

Koiti Araki

List of Publications by Year in descending order

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272
papers

6,677
citations

61984
43
h-index

110387
64
g-index

284
all docs

284
docs citations

284
times ranked

6846
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensing Materials: Metal Oxides. , 2023, , 98-113.		3
2	Wide visible-range activatable fluorescence ZnSe:Eu ³⁺ /Mn ²⁺ @ZnS quantum dots: local atomic structure order and application as a nanoprobe for bioimaging. Journal of Materials Chemistry B, 2022, 10, 247-261.	5.8	9
3	New organic photosensitizers based on triphenylamine and hydantoin as anchoring group onto TiO ₂ Surface. Journal of Molecular Structure, 2022, 1251, 132072.	3.6	2
4	Fate of nickel in soybean seeds dressed with different forms of nickel. Rhizosphere, 2022, 21, 100464.	3.0	5
5	Recent progress in water-splitting and supercapacitor electrode materials based on MOF-derived sulfides. Journal of Materials Chemistry A, 2022, 10, 430-474.	10.3	54
6	Unraveling the acid-base characterization and solvent effects on structural and electronic properties of a bis-bidentated bridging ligand. Physical Chemistry Chemical Physics, 2022, , .	2.8	4
7	Improving stability of iron oxide nanofluids for enhanced oil recovery: Exploiting wettability modifications in carbonaceous rocks. Journal of Petroleum Science and Engineering, 2022, 212, 110311.	4.2	13
8	Interplay of hetero-MN ₄ catalytic sites on graphene for efficient oxygen reduction reaction. Electrochimica Acta, 2022, 419, 140397.	5.2	2
9	Recent progress in water splitting and hybrid supercapacitors based on nickel-vanadium layered double hydroxides. Journal of Energy Chemistry, 2021, 57, 496-515.	12.9	65
10	Multivariate probing of antitumor metal-based complexes damage on living cells through Raman imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118838.	3.9	5
11	Combined Colorimetric and Electrochemical Measurement Paper-Based Device for Chemometric Proof-of-Concept Analysis of Cocaine Samples. ACS Omega, 2021, 6, 594-605.	3.5	26
12	Phosphotungstic acid impregnated niobium coated superparamagnetic iron oxide nanoparticles as recyclable catalyst for selective isomerization of terpenes. RSC Advances, 2021, 11, 14203-14212.	3.6	8
13	A Phthalocyanine Derivate Mouthwash to Gargling/Rinsing as an Option to Reduce Clinical Symptoms of COVID-19: Case Series. Clinical, Cosmetic and Investigational Dentistry, 2021, Volume 13, 47-50.	1.6	16
14	Docosahexaenoic acid nanoencapsulated with anti-PECAM-1 as co-therapy for atherosclerosis regression. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 159, 99-107.	4.3	8
15	Recent Progress in Core@Shell Sulfide Electrode Materials for Advanced Supercapacitor Devices. Batteries and Supercaps, 2021, 4, 1397-1427.	4.7	20
16	Cytotoxicity of Methotrexate Conjugated to Glycerol Phosphate Modified Superparamagnetic Iron Oxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2021, 21, 1451-1461.	0.9	6
17	Nanoporous Gold-Based Materials for Electrochemical Energy Storage and Conversion. Energy Technology, 2021, 9, 2000927.	3.8	26
18	scFv-Anti-LDL(-)-Metal-Complex Multi-Wall Functionalized-Nanocapsules as a Promising Tool for the Prevention of Atherosclerosis Progression. Frontiers in Medicine, 2021, 8, 652137.	2.6	2

