

# Roberto A S Luz

## List of Publications by Year in descending order

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21  
papers

516  
citations

840585

11  
h-index

839398

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme Biofuel Cells: Thermodynamics, Kinetics and Challenges in Applicability. ChemElectroChem, 2014, 1, 1751-1777.	1.7	104
2	Highly oriented hematite nanorods arrays for photoelectrochemical water splitting. Journal of Power Sources, 2012, 205, 525-529.	4.0	89
3	Evidence of short-range electron transfer of a redox enzyme on graphene oxide electrodes. Physical Chemistry Chemical Physics, 2014, 16, 17426-17436.	1.3	60
4	Structural evolution, growth mechanism and photoluminescence properties of CuWO <sub>4</sub> nanocrystals. Ultrasonics Sonochemistry, 2017, 38, 256-270.	3.8	60
5	Development of Co <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> Bifunctional Nanocomposite for Clinical Sensor Applications. ACS Applied Nano Materials, 2018, 1, 4283-4293.	2.4	26
6	Gold nanoparticle-mediated electron transfer of cytochrome c on a self-assembled surface. RSC Advances, 2016, 6, 62585-62593.	1.7	23
7	Supramolecular architectures in layer-by-layer films of single-walled carbon nanotubes, chitosan and cobalt (II) phthalocyanine. Materials Chemistry and Physics, 2011, 130, 1072-1077.	2.0	22
8	Highly Stable Magnetite Modified with Chitosan, Ferrocene and Enzyme for Application in Magneto-Switchable Bioelectrocatalysis. Journal of the Brazilian Chemical Society, 2013, 24, 285-294.	0.6	20
9	Nanomaterials for Biosensors and Implantable Biodevices. , 2013, , 27-48.		19
10	Diffusion of Oligonucleotides from within Iron-Cross-Linked, Polyelectrolyte-Modified Alginate Beads: A Model System for Drug Release. ChemPhysChem, 2016, 17, 976-984.	1.0	15
11	Development of nanoparticulate systems with action in breast and ovarian cancer: nanotheragnostics. Journal of Drug Targeting, 2019, 27, 732-741.	2.1	15
12	New Hybrid Nanomaterial Based on Self-Assembly of Cyclodextrins and Cobalt Prussian Blue Analogue Nanocubes. International Journal of Molecular Sciences, 2015, 16, 14594-14607.	1.8	14
13	Protein Oligomerization Based on Brønsted Acid Reaction. ACS Catalysis, 2017, 7, 3082-3088.	5.5	13
14	Synthesis, characterization and electrochemical properties of composites synthesized from silver-tannic acid hybrid nanoparticles and different clays. Applied Clay Science, 2019, 181, 105219.	2.6	13
15	Organização supramolecular da ftalocianina de cobalto(II) e seu efeito na oxidação do aminoácido cisteína. Quimica Nova, 2010, 33, 539-546.	0.3	7
16	Effect of Ibuprofen on the electrochemical properties of Prussian blue/single-walled carbon nanotubes nanocomposite modified electrode. Surfaces and Interfaces, 2021, 25, 101276.	1.5	5
17	Biofuel Cells: Bioelectrochemistry Applied to the Generation of Green Electricity. , 2013, , 101-123.		3
18	Poly(Alizarin Red S) on pyrolytic graphite electrodes as a new multi-electronic system for sensing oxandrolone in urine. Biosensors and Bioelectronics, 2021, 185, 113234.	5.3	3

#	ARTICLE	IF	CITATIONS
19	Structural reorganization of CuO/Cu <sub>2</sub> [Fe(CN) <sub>6</sub> ] nanocomposite: characterization and electrocatalytic effect for the hydrogen peroxide reduction. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191442.	0.3	3
20	Diffusion of Oligonucleotides from within Iron-Cross-Linked, Polyelectrolyte-Modified Alginate Beads: A Model System for Drug Release. ChemPhysChem, 2016, 17, 926-926.	1.0	1
21	Biofuel Cells. , 2018, , 161-190.		1