, 114963.	2.2	3
5	Photochemistry of P,N-bidentate rhenium( <sup>I</sup> ) tricarbonyl complexes: reactive species generation and potential application for antibacterial photodynamic therapy. <i>RSC Advances</i> , 2021, 11, 31959-31966.	3.6	9
6	The role played by structural and energy parameters of $\beta^2$ -Diketones derivatives as antenna ligands in Eu(III) complexes. <i>Chemical Physics Letters</i> , 2021, 773, 138600.	2.6	18
7	The case of [(bpm)Re(CO) <sub>3</sub> Br] and anti-[Br(CO) <sub>3</sub> Re( $\frac{1}{4}$ -bpm)Re(CO) <sub>3</sub> Br] (bpm: 2,2'-bipyrimidine) towards multi-metallic ReI species and their properties. <i>Polyhedron</i> , 2021, 208, 115436.	2.2	2
8	An amine linker group modulates luminescent properties in a Rhenium(I) tricarbonyl complex. How can it be applied for ratiometric oxygen sensing?. <i>Dyes and Pigments</i> , 2020, 172, 107787.	3.7	10
9	A novel and simple route for bromide replacement in pyrazolyl-pyridazine ReI tricarbonyl complexes leads to a zwitterion stabilized by hydrogen bonding. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107621.	3.9	1
10	Do the bridging angle affect the luminescent properties of [(CO) <sub>3</sub> (phen)Re( $\mu$ -OH)Re(phen)(CO) <sub>3</sub> ]+?. An experimental and computational study on three polymorphs. <i>Polyhedron</i> , 2019, 173, 114150.	2.2	3
11	<sup>1</sup> IL and <sup>3</sup> MLCT excited states modulated by H <sup>+</sup> : the structure and photophysical properties of [(2-bromo-5-(1H-pyrazol-1-yl)pyrazine)Re(CO) <sub>3</sub> Br]. <i>New Journal of Chemistry</i> , 2019, 43, 2449-2457.	2.8	6
12	Curvophilic-curvophobic balance of monoalkyl-mannosides determines the magnitude of disturbance promoted in synthetic bilayers. <i>Journal of Molecular Liquids</i> , 2019, 282, 347-355.	4.9	2
13	Electronic and Photophysical Properties of Re <sup>I</sup> (CO) <sub>3</sub> Br Complexes Modulated by Pyrazolyl-Pyridazine Ligands. <i>ACS Omega</i> , 2019, 4, 4679-4690.	3.5	13
14	Alkylmannoside derivatives: Glycolipids able to form big size aggregates. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3822.	1.9	3
15	The Effect of Pyrazolyl Substituents on the Photophysical and Photochemical Properties of Pyrazine Derivatives. <i>Photochemistry and Photobiology</i> , 2018, 94, 845-852.	2.5	8
16	Photophysical characterization of hydroxy and ethoxy phenalenone derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 349-357.	3.9	10
17	Substituent effect of side chains on the photochemical behavior of a new generation 1,4-dihydropyridine: Lercanidipine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 1-9.	3.9	1
18	Substituent and intramolecular hydrogen-bond effect on the fluorescent emission of two easy-synthesizable fused rigid bicyclic octadiene derivatives. <i>Journal of Molecular Structure</i> , 2017, 1141, 469-476.	3.6	0

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19	Comparative study on structural, magnetic and spectroscopic properties of four new copper(II) coordination polymers with 4- $\beta$ -substituted terpyridine ligands. <i>Journal of Solid State Chemistry</i> , 2017, 253, 78-88.	2.9	7
20	The first Re <sup>I</sup> organometallic complex with an organoimido-polyoxometalate ligand. <i>Dalton Transactions</i> , 2017, 46, 8611-8620.	3.3	4
21	The binuclear dual emitter [Br(CO) <sub>3</sub> Re(P $\leftarrow$ N)(N $\leftarrow$ P)Re(CO) <sub>3</sub> Br] (P $\leftarrow$ N): 3-chloro-6-(4-diphenylphosphinyl)butoxypyridazine, a new bridging P,N-bidentate ligand resulting from the ring opening of tetrahydrofuran. <i>Dalton Transactions</i> , 2017, 46, 1567-1576.	3.3	3
22	Kinetics and photophysical behavior of the P,N-Re I complex [P,N-((C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>4</sub> N)P)Re(CO) <sub>3</sub> (O)TjETQg0,0 0 rgBj /Overlock	2.2	3
23	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
24	Solvent, coordination and hydrogen-bond effects on the chromic luminescence of the cationic complex [(phen)(H <sub>2</sub> O)Re(CO) <sub>3</sub> ] <sup>+</sup> . <i>New Journal of Chemistry</i> , 2016, 40, 6451-6459.	2.8	11
