

Marcelo Nakamura

List of Publications by Year in descending order

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35
papers

1,356
citations

567281

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361022

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docs citations

37
times ranked

2076
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of (3-aminopropyl)triethoxysilane-coated magnetite nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 279, 210-217.	2.3	707
2	High performance electrochemical sensors for dopamine and epinephrine using nanocrystalline carbon quantum dots obtained under controlled chronoamperometric conditions. <i>Electrochimica Acta</i> , 2016, 209, 464-470.	5.2	95
3	Amperometric sensor for glucose based on electrochemically polymerized tetra-ruthenated nickel-porphyrin. <i>Analytica Chimica Acta</i> , 2005, 539, 215-222.	5.4	58
4	Sensitization of TiO ₂ by Supramolecules Containing Zinc Porphyrins and Ruthenium ^{II} -Polypyridyl Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 396-398.	4.0	53
5	Photoelectrochemical properties of supramolecular species containing porphyrin and ruthenium complexes on TiO ₂ films. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 56.	2.9	38
6	Supramolecular tetracluster-cobalt porphyrin: a four-electron transfer catalyst for dioxygen reduction. <i>Electrochimica Acta</i> , 2004, 49, 3711-3718.	5.2	36
7	A nitric oxide releaser based on the $\text{[Ru}^{\text{II}}(\text{NO})(\text{O}^{\text{2-}})_2(\text{CH}_3)_2\text{py}_2\text{]}^+$ complex. <i>Inorganica Chimica Acta</i> , 2005, 358, 2891-2899.	2.4	34
8	Multielectronic redox and electrocatalytic supramolecular films based on a tetra-ruthenated iron porphyrin. <i>Electrochimica Acta</i> , 2006, 52, 263-271.	5.2	26
9	Synergic effects enhance the catalytic properties of alpha-Ni(OH) ₂ -FeOCPc@rGO composite for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 267, 161-169.	5.2	26
10	GO composite encompassing a tetra-ruthenated cobalt porphyrin-Ni coordination polymer and its behavior as isoniazid BIA sensor. <i>Electrochimica Acta</i> , 2019, 300, 113-122.	5.2	25
11	Conduction and photoelectrochemical properties of monomeric and electropolymerized tetra-ruthenated porphyrin films. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 359.	2.9	24
12	Efficient electrochemical biosensors for ethynylestradiol based on the laccase enzyme supported on single walled carbon nanotubes decorated with nanocrystalline carbon quantum dots. <i>Analytical Methods</i> , 2016, 8, 7254-7259.	2.7	23
13	Improving the catalytic activity of formate dehydrogenase from <i>Candida boidinii</i> by using magnetic nanoparticles. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 84, 136-143.	1.8	21
14	Hyperspectral dark-field microscopy of gold nanodisks. <i>Micron</i> , 2015, 69, 15-20.	2.2	19
15	CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. <i>Electrochimica Acta</i> , 2016, 222, 1682-1690.	5.2	19
16	Fluorescent Cdots(N)-Silica composites: Direct synthesis and application as electrochemical sensor of fenitrothion pesticide. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 267, 115084.	3.5	17
17	Efficient and methanol resistant noble metal free electrocatalyst for tetraelectronic oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019, 326, 134984.	5.2	14
18	Catalytic properties of thioredoxin immobilized on superparamagnetic nanoparticles. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 738-744.	3.5	13

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19	Orange-Emitting ZnSe:Mn ²⁺ Quantum Dots as Nanoprobes for Macrophages. ACS Applied Nano Materials, 2020, 3, 10399-10410.	5.0	13
20	Polymeric binuclear ruthenium complex as efficient electrocatalyst for oxygen evolution reaction. Electrochimica Acta, 2018, 283, 18-26.	5.2	12
21	Electrochemically activated coordinative assembly of a triruthenium cluster metallopolymer. Electrochimica Acta, 2012, 66, 287-294.	5.2	11
22	Thermodynamic stabilization of nanostructured alpha-Ni _{1-x} Cox(OH) ₂ for high efficiency batteries and devices. RSC Advances, 2013, 3, 20261.	3.6	10
23	Synthesis and characterization of nanocomposite based on reduced graphene oxide-gold nanoparticles-carbon dots: electroanalytical determination of dihydroxybenzene isomers simultaneously. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	10
24	Ruthenium Acetate Cluster Amphiphiles and Their Langmuir-Blodgett Films for Electrochromic Switching Devices. European Journal of Inorganic Chemistry, 2014, 2014, 1150-1157.	2.0	9
25	Nanostructured Alpha-Nickel Hydroxide Electrodes for High Performance Hydrogen Peroxide Sensing. Electroanalysis, 2013, 25, 2060-2066.	2.9	7
26	Bovine glutamate dehydrogenase immobilization on magnetic nanoparticles: conformational changes and catalysis. RSC Advances, 2016, 6, 12977-12992.	3.6	7
27	Lamellar FeO ₂ /Pc-Ni/GO Composite-Based Enzymeless Glucose Sensor. ChemElectroChem, 2020, 7, 2553-2563.	3.4	7
28	The Effect of -Cyclodextrin Inclusion on the Morphology of [Ru(bpy) ₂ Cl(BPEB)](PF ₆) Films by Scanning Force Microscopy. Microscopy and Microanalysis, 2005, 11, 142-145.	0.4	3
29	Analysis of the healthy rabbit lens surface using MAC Mode atomic force microscopy. Micron, 2007, 38, 286-290.	2.2	3
30	Effect of cations/polycations on the efficiency of formation of a hybrid bilayer membrane that mimics the inner mitochondrial membrane. Colloids and Surfaces B: Biointerfaces, 2012, 91, 1-9.	5.0	3
31	Electrocatalytic activity in sensing of nitrite by films produced by electropolymerization of [Fe(Br-ph-tpy) ₂] ²⁺ . Journal of Coordination Chemistry, 2017, 70, 1137-1145.	2.2	3
32	Unravelling the nature of the spongy dark material in aged Turkevich gold nanoparticles colloidal solutions by CytoViva® dark-field imaging and HRTEM analysis. Micron, 2019, 121, 21-25.	2.2	3
33	RAMAN STUDIES OF BIS(PHENYLTERPYRAZINE)IRON(II) AND SUPRAMOLECULAR SPECIES WITH PENTACYANIDOFERRATE(II) IONS. Quimica Nova, 2019, , .	0.3	3
34	Interplay of hetero-MN ₄ catalytic sites on graphene for efficient oxygen reduction reaction. Electrochimica Acta, 2022, 419, 140397.	5.2	2
35	Probing magnetic and gold nanoparticles by using MAClevers® as ultrasensitive sensors. Nanoscale, 2010, 2, 2583.	5.6	1