

Artur J Moro

List of Publications by Year in descending order

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49
papers

1,224
citations

361413

20
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

1858
citing authors

#	ARTICLE	IF	CITATIONS
1	Chalcone-based fluorescent chemosensors as new tools for detecting Cu ²⁺ ions. <i>Dyes and Pigments</i> , 2022, 197, 109845.	3.7	9
2	One-pot photocatalytic transformation of indolines into 3-thiocyanate indoles with new Ir(III) photosensitizers bearing 1 ² -carbolines. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1253-1270.	6.0	5
3	Using Room Temperature Phosphorescence of Gold(I) Complexes for PAHs Sensing. <i>Molecules</i> , 2021, 26, 2444.	3.8	7
4	Toward Light-Controlled Supramolecular Peptide Dimerization. <i>Journal of Organic Chemistry</i> , 2021, 86, 8472-8478.	3.2	4
5	Multistate of chemical species of 2,6-Bis(arylidene)cyclohexanones. On the role of chalcone and spiro species. <i>Dyes and Pigments</i> , 2020, 174, 108013.	3.7	4
6	Aggregation induced emission of a new naphthyridine-ethynyl-gold complex as a potential tool for sensing guanosine nucleotides in aqueous media. <i>Dalton Transactions</i> , 2020, 49, 171-178.	3.3	9
7	Selective Coordination of Cu ²⁺ and Subsequent Anion Detection Based on a Naphthalimide-Triazine-(DPA) ₂ Chemosensor. <i>Biosensors</i> , 2020, 10, 129.	4.7	7
8	Non-emissive Ru ^{II} Polypyridyl Complexes as Efficient and Selective Photosensitizers for the Photooxidation of Benzylamines. <i>Chemistry - A European Journal</i> , 2020, 26, 12219-12232.	3.3	10
9	Supramolecular tripodal Au assemblies in water. Interactions with a pyrene fluorescent probe. <i>New Journal of Chemistry</i> , 2019, 43, 8279-8289.	2.8	12
10	Generalization of the anthocyanins kinetics and thermodynamics multistate to 2,6-bis(2-hydroxybenzylidene)cyclohexanones. <i>Dyes and Pigments</i> , 2019, 163, 573-588.	3.7	5
11	Fluorescence Spectroscopy. <i>Bioanalysis</i> , 2019, , 83-110.	0.1	0
12	Reversible Self-Assembly of Water-Soluble Gold(I) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 1017-1028.	4.0	29
13	Light-induced cargo release from a cucurbit[8]uril host by means of a sequential logic operation. <i>Chemical Communications</i> , 2018, 54, 13335-13338.	4.1	29
14	Achieving Complexity at the Bottom. 2,6-Bis(arylidene)cyclohexanones and Anthocyanins: The Same General Multistate of Species. <i>ACS Omega</i> , 2018, 3, 17853-17862.	3.5	8
15	Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. <i>Inorganic Chemistry</i> , 2018, 57, 13423-13430.	4.0	17
16	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 14571-14571.	3.3	1
17	Unusual Reduction Mechanism of Copper in Cysteine-Rich Environment. <i>Inorganic Chemistry</i> , 2018, 57, 8078-8088.	4.0	20
18	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 14654-14667.	3.3	31