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19	<i>In vivo</i> evaluation of toxicity and anti-inflammatory activity of iron oxide nanoparticles conjugated with ibuprofen. <i>Nanomedicine</i> , 2021, 16, 741-758.	3.3	8
20	Critical Parameters for Green Glycoluril Synthesis. <i>Russian Journal of General Chemistry</i> , 2021, 91, 739-742.	0.8	4
21	Self-Supported Smart Bacterial Nanocellulose-Phosphotungstic Acid Nanocomposites for Photochromic Applications. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	11
22	Mass Transport in Nanoporous Gold and Correlation with Surface Pores for EC 1 Mechanism: Case of Ascorbic Acid. <i>ChemElectroChem</i> , 2021, 8, 2129-2136.	3.4	3
23	Screen-printed Nickel-Cerium Hydroxide Sensor for Acetaminophen Determination in Body Fluids. <i>ChemElectroChem</i> , 2021, 8, 2505-2511.	3.4	5
24	Titanium and Iron Oxide Nanoparticles for Cancer Therapy: Surface Chemistry and Biological Implications. <i>Frontiers in Nanotechnology</i> , 2021, 3, .	4.8	8
25	SPION-decorated organofunctionalized MCM48 silica-based nanocomposites for magnetic solid-phase extraction. <i>Materials Advances</i> , 2021, 2, 963-973.	5.4	3
26	Silver Enhances Hematite Nanoparticles Based Ethanol Sensor Response and Selectivity at Room Temperature. <i>Sensors</i> , 2021, 21, 440.	3.8	13
27	Unmodified Clay Nanosheets at the Air-Water Interface. <i>Langmuir</i> , 2021, 37, 160-170.	3.5	9
28	Beneficial effects of a mouthwash containing an antiviral phthalocyanine derivative on the length of hospital stay for COVID-19: randomised trial. <i>Scientific Reports</i> , 2021, 11, 19937.	3.3	20
29	Amperometric microsensor based on nanoporous gold for ascorbic acid detection in highly acidic biological extracts. <i>Analytica Chimica Acta</i> , 2020, 1095, 61-70.	5.4	30
30	Vanadium-containing electro and photocatalysts for the oxygen evolution reaction: a review. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2171-2206.	10.3	94
31	Beyond electrostatic interactions: Ligand shell modulated uptake of bis-conjugated iron oxide nanoparticles by cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110717.	5.0	6
32	Review-Tetraruthenated Porphyrins and Composites as Catalysts and Sensor Materials: A Short Review. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 061011.	1.8	8
33	Silver nanoparticles added to a commercial adhesive primer: Colour change and resin colour stability with ageing. <i>International Journal of Adhesion and Adhesives</i> , 2020, 102, 102694.	2.9	7
34	Unveiling Anomalous Surface-Enhanced Resonance Raman Scattering on an Oxo-Tetraruthenium Acetate Cluster Complex by a Theoretical-Experimental Approach. <i>Journal of Physical Chemistry C</i> , 2020, 124, 21674-21683.	3.1	3
35	Orange-Emitting ZnSe:Mn ²⁺ Quantum Dots as Nanoprobes for Macrophages. <i>ACS Applied Nano Materials</i> , 2020, 3, 10399-10410.	5.0	13
36	Nitric oxide inhibition of lipopolysaccharide-stimulated RAW 247.6 cells by ibuprofen-conjugated iron oxide nanoparticles. <i>Nanomedicine</i> , 2020, 15, 2475-2492.	3.3	8

