

# Vanesa Fernández-Moreira

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,554  
citations

279487

23  
h-index

189595

50  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of d6 transition metal complexes in fluorescence cell imaging. <i>Chemical Communications</i> , 2010, 46, 186-202.	2.2	692
2	Rhenium fac tricarbonyl bisimine complexes: biologically useful fluorochromes for cell imaging applications. <i>Chemical Communications</i> , 2007, , 3066-3068.	2.2	214
3	Progress with, and prospects for, metal complexes in cell imaging. <i>Chemical Communications</i> , 2014, 50, 384-399.	2.2	172
4	3-Chloromethylpyridyl bipyridine fac-tricarbonyl rhenium: a thiol-reactive luminophore for fluorescence microscopy accumulates in mitochondria. <i>New Journal of Chemistry</i> , 2008, 32, 1097.	1.4	147
5	Uptake and localisation of rhenium fac-tricarbonyl polypyridyls in fluorescent cell imaging experiments. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3888.	1.5	92
6	Bioconjugated lanthanide luminescent helicates as multilabels for lab-on-a-chip detection of cancer biomarkers. <i>Analyst</i> , The, 2010, 135, 42-52.	1.7	84
7	A Rhenium Tricarbonyl 4-oxo-terpy Trimer as a Luminescent Molecular Vessel with a Removable Silver Stopper. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4965-4968.	7.2	77
8	Luminescent Re( $\text{N}^3$ ) and Re( $\text{N}^3$ )/Au( $\text{N}^3$ ) complexes as cooperative partners in cell imaging and cancer therapy. <i>Chemical Science</i> , 2014, 5, 4434-4446.	3.7	74
9	Cytotoxicity and biodistribution studies of luminescent Au( $\text{N}^3$ ) and Ag( $\text{N}^3$ ) N-heterocyclic carbenes. Searching for new biological targets. <i>Dalton Transactions</i> , 2016, 45, 15026-15033.	1.6	58
10	Reversible Thermochromic Polymeric Thin Films Made of Ultrathin 2D Crystals of Coordination Polymers Based on Copper(I)-Thiophenolates. <i>Advanced Functional Materials</i> , 2018, 28, 1704040.	7.8	53
11	Rhenium fac-tricarbonyl bisimine complexes: luminescence modulation by hydrophobically driven intramolecular interactions. <i>New Journal of Chemistry</i> , 2009, 33, 1094.	1.4	52
12	A "Sleeping Trojan Horse"™ which transports metal ions into cells, localises in nucleoli, and has potential for bimodal fluorescence/PET imaging. <i>Chemical Communications</i> , 2011, 47, 3096.	2.2	48
13	Trackable Metallodrugs Combining Luminescent Re(I) and Bioactive Au(I) Fragments. <i>Inorganic Chemistry</i> , 2017, 56, 15159-15170.	1.9	48
14	Heterobimetallic Complexes for Theranostic Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 3345-3353.	1.7	47
15	Bioconjugated Rhenium(I) Complexes with Amino Acid Derivatives: Synthesis, Photophysical Properties, and Cell Imaging Studies. <i>Organometallics</i> , 2012, 31, 5950-5957.	1.1	46
16	Anticancer properties of gold complexes with biologically relevant ligands. <i>Pure and Applied Chemistry</i> , 2019, 91, 247-269.	0.9	45
17	Smart composite films of nanometric thickness based on copper-iodine coordination polymers. Toward sensors. <i>Chemical Science</i> , 2018, 9, 8000-8010.	3.7	44
18	Luminescent Thermochromism of 2D Coordination Polymers Based on Copper(I) Halides with 4-Hydroxythiophenol. <i>Chemistry - A European Journal</i> , 2016, 22, 18027-18035.	1.7	43