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19	Gold(I) Complex-Titania Hybrid Photocatalyst for Hydrogen Production. <i>ChemCatChem</i> , 2017, 9, 3289-3292.	3.7	20
20	A non-invasive optical method for mapping temperature polarization in direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2017, 536, 156-166.	8.2	42
21	2,2'-Spirobis[chromene] Derivatives Chemistry and Their Relation with the Multistate System of Anthocyanins. <i>Journal of Organic Chemistry</i> , 2017, 82, 5301-5309.	3.2	11
22	Layered europium hydroxide system for phosphorous sensing and remediation. <i>Applied Clay Science</i> , 2017, 146, 216-222.	5.2	13
23	Photocaged Competitor Guests: A General Approach Toward Light-Activated Cargo Release From Cucurbiturils. <i>Chemistry - A European Journal</i> , 2017, 23, 13105-13111.	3.3	31
24	Development of fluorescent thermoresponsive nanoparticles for temperature monitoring on membrane surfaces. <i>Journal of Colloid and Interface Science</i> , 2017, 486, 144-152.	9.4	22
25	Molecular Weight Determination by Luminescent Chemoenzymatics. <i>ChemistrySelect</i> , 2016, 1, 6818-6822.	1.5	6
26	Monitoring oxygen permeation through polymeric packaging films using a ratiometric luminescent sensor. <i>Journal of Food Engineering</i> , 2016, 189, 37-44.	5.2	12
27	Development of oxygen and temperature sensitive membranes using molecular probes as ratiometric sensor. <i>Journal of Membrane Science</i> , 2016, 514, 467-475.	8.2	17
28	Boosting visible light conversion in the confined pore space of nanoporous carbons. <i>Carbon</i> , 2016, 96, 98-104.	10.3	20
29	Flavylium based dual photochromism: addressing cis-trans isomerization and ring opening-closure by different light inputs. <i>Chemical Communications</i> , 2015, 51, 7349-7351.	4.1	16
30	A coumarin based gold(alkynyl) complex: a new class of supramolecular hydrogelators. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2026-2033.	2.8	42
31	Luminescent alkynyl-gold coumarin derivatives and their biological activity. <i>Dalton Transactions</i> , 2014, 43, 4426-4436.	3.3	60
32	Supercritical CO ₂ -assisted synthesis of an ultrasensitive amphibious quantum dot-molecularly imprinted sensor. <i>RSC Advances</i> , 2014, 4, 63338-63341.	3.6	17
33	Dual-color control of nucleotide polymerization sensed by a fluorescence actuator. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 751-756.	2.9	2
34	Chemistry and Photochemistry of 2,6-Bis(2-hydroxybenzylidene)cyclohexanone. An Example of a Compound Following the Anthocyanins Network of Chemical Reactions. <i>Journal of Physical Chemistry A</i> , 2014, 118, 6208-6215.	2.5	15
35	Molecular recognition of aliphatic amines by luminescent Zn-porphyrins. <i>Inorganica Chimica Acta</i> , 2014, 417, 222-229.	2.4	6
36	Cyclic GMP recognition using ratiometric QD-fluorophore conjugate nanosensors. <i>Biosensors and Bioelectronics</i> , 2014, 52, 288-292.	10.1	10

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37	Chemistry of 7,8-dihydroxy-2-(4-dimethylaminostyryl)-1-benzopyrylium. A photochromic system switching from yellow to green. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 263, 17-23.	3.9	8
38	Surface-functionalized fluorescent silica nanoparticles for the detection of ATP. <i>Chemical Communications</i> , 2011, 47, 6066.	4.1	54
39	Magnetic core-shell fluorescent pH ratiometric nanosensor using a Stober coating method. <i>Analytica Chimica Acta</i> , 2011, 707, 164-170.	5.4	25
40	Sensitive and selective fluorescence detection of guanosine nucleotides by nanoparticles conjugated with a naphthyridine receptor. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1215-1222.	3.7	16
41	Magnetic and fluorescent core-shell nanoparticles for ratiometric pH sensing. <i>Nanotechnology</i> , 2011, 22, 415501.	2.6	33
42	On the Design of Fluorescent Ratiometric Nanosensors. <i>Chemistry - A European Journal</i> , 2010, 16, 10290-10299.	3.3	104
43	An ATP fluorescent chemosensor based on a Zn-complexed dipicolylaminereceptor coupled with a naphthalimidechromophore. <i>Chemical Communications</i> , 2010, 46, 1085-1087.	4.1	155
44	Chemosensors Based on Molecularly Imprinted Polymers. <i>Topics in Current Chemistry</i> , 2010, 325, 165-265.	4.0	55
45	Ratiometric porphyrin-based layers and nanoparticles for measuring oxygen in biosamples. <i>Sensors and Actuators B: Chemical</i> , 2009, 135, 472-477.	7.8	56
46	Fluorescent polyacrylamide nanoparticles for naproxen recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1821-1830.	3.7	21
47	Sonoreactor-Based Technology for Fast High-Throughput Proteolytic Digestion of Proteins. <i>Journal of Proteome Research</i> , 2007, 6, 909-912.	3.7	41
48	New findings for in-gel digestion accelerated by high-intensity focused ultrasound for protein identification by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1153, 291-299.	3.7	32
49	Ultrasonic assisted protein enzymatic digestion for fast protein identification by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1166, 101-107.	3.7	55