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37	Superparamagnetic iron oxide nanoparticles (SPIONs) conjugated with lipase <i>Candida antarctica</i> A for biodiesel synthesis. RSC Advances, 2020, 10, 38490-38496.	3.6	16
38	1,3,4-Oxadiazole based ruthenium amphiphile for Langmuir-Blodgett films and photo-responsive logic gate construction. Electrochimica Acta, 2020, 350, 136350.	5.2	2
39	Porphyrin Derivative Nanoformulations for Therapy and Antiparasitic Agents. Molecules, 2020, 25, 2080.	3.8	28
40	Uric acid electrochemical sensing in biofluids based on Ni/Zn hydroxide nanocatalyst. Mikrochimica Acta, 2020, 187, 379.	5.0	28
41	Ni-based double hydroxides as electrocatalysts in chemical sensors: A review. TrAC - Trends in Analytical Chemistry, 2020, 126, 115859.	11.4	21
42	Recent advances in ternary layered double hydroxide electrocatalysts for the oxygen evolution reaction. New Journal of Chemistry, 2020, 44, 9981-9997.	2.8	76
43	Trimetallic oxides/hydroxides as hybrid supercapacitor electrode materials: a review. Journal of Materials Chemistry A, 2020, 8, 10534-10570.	10.3	151
44	Lamellar FeO ₂ Pc@Ni/GO Composite-Based Enzymeless Glucose Sensor. ChemElectroChem, 2020, 7, 2553-2563.	3.4	7
45	Single-Atom Electrocatalysts for Water Splitting. , 2020, , 67-111.		1
46	Selecting the Mechanism of Surface-Enhanced Raman Scattering Effect using Shell Isolated Nanoparticles and an Oxo- ^{IV} -Ruthenium Acetate Cluster Complex. Inorganic Chemistry, 2019, 58, 10399-10407.	4.0	3
47	Efficient and methanol resistant noble metal free electrocatalyst for tetraelectronic oxygen reduction reaction. Electrochimica Acta, 2019, 326, 134984.	5.2	14
48	Photobleaching Efficiency Parallels the Enhancement of Membrane Damage for Porphyrazine Photosensitizers. Journal of the American Chemical Society, 2019, 141, 15547-15556.	13.7	57
49	Correlating Selective Electrocatalysis of Dopamine and Ascorbic Acid Electrooxidation at Nanoporous Gold Surfaces with Structural-Defects. Journal of the Electrochemical Society, 2019, 166, H704-H711.	2.9	22
50	Nanoporous gold-based dopamine sensor with sensitivity boosted by interferant ascorbic acid. Electrochimica Acta, 2019, 322, 134772.	5.2	17
51	GO composite encompassing a tetra-ruthenated cobalt porphyrin-Ni coordination polymer and its behavior as isoniazid BIA sensor. Electrochimica Acta, 2019, 300, 113-122.	5.2	25
52	Effects of a strong π -accepting ancillary ligand on the water oxidation activity of weakly coupled binuclear ruthenium catalysts. Dalton Transactions, 2019, 48, 3009-3017.	3.3	6
53	Efficient Cr(VI) removal from wastewater by activated carbon superparamagnetic composites. Microchemical Journal, 2019, 149, 104025.	4.5	20
54	Direct effects of poly(μ -caprolactone) lipid-core nanocapsules on human immune cells. Nanomedicine, 2019, 14, 1429-1442.	3.3	12

