

# Marcelo Nakamura

## List of Publications by Year in descending order

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35  
papers

1,356  
citations

567281

15  
h-index

361022

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interplay of hetero-MN <sub>4</sub> catalytic sites on graphene for efficient oxygen reduction reaction. <i>Electrochimica Acta</i> , 2022, 419, 140397.	5.2	2
2	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
3	Synthesis and characterization of nanocomposite based on reduced graphene oxide-gold nanoparticles-carbon dots: electroanalytical determination of dihydroxybenzene isomers simultaneously. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	10
4	Orange-Emitting ZnSe:Mn <sup>2+</sup> Quantum Dots as Nanoprobes for Macrophages. <i>ACS Applied Nano Materials</i> , 2020, 3, 10399-10410.	5.0	13
5	Lamellar FeO <sub>c</sub> Pc@Ni/GO Composite-Based Enzymeless Glucose Sensor. <i>ChemElectroChem</i> , 2020, 7, 2553-2563.	3.4	7
6	Efficient and methanol resistant noble metal free electrocatalyst for tetraelectronic oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019, 326, 134984.	5.2	14
7	GO composite encompassing a tetraruthenated cobalt porphyrin-Ni coordination polymer and its behavior as isoniazid BIA sensor. <i>Electrochimica Acta</i> , 2019, 300, 113-122.	5.2	25
8	Unravelling the nature of the spongy dark material in aged Turkevich gold nanoparticles colloidal solutions by CytoViva <sup>®</sup> dark-field imaging and HRTEM analysis. <i>Micron</i> , 2019, 121, 21-25.	2.2	3
9	RAMAN STUDIES OF BIS(PHENYLTERPYRAZINE)IRON(II) AND SUPRAMOLECULAR SPECIES WITH PENTACYANIDOFERRATE(II) IONS. <i>Quimica Nova</i> , 2019, , .	0.3	3
10	Synergic effects enhance the catalytic properties of alpha-Ni(OH) <sub>2</sub> -FeOCPc@rGO composite for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 267, 161-169.	5.2	26
11	Polymeric binuclear ruthenium complex as efficient electrocatalyst for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 283, 18-26.	5.2	12
12	Electrocatalytic activity in sensing of nitrite by films produced by electropolymerization of [Fe(Br-ph-tpy)] <sub>2</sub> <sup>2+</sup> . <i>Journal of Coordination Chemistry</i> , 2017, 70, 1137-1145.	2.2	3
13	CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. <i>Electrochimica Acta</i> , 2016, 222, 1682-1690.	5.2	19
14	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
15	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
16	Bovine glutamate dehydrogenase immobilization on magnetic nanoparticles: conformational changes and catalysis. <i>RSC Advances</i> , 2016, 6, 12977-12992.	3.6	7
17	Hyperspectral dark-field microscopy of gold nanodisks. <i>Micron</i> , 2015, 69, 15-20.	2.2	19
18	Ruthenium Acetate Cluster Amphiphiles and Their Langmuir-Blodgett Films for Electrochromic Switching Devices. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1150-1157.	2.0	9

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19	Thermodynamic stabilization of nanostructured alpha-Ni <sub>1-x</sub> Cox(OH) <sub>2</sub> for high efficiency batteries and devices. RSC Advances, 2013, 3, 20261.	3.6	10
20	Nanostructured Alpha-Nickel Hydroxide Electrodes for High Performance Hydrogen Peroxide Sensing. Electroanalysis, 2013, 25, 2060-2066.	2.9	7
21	Electrochemically activated coordinative assembly of a triruthenium cluster metallopolymer. Electrochimica Acta, 2012, 66, 287-294.	5.2	11
22	Improving the catalytic activity of formate dehydrogenase from Candida boidinii by using magnetic nanoparticles. Journal of Molecular Catalysis B: Enzymatic, 2012, 84, 136-143.	1.8	21
23	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
24	Catalytic properties of thioredoxin immobilized on superparamagnetic nanoparticles. Journal of Inorganic Biochemistry, 2011, 105, 738-744.	3.5	13
25	Probing magnetic and gold nanoparticles by using MAClevers <sup>®</sup> as ultrasensitive sensors. Nanoscale, 2010, 2, 2583.	5.6	1
26	Analysis of the healthy rabbit lens surface using MAC Mode atomic force microscopy. Micron, 2007, 38, 286-290.	2.2	3
27	Multielectronic redox and electrocatalytic supramolecular films based on a tetraruthenated iron porphyrin. Electrochimica Acta, 2006, 52, 263-271.	5.2	26
28	The Effect of -Cyclodextrin Inclusion on the Morphology of [Ru(bpy) <sub>2</sub> Cl(BPEB)](PF <sub>6</sub> ) Films by Scanning Force Microscopy. Microscopy and Microanalysis, 2005, 11, 142-145.	0.4	3
29	A nitric oxide releaser based on the 1/4-oxo-hexaacetate-bis(4-methylpyridine)triruthenium nitrosyl complex. Inorganica Chimica Acta, 2005, 358, 2891-2899.	2.4	34
30	Amperometric sensor for glucose based on electrochemically polymerized tetraruthenated nickel-porphyrin. Analytica Chimica Acta, 2005, 539, 215-222.	5.4	58
31	Conduction and photoelectrochemical properties of monomeric and electropolymerized tetraruthenated porphyrin films. Photochemical and Photobiological Sciences, 2005, 4, 359.	2.9	24
32	Supramolecular tetracluster-cobalt porphyrin: a four-electron transfer catalyst for dioxygen reduction. Electrochimica Acta, 2004, 49, 3711-3718.	5.2	36
33	Preparation and characterization of (3-aminopropyl)triethoxysilane-coated magnetite nanoparticles. Journal of Magnetism and Magnetic Materials, 2004, 279, 210-217.	2.3	707
34	Sensitization of TiO <sub>2</sub> by Supramolecules Containing Zinc Porphyrins and Ruthenium-Polypyridyl Complexes. Inorganic Chemistry, 2004, 43, 396-398.	4.0	53
35	Photoelectrochemical properties of supramolecular species containing porphyrin and ruthenium complexes on TiO <sub>2</sub> films. Photochemical and Photobiological Sciences, 2004, 3, 56.	2.9	38