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	An ATP fluorescent chemosensor based on a Zn(<scp>ii</scp>)-complexed dipicolylaminereceptor coupled with a naphthalimidechromophore. Chemical Communications, 2010, 46, 1085-1087.	4.1	155
2	On the Design of Fluorescent Ratiometric Nanosensors. Chemistry - A European Journal, 2010, 16, 10290-10299.	3.3	104
3	Luminescent alkynyl-gold(<scp>i</scp>) coumarin derivatives and their biological activity. Dalton Transactions, 2014, 43, 4426-4436.	3.3	60
4	Ratiometric porphyrin-based layers and nanoparticles for measuring oxygen in biosamples. Sensors and Actuators B: Chemical, 2009, 135, 472-477.	7.8	56
5	Ultrasonic assisted protein enzymatic digestion for fast protein identification by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Journal of Chromatography A, 2007, 1166, 101-107.	3.7	55
6	Chemosensors Based on Molecularly Imprinted Polymers. Topics in Current Chemistry, 2010, 325, 165-265.	4.0	55
7	Surface-functionalized fluorescent silica nanoparticles for the detection of ATP. Chemical Communications, 2011, 47, 6066.	4.1	54
8	A coumarin based gold(<scp>i</scp>)-alkynyl complex: a new class of supramolecular hydrogelators. Organic and Biomolecular Chemistry, 2015, 13, 2026-2033.	2.8	42
9	A non-invasive optical method for mapping temperature polarization in direct contact membrane distillation. Journal of Membrane Science, 2017, 536, 156-166.	8.2	42
10	Sonoreactor-Based Technology for Fast High-Throughput Proteolytic Digestion of Proteins. Journal of Proteome Research, 2007, 6, 909-912.	3.7	41
11	Magnetic and fluorescent coreâ€“shell nanoparticles for ratiometric pH sensing. Nanotechnology, 2011, 22, 415501.	2.6	33
12	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. Journal of Chromatography A, 2007, 1153, 291-299.	3.7	32
13	Photocaged Competitor Guests: A General Approach Toward Lightâ€Activated Cargo Release From Cucurbiturils. Chemistry - A European Journal, 2017, 23, 13105-13111.	3.3	31
14	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. Chemistry - A European Journal, 2018, 24, 14654-14667.	3.3	31
15	Reversible Self-Assembly of Water-Soluble Gold(I) Complexes. Inorganic Chemistry, 2018, 57, 1017-1028.	4.0	29
16	Light-induced cargo release from a cucurbit[8]uril host by means of a sequential logic operation. Chemical Communications, 2018, 54, 13335-13338.	4.1	29
17	Magnetic coreâ€“shell fluorescent pH ratiometric nanosensor using a StÃ¶ber coating method. Analytica Chimica Acta, 2011, 707, 164-170.	5.4	25
18	Development of fluorescent thermoresponsive nanoparticles for temperature monitoring on membrane surfaces. Journal of Colloid and Interface Science, 2017, 486, 144-152.	9.4	22

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19	Fluorescent polyacrylamide nanoparticles for naproxen recognition. Analytical and Bioanalytical Chemistry, 2009, 395, 1821-1830.	3.7	21
20	Boosting visible light conversion in the confined pore space of nanoporous carbons. Carbon, 2016, 96, 98-104.	10.3	20
21	Gold(I)â€Complexâ€“Titania Hybrid Photocatalyst for Hydrogen Production. ChemCatChem, 2017, 9, 3289-3292.	3.7	20
22	Unusual Reduction Mechanism of Copper in Cysteine-Rich Environment. Inorganic Chemistry, 2018, 57, 8078-8088.	4.0	20
23	Supercritical CO₂-assisted synthesis of an ultrasensitive amphibious quantum dot-molecularly imprinted sensor. RSC Advances, 2014, 4, 63338-63341.	3.6	17
24	Development of oxygen and temperature sensitive membranes using molecular probes as ratiometric sensor. Journal of Membrane Science, 2016, 514, 467-475.	8.2	17
25	Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. Inorganic Chemistry, 2018, 57, 13423-13430.	4.0	17