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55	Electrocatalytic materials design for oxygen evolution reaction. <i>Advances in Inorganic Chemistry</i> , 2019, , 241-303.	1.0	14
56	X-ray Photoelectron Fingerprints of High-Valence Rutheniumâ€“Oxo Complexes along the Oxidation Reaction Pathway in an Aqueous Environment. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7636-7643.	4.6	6
57	Nano-multilamellar lipid vesicles (NMVs) enhance protective antibody responses against Shiga toxin (Stx2a) produced by enterohemorrhagic <i>Escherichia coli</i> strains (EHEC). <i>Brazilian Journal of Microbiology</i> , 2019, 50, 67-77.	2.0	13
58	Tuning Selectivity and Sensitivity of Mixedâ€“polymeric Tetra-ruthenated Metalloporphyrins Modified Electrodes as Voltammetric Sensors of Chloramphenicol. <i>Electroanalysis</i> , 2019, 31, 688-694.	2.9	8
59	Nanostructured mixed Ni/Pt hydroxides electrodes for BIA-amperometry determination of hydralazine. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 95, 475-480.	5.3	13
60	Enhancement of Stability and Specific Charge Capacity of Alphaâ€“Ni(OH) ₂ by Mn(II) Isomorphic Substitution. <i>Energy Technology</i> , 2019, 7, 1800980.	3.8	10
61	Correlating surface growth of nanoporous gold with electrodeposition parameters to optimize amperometric sensing of nitrite. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 237-247.	7.8	55
62	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
63	Decorated Superparamagnetic Iron Oxide Nanoparticles with Monoclonal Antibody and Diethylene-Triamine-Pentaacetic Acid Labeled with Technetium-99m and Gallium-68 for Breast Cancer Imaging. <i>Pharmaceutical Research</i> , 2018, 35, 24.	3.5	29
64	Fast and reliable BIA/amperometric quantification of acetylcysteine using a nanostructured double hydroxide sensor. <i>Talanta</i> , 2018, 186, 354-361.	5.5	14
65	Laser Patterning a Chem-FET Like Device on a V ₂ O ₅ Xerogel Film. <i>IEEE Sensors Journal</i> , 2018, 18, 1358-1363.	4.7	5
66	Unexpected Stabilization of α -Ni(OH) ₂ Nanoparticles in GO Nanocomposites. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-13.	2.7	10
67	On the effect of TiO ₂ nanocrystallites over the plasmonic photodegradation by Au nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1953-1960.	2.5	8
68	Bovine Serum Albumin Conjugated Gold-198 Nanoparticles as Model To Evaluate Damage Caused by Ionizing Radiation to Biomolecules. <i>ACS Applied Nano Materials</i> , 2018, 1, 5062-5070.	5.0	9
69	Polymeric binuclear ruthenium complex as efficient electrocatalyst for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 283, 18-26.	5.2	12
70	Antibacterial effects and cytotoxicity of an adhesive containing low concentration of silver nanoparticles. <i>Journal of Dentistry</i> , 2018, 77, 66-71.	4.1	63
71	Effect of Gold Nanoparticles and Unwanted Residues on Raman Spectra of Graphene Sheets. <i>Brazilian Journal of Physics</i> , 2018, 48, 477-484.	1.4	3
72	Thiosemicarbazone@Gold nanoparticle hybrid as selective SERS substrate for Hg ²⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 174-179.	3.9	8

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73	Identification of Tobacco Types and Cigarette Brands Using an Electronic Nose Based on Conductive Polymer/Porphyrin Composite Sensors. ACS Omega, 2018, 3, 6476-6482.	3.5	30
74	Highly efficient method for production of radioactive silver seed cores for brachytherapy. Applied Radiation and Isotopes, 2017, 120, 76-81.	1.5	6
75	Catalytic Water-Oxidation Activity of a Weakly Coupled Binuclear Ruthenium Polypyridyl Complex. European Journal of Inorganic Chemistry, 2017, 2017, 768-768.	2.0	2
76	Lipophilic magnetite nanoparticles coated with stearic acid: A potential agent for friction and wear reduction. Tribology International, 2017, 112, 10-19.	5.9	29
77	Microwave assisted synthesis of a series of charge-transfer photosensitizers having quinoxaline-2(1H)-one as anchoring group onto TiO ₂ surface. Journal of Molecular Structure, 2017, 1133, 384-391.	3.6	7
78	Electrostatic blocking barrier as an effective strategy to inhibit electron recombination in DSSCs. Electrochimica Acta, 2017, 255, 92-98.	5.2	18
79	A reliable protocol for colorimetric determination of iron oxide nanoparticle uptake by cells. Analytical and Bioanalytical Chemistry, 2017, 409, 6663-6675.	3.7	14
80	Unexpected lability of the [Ru ^{III} (phtpy)Cl ₃] complex. Dalton Transactions, 2017, 46, 15567-15572.	3.3	9
81	Key role of surface concentration on reproducibility and optimization of SERS sensitivity. Journal of Raman Spectroscopy, 2017, 48, 1190-1195.	2.5	11
82	Nanostructured Alpha-NiCe Mixed Hydroxide for Highly Sensitive Amperometric Prednisone Sensors. Electrochimica Acta, 2017, 247, 30-40.	5.2	19
83	Gold Nanohole Arrays Fabricated by Interference Lithography Technique as SERS Probes for Chemical Species Such As Rhodamine 6G and 4,4'-Bipyridine. Plasmonics, 2017, 12, 1015-1020.	3.4	15
84	Role of poly(ϵ -caprolactone) lipid-core nanocapsules on melanoma–neutrophil crosstalk. International Journal of Nanomedicine, 2017, Volume 12, 7153-7163.	6.7	11
85	Novel therapeutic mechanisms determine the effectiveness of lipid-core nanocapsules on melanoma models. International Journal of Nanomedicine, 2016, 11, 1261.	6.7	13
86	CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. Electrochimica Acta, 2016, 222, 1682-1690.	5.2	19
87	Impact of nanoparticles preparation method on the synergic effect in anatase/rutile mixtures. Electrochimica Acta, 2016, 222, 1378-1386.	5.2	22
88	Transition from glass- to gel-like states in clay at a liquid interface. Scientific Reports, 2016, 6, 37239.	3.3	11
89	Dolomitized cells within chert of the Permian Assisťncia Formation, Paratť Basin, Brazil. Sedimentary Geology, 2016, 335, 120-135.	2.1	17
90	Supramolecular Hybrid Organic/Inorganic Nanomaterials Based on Metalloporphyrins and Phthalocyanines. , 2016, , 1-82.		0