25	Tuning the photophysical properties of a (P,N)ReI complex by adding a "NH" fragment into a P,N-bidentate ligand: The case of [P,N-((C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>4</sub> N)NHP)Re(CO) <sub>3</sub> Br]. <i>Polyhedron</i> , 2016, 111, 64-70.	2.2	7
26	Structural and photophysical properties of [(CO) <sub>3</sub> (phen)Re( $\frac{1}{4}$ -Br)Re(phen)(CO) <sub>3</sub> ]+[(CO) <sub>3</sub> Re( $\frac{1}{4}$ -Br) <sub>3</sub> Re(CO) <sub>3</sub> ] <sup>+</sup> : Where does its luminescence come from? <i>Polyhedron</i> , 2015, 97, 227-233.	2.2	5
27	Experimental and theoretical studies of the ancillary ligand (E)-2-((3-amino-pyridin-4-ylimino)-methyl)-4,6-di-tert-butylphenol in the rhenium( <sup>I</sup> ) core. <i>New Journal of Chemistry</i> , 2015, 39, 5725-5734.	2.8	19
28	Clean Singlet Oxygen Production by a Re <sup>I</sup> Complex Embedded in a Flexible Self-Standing Polymeric Silsesquioxane Film. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10148-10159.	3.1	32
29	Dual Emission of a Novel (P,N) ReIComplex: A Computational and Experimental Study on [P,N-((C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>4</sub> N)P)Re(CO) <sub>3</sub> Br]. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3929-3935.	2.5	20
30	Structure and spectroscopy of two new bases for building block: Terpyridine derivatives. <i>Journal of Molecular Structure</i> , 2015, 1102, 18-24.	3.6	6
31	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
32	Synthesis, Physicochemical and Photophysical Characterization of 4-(1-Pyrenyl)-butyl- $\beta$ -D-mannopyranoside. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	1
33	Substituent Effect on the Photolability of 4-Aryl-4-Dihydropyridines. <i>Photochemistry and Photobiology</i> , 2014, 90, 73-78.	2.5	2
34	Macrocyclic Zn <sup>II</sup> and Cu <sup>II</sup> complexes as guests of the hybrid composites based on the layered MnPS <sub>3</sub> phase. Comparison of spectroscopic properties. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3894-3908.	2.2	7
35	Solvent and Media Effects on the Photophysics of Naphthoxazole Derivatives. <i>Photochemistry and Photobiology</i> , 2013, 89, 1327-1334.	2.5	4
36	Optical properties of composites formed by transition metal macrocyclic complexes intercalated in thiophosphate layered phases. <i>Polyhedron</i> , 2012, 44, 187-193.	2.2	8

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37	PHOTODEGRADATION OF NIMODIPINE AND FELODIPINE IN MICROHETEROGENEOUS SYSTEMS. Journal of the Chilean Chemical Society, 2012, 57, 1313-1317.	1.2	5
38	STRUCTURAL AND PHOTOPHYSICAL PROPERTIES OF A MONONUCLEAR Re(I) COMPLEX: [P,N-((C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>5</sub> N)P)Re(CO)3Br]. Journal of the Chilean Chemical Society, 2011, 56, 823-826.	1.2	26
39	Optical properties of binuclear zinc (II) macrocyclic complexes derived from 4-methyl-2,6-diformylphenol and 1,2-diaminobenzene. Polyhedron, 2009, 28, 2335-2340.	2.2	18
40	Photosensitized generation of singlet molecular oxygen by aryloxazinones. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 199, 345-352.	3.9	11
41	Local structure and time-resolved photoluminescence of emulsion prepared YAG nanoparticles. Chemical Physics Letters, 2008, 465, 67-72.	2.6	36
42	Photophysics and Photochemistry of Naphthoxazinone Derivatives. Journal of Organic Chemistry, 2008, 73, 5371-5378.	3.2	18
43	Photophysical and photochemical behavior of nimodipine and felodipine. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 189, 23-29.	3.9	18
44	Solvent effect on the sensitized photooxygenation of cyclic and acyclic $\hat{1}\pm$ -diimines. Tetrahedron, 2006, 62, 10734-10746.	1.9	15
45	Nifedipine and nitrendipine reactivity toward singlet oxygen. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 175, 129-137.	3.9	14
46	Solvent Effect on the Sensitized Photooxygenation of 2,3-Dihydropyrazine Derivatives. Journal of Organic Chemistry, 2003, 68, 3009-3016.	3.2	3
47	Solvent effect on the quenching of singlet oxygen by 3-methylindole. Physical Chemistry Chemical Physics, 2001, 3, 5222-5225.	2.8	12
48	Solvent effects on the sensitized photooxygenation of lidocaine. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 140, 109-115.	3.9	15
49	Kinetics and Mechanism of the Photosensitized Oxidation of Furosemide. Photochemistry and Photobiology, 1998, 68, 487.	2.5	3