26	Sensitive and selective fluorescence detection of guanosine nucleotides by nanoparticles conjugated with a naphthyridine receptor. Analytical and Bioanalytical Chemistry, 2011, 399, 1215-1222.	3.7	16
27	Flavylium based dual photochromism: addressing cisâ€“trans isomerization and ring opening-closure by different light inputs. Chemical Communications, 2015, 51, 7349-7351.	4.1	16
28	Chemistry and Photochemistry of 2,6-Bis(2-hydroxybenzilidene)cyclohexanone. An Example of a Compound Following the Anthocyanins Network of Chemical Reactions. Journal of Physical Chemistry A, 2014, 118, 6208-6215.	2.5	15
29	Layered europium hydroxide system for phosphorous sensing and remediation. Applied Clay Science, 2017, 146, 216-222.	5.2	13
30	Monitoring oxygen permeation through polymeric packaging films using a ratiometric luminescent sensor. Journal of Food Engineering, 2016, 189, 37-44.	5.2	12
31	Supramolecular tripodal Au(<scp>i</scp>) assemblies in water. Interactions with a pyrene fluorescent probe. New Journal of Chemistry, 2019, 43, 8279-8289.	2.8	12
32	2,2â€²-Spirobis[chromene] Derivatives Chemistry and Their Relation with the Multistate System of Anthocyanins. Journal of Organic Chemistry, 2017, 82, 5301-5309.	3.2	11
33	Cyclic GMP recognition using ratiometric QD-fluorophore conjugate nanosensors. Biosensors and Bioelectronics, 2014, 52, 288-292.	10.1	10
34	Nonâ€emissive Ru^{II} Polypyridyl Complexes as Efficient and Selective Photosensitizers for the Photooxidation of Benzylamines. Chemistry - A European Journal, 2020, 26, 12219-12232.	3.3	10
35	Aggregation induced emission of a new naphthyridine-ethynylâ€“gold(<scp>i</scp>) complex as a potential tool for sensing guanosine nucleotides in aqueous media. Dalton Transactions, 2020, 49, 171-178.	3.3	9
36	Chalcone-based fluorescent chemosensors as new tools for detecting Cu2+ ions. Dyes and Pigments, 2022, 197, 109845.	3.7	9

#	Article	IF	Citations
37	Chemistry of 7,8-dihydroxy-2-(4-dimethylaminostyryl)-1-benzopyrylium. A photochromic system switching from yellow to green. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 263, 17-23.	3.9	8
38	Achieving Complexity at the Bottom. 2,6-Bis(arylidene)cyclohexanones and Anthocyanins: The Same General Multistate of Species. ACS Omega, 2018, 3, 17853-17862.	3.5	8
39	Selective Coordination of Cu2+ and Subsequent Anion Detection Based on a Naphthalimide-Triazine-(DPA)2 Chemosensor. Biosensors, 2020, 10, 129.	4.7	7
40	Using Room Temperature Phosphorescence of Gold(I) Complexes for PAHs Sensing. Molecules, 2021, 26, 2444.	3.8	7
41	Molecular recognition of aliphatic amines by luminescent Zn-porphyrins. Inorganica Chimica Acta, 2014, 417, 222-229.	2.4	6
42	Molecular Weight Determination by Luminescent Chemoâ€“enzymatics. ChemistrySelect, 2016, 1, 6818-6822.	1.5	6
43	Generalization of the anthocyanins kinetics and thermodynamics multistate to 2,6-bis(2-hydroxybenzylidene)cyclohexanones. Dyes and Pigments, 2019, 163, 573-588.	3.7	5
44	One-pot photocatalytic transformation of indolines into 3-thiocyanate indoles with new Ir(iii) photosensitizers bearing Î²-carbolines. Inorganic Chemistry Frontiers, 2021, 8, 1253-1270.	6.0	5
45	Multistate of chemical species of 2,6-Bis(arylidene)cyclohexanones. On the role of chalcone and spiro species. Dyes and Pigments, 2020, 174, 108013.	3.7	4
46	Toward Light-Controlled Supramolecular Peptide Dimerization. Journal of Organic Chemistry, 2021, 86, 8472-8478.	3.2	4
47	Dual-color control of nucleotide polymerization sensed by a fluorescence actuator. Photochemical and Photobiological Sciences, 2014, 13, 751-756.	2.9	2
48	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. Chemistry - A European Journal, 2018, 24, 14571-14571.	3.3	1
49	Fluorescence Spectroscopy. Bioanalysis, 2019, , 83-110.	0.1	0