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91	Catalytic Water-Oxidation Activity of a Weakly Coupled Binuclear Ruthenium Polypyridyl Complex. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5547-5556.	2.0	18
92	Accessing the charge separation effects in dye-sensitized solar cells based on a vectorial planning of supramolecular ruthenium dyes. <i>Inorganica Chimica Acta</i> , 2016, 453, 764-770.	2.4	6
93	Enhanced Stability and Conductivity of $\text{Ni}(\text{OH})_2/\text{Smectite}$ Clay Composites. <i>Journal of the Electrochemical Society</i> , 2016, 163, A2356-A2361.	2.9	9
94	Design, syntheses, characterization, and cytotoxicity studies of novel heterobinuclear oxindolimine copper(II)-platinum(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 165, 108-118.	3.5	11
95	Electrode materials based on $\text{NiCo}(\text{OH})_2$ and rGO for high performance energy storage devices. <i>RSC Advances</i> , 2016, 6, 102504-102512.	3.6	28
96	Simultaneous determination of acetaminophen and tyrosine using a glassy carbon electrode modified with a tetra-ruthenated cobalt(II) porphyrin intercalated into a smectite clay. <i>Mikrochimica Acta</i> , 2016, 183, 3243-3253.	5.0	24
97	Development of a tetraphenylporphyrin cobalt (II) modified glassy carbon electrode to monitor oxygen consumption in biological samples. <i>Journal of Electroanalytical Chemistry</i> , 2016, 775, 72-76.	3.8	11
98	Bovine glutamate dehydrogenase immobilization on magnetic nanoparticles: conformational changes and catalysis. <i>RSC Advances</i> , 2016, 6, 12977-12992.	3.6	7
99	Enlightening the synergic effect of anatase/rutile mixtures in solar cells. <i>Electrochimica Acta</i> , 2016, 188, 523-528.	5.2	14
100	Structural effects on the photoelectrochemical properties of new push-pull dyes based on vinazene acceptor triphenylamine donor. <i>Journal of Molecular Structure</i> , 2016, 1111, 157-165.	3.6	3
101	Effect of silver nanoparticle and TiO_2 coatings on biofilm formation on four types of modern glass. <i>International Biodeterioration and Biodegradation</i> , 2016, 108, 175-180.	3.9	15
102	Direct synthesis of magnetite nanoparticles from iron(II) carboxymethylcellulose and their performance as NMR contrast agents. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 397, 28-32.	2.3	22
103	Amperometric Folic Acid Quantification Using a Supramolecular Tetra-ruthenated Nickel Porphyrin μ -Peroxo-Bridged Matrix Modified Electrode Associated to Batch Injection Analysis. <i>Electroanalysis</i> , 2015, 27, 2322-2328.	2.9	14
104	Nanotechnology, Light and Chemical Action: an Effective Combination to Kill Cancer Cells. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	11
105	Ultrasmall cationic superparamagnetic iron oxide nanoparticles as nontoxic and efficient MRI contrast agent and magnetic-targeting tool. <i>International Journal of Nanomedicine</i> , 2015, 10, 4731.	6.7	24
106	Gold nanoparticles functionalised with Ru-dicarboxybipyridine-trimercaptotriazine: SERS effect and application in plasmonic dye solar cells. <i>International Journal of Nanotechnology</i> , 2015, 12, 263.	0.2	2
107	Encapsulation of metalloporphyrins improves their capacity to block the viability of the human malaria parasite <i>Plasmodium falciparum</i> . <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 351-358.	3.3	17
108	REPLY to <i>Nanomedicine: NMB</i> , 2015; 11:1035. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1036-1037.	3.3	0

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109	Unveiling the Structure of Polytetraruthenated Nickel Porphyrin by Raman Spectroelectrochemistry. <i>Langmuir</i> , 2015, 31, 4351-4360.	3.5	19
110	Surface Enhanced Raman Spectroelectrochemistry of a μ_4 -Oxo Triruthenium Acetate Cluster: An Experimental and Theoretical Approach. <i>Inorganic Chemistry</i> , 2015, 54, 9656-9663.	4.0	6
111	Unexpected effect of drying method on the microstructure and electrocatalytic properties of bentonite/alpha-nickel hydroxide nanocomposite. <i>Journal of Power Sources</i> , 2015, 297, 408-412.	7.8	15
112	Pushing the surface-enhanced Raman scattering analyses sensitivity by magnetic concentration: A simple non core-shell approach. <i>Analytica Chimica Acta</i> , 2015, 855, 70-75.	5.4	24
113	Strategies for Development of Antimalarials Based on Encapsulated Porphyrin Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 14, 1055-1071.	2.4	7
114	New composite porphyrin-conductive polymer gas sensors for application in electronic noses. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 136-141.	7.8	46
115	Carbon Ceramic Electrodes Modified with Alpha-Nickel Hydroxide Applied to the Electro-Oxidation of Methanol in Alkaline Medium. <i>ECS Transactions</i> , 2014, 61, 319-330.	0.5	2
116	<i>In vivo</i> and <i>In vitro</i> Toxicity and Anti-Inflammatory Properties of Gold Nanoparticle Bioconjugates to the Vascular System. <i>Toxicological Sciences</i> , 2014, 142, 497-507.	3.1	65
117	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
118	Silver recovery using electrochemically active magnetite coated carbon particles. <i>Hydrometallurgy</i> , 2014, 147-148, 241-245.	4.3	23
119	Influence of alkaline cation on the electrochemical behavior of stabilized alpha-Ni(OH) ₂ . <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2279-2287.	2.5	21
120	Influence of cobalt content on nanostructured alpha-phase-nickel hydroxide modified electrodes for electrocatalytic oxidation of isoniazid. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 601-606.	7.8	39
121	SERS studies of isolated and agglomerated gold nanoparticles functionalized with a dicarboxybipyridine-trimercaptotriazine-ruthenium dye. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 758-763.	2.5	6
122	Gold nanoparticle modifies nitric oxide release and vasodilation in rat aorta. <i>Journal of Chemical Biology</i> , 2014, 7, 57-65.	2.2	14
123	Anisotropic magnetic carbon materials based on graphite and magnetite nanoparticles. <i>Carbon</i> , 2014, 77, 600-606.	10.3	6
124	How relevant can the SERS effect in isolated nanoparticles be?. <i>RSC Advances</i> , 2013, 3, 24465.	3.6	9
125	Thermodynamic stabilization of nanostructured alpha-Ni _{1-x} Cox(OH) ₂ for high efficiency batteries and devices. <i>RSC Advances</i> , 2013, 3, 20261.	3.6	10
126	New tunable ruthenium complex dyes for TiO ₂ solar cells. <i>Inorganica Chimica Acta</i> , 2013, 404, 23-28.	2.4	27

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127	Nanostructured Alpha-Nickel Hydroxide Electrodes for High Performance Hydrogen Peroxide Sensing. <i>Electroanalysis</i> , 2013, 25, 2060-2066.	2.9	7
128	Effect of ethanol concentrations on few layer Schottky graphene transistors. <i>Journal of Physics: Conference Series</i> , 2013, 421, 012005.	0.4	0
129	Control of Cytolocalization and Mechanism of Cell Death by Encapsulation of a Photosensitizer. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1307-1317.	1.1	18
130	Sevenfold enhancement on porphyrin dye efficiency by coordination of ruthenium polypyridine complexes. <i>Chemical Communications</i> , 2012, 48, 6939.	4.1	28
131	Corrole isomers: intrinsic gas-phase shapes via traveling wave ion mobility mass spectrometry and dissociation chemistries via tandem mass spectrometry. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8396.	2.8	20
132	Electrochemically activated coordinative assembly of a triruthenium cluster metallopolymer. <i>Electrochimica Acta</i> , 2012, 66, 287-294.	5.2	11
133	Exploring the coordination chemistry of isomerizable terpyridine derivatives for successful analyses of cis and trans isomers by travelling wave ion mobility mass spectrometry. <i>Analyst</i> , 2012, 137, 4045.	3.5	22
134	Unraveling the Mysterious Role of Palladium in Feigl bis(dimethylglyoximate)nickel(II) Spot Tests by Means of Confocal Raman Microscopy. <i>Analytical Chemistry</i> , 2012, 84, 3067-3069.	6.5	5
135	5-(1-(4-phenyl)-3-(4-nitrophenyl)triazene)-10,15,20-triphenylporphyrin: a new triazene-porphyrin dye and its spectroelectrochemical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 200-209.	0.8	11
136	Correlation of photodynamic activity and singlet oxygen quantum yields in two series of hydrophobic monocationic porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 55-63.	0.8	15
137	Magnetic nanohydrometallurgy: A promising nanotechnological approach for metal production and recovery using functionalized superparamagnetic nanoparticles. <i>Hydrometallurgy</i> , 2012, 125-126, 148-151.	4.3	26
138	Highly stabilized alpha-NiCo(OH) ₂ nanomaterials for high performance device application. <i>Journal of Power Sources</i> , 2012, 218, 1-4.	7.8	48
139	Graphene modification with gold nanoparticles using the gas aggregation technique. <i>Diamond and Related Materials</i> , 2012, 23, 18-22.	3.9	3
140	Resolution of isomeric multi-ruthenated porphyrins by travelling wave ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 263-268.	1.5	18
141	Protomers: formation, separation and characterization via travelling wave ion mobility mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 712-719.	1.6	102
142	Influence of the relative amounts of crystalline and amorphous phases on the mechanical properties of polyamide-6 nanocomposites. <i>Journal of Applied Polymer Science</i> , 2012, 125, 3239-3249.	2.6	12
143	Direct assembly of a metallo dendrimer encompassing seven triruthenium clusters units. <i>Inorganica Chimica Acta</i> , 2012, 390, 148-153.	2.4	12
144	Effect of cations/polycations on the efficiency of formation of a hybrid bilayer membrane that mimics the inner mitochondrial membrane. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 91, 1-9.	5.0	3

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145	Evaluation of Sun Protection Factor of Cosmetic Formulations by a Simple Visual In Vitro Method Mimicking the In Vivo Method. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 726-732.	3.3	5
146	N3-Dye-Induced Visible Laser Anatase-to-Rutile Phase Transition on Mesoporous TiO ₂ Films. <i>Langmuir</i> , 2011, 27, 9094-9099.	3.5	15
147	Direct use of superparamagnetic nanoparticles as electrode modifiers for the analysis of mercury ions from aqueous solution and crude petroleum samples. <i>Journal of Electroanalytical Chemistry</i> , 2011, 661, 72-76.	3.8	12
148	Triangular ruthenium acetate clusters containing the bis(pyridyl)propane ligand and their inclusion chemistry with β -cyclodextrin. <i>Transition Metal Chemistry</i> , 2011, 36, 775-783.	1.4	2
149	New insights on surface-enhanced Raman scattering based on controlled aggregation and spectroscopic studies, DFT calculations and symmetry analysis for 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine adsorbed onto citrate-stabilized gold nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 644-652.	2.5	17
150	Supramolecular