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19	Multistimuli Response Micro- and Nanolayers of a Coordination Polymer Based on Cu <sub>2</sub> Chains Linked by 2-Aminopyrazine. <i>Small</i> , 2017, 13, 1700965.	5.2	43
20	Multifunctional Copper(I) Coordination Polymers with Aromatic Mono- and Ditopic Thioamides. <i>Inorganic Chemistry</i> , 2019, 58, 3290-3301.	1.9	42
21	Ultrasound-assisted multicomponent synthesis of 4H-pyrans in water and DNA binding studies. <i>Scientific Reports</i> , 2020, 10, 11594.	1.6	28
22	Bioactive Heterobimetallic Re(I)/Au(I) Complexes Containing Bidentate N-Heterocyclic Carbenes. <i>Organometallics</i> , 2018, 37, 3993-4001.	1.1	27
23	Luminescent Re(I)/Au(I) Species As Selective Anticancer Agents for HeLa Cells. <i>Inorganic Chemistry</i> , 2020, 59, 8960-8970.	1.9	24
24	Terpyridine-fused polyaromatic hydrocarbons generated via cyclodehydrogenation and used as ligands in Ru(II) complexes. <i>Dalton Transactions</i> , 2012, 41, 7746.	1.6	22
25	Synthesis of luminescent squaramide monoesters: cytotoxicity and cell imaging studies in HeLa cells. <i>RSC Advances</i> , 2016, 6, 14171-14177.	1.7	21
26	Fluxionality and lability in rhenium 4-hydroxyterpyridine complexes: Evidence for an associative mechanism and correlated fluxionality and lability. <i>Dalton Transactions</i> , 2010, 39, 7493.	1.6	20
27	Synthesis, characterization and antibacterial activity of some new triphenyltin(IV) sulfanylcarboxylates: Crystal structure of [(SnPh <sub>3</sub> ) <sub>2</sub> (p-mpspa)], [(SnPh <sub>3</sub> ) <sub>2</sub> (cpa)] and [(SnPh <sub>3</sub> ) <sub>2</sub> (tspa)(DMSO)]. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 45-52.	0.8	19
28	Re derivatives functionalised with thioether crowns containing the 1,10-phenanthroline subunit as a new class of chemosensors. <i>Dalton Transactions</i> , 2015, 44, 18506-18517.	1.6	19
29	Tuning the Energy Emission from Violet to Yellow with Bidentate Phosphine Gold(III) Complexes. <i>Organometallics</i> , 2016, 35, 1141-1150.	1.1	19
30	Luminescent Bimetallic Ir <sup>III</sup> /Au <sup>I</sup> Peptide Bioconjugates as Potential Theranostic Agents. <i>Chemistry - A European Journal</i> , 2020, 26, 12158-12167.	1.7	19
31	Theranostics Through the Synergistic Cooperation of Heterometallic Complexes. <i>ChemMedChem</i> , 2021, 16, 932-941.	1.6	18
32	Bioactive and luminescent indole and isatin based gold(I) derivatives. <i>Dalton Transactions</i> , 2019, 48, 3098-3108.	1.6	17
33	Multifunctional Heterometallic Ir <sup>III</sup> -Au <sup>I</sup> Probes as Promising Anticancer and Antiangiogenic Agents. <i>Chemistry - A European Journal</i> , 2021, 27, 9885-9897.	1.7	17
34	Photophysical and bioactivity behavior of fac-rhenium(III) derivatives containing ditopic sulfurpyridine ligands. <i>Inorganica Chimica Acta</i> , 2017, 460, 127-133.	1.2	16
35	A crystalline and free-standing silver thiocarboxylate thin-film showing high green to yellow luminescence. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8545-8551.	2.7	15
36	Tetra-Au(I) Complexes Bearing a Pyrene Tetraalkynyl Connector Behave as Fluorescence Torches. <i>Organometallics</i> , 2018, 37, 1795-1800.	1.1	15

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37	Gold and platinum alkynyl complexes for biomedical applications. <i>Advances in Organometallic Chemistry</i> , 2019, 71, 227-258.	0.5	15
38	Different emissive properties in dithiolate gold(i) complexes as a function of the presence of phenylene spacers. <i>Dalton Transactions</i> , 2014, 43, 6212.	1.6	14
39	Gold(I), Phosphanes, and Alkynyls: The Perfect Allies in the Search for Luminescent Compounds. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2762-2767.	1.0	12
40	Formation of 3-Sulfanylcoumarins by SnPh <sub>3</sub> OH-Promoted Cyclization of 3-Aryl-2-Sulfanylpropenoic Acids. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4425-4429.	1.0	11
41	Cunning defects: emission control by structural point defects on Cu(I) double chain coordination polymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1448-1458.	2.7	11
42	Dual Emissive Ir(III) Complexes for Photodynamic Therapy and Bioimaging. <i>Pharmaceutics</i> , 2021, 13, 1382.	2.0	9
43	Micro and Nano Smart Composite Films Based on Copper-Iodine Coordination Polymer as Thermochromic Biocompatible Sensors. <i>Polymers</i> , 2019, 11, 1047.	2.0	8
44	Tunable Emissive Ir(III) Benzimidazole-quinoline Hybrids as Promising Theranostic Lead Compounds. <i>ChemMedChem</i> , 2022, 17, .	1.6	7
45	Gold Thione Complexes. <i>Inorganics</i> , 2014, 2, 424-432.	1.2	6
46	Luminescent gold-thallium derivatives with a pyridine-containing 12-membered aza-thioether macrocycle. <i>Dalton Transactions</i> , 2021, 50, 9709-9718.	1.6	6
47	Novel ureido-dihydropyridine scaffolds as theranostic agents. <i>Bioorganic Chemistry</i> , 2020, 105, 104364.	2.0	5
48	Synthesis and antiproliferative study of phosphorescent multimetallic Re(I)/Au(I) complexes containing fused imidazo[4,5-c]pyridine-phenanthroline core. <i>Applied Organometallic Chemistry</i> , 0, .	1.7	4
49	Frontispiece: Heterobimetallic Complexes for Theranostic Applications. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	1
50	Luminescent Bimetallic Ir <sup>III</sup> /Au <sup>I</sup> Peptide Bioconjugates as Potential Theranostic Agents. <i>Chemistry - A European Journal</i> , 2020, 26, 12085-12085.	1.7	1
51	Structural and electronic properties in asymmetric binuclear Zn(II) amphiphilic compounds. <i>Journal of Coordination Chemistry</i> , 2020, 73, 634-652.	0.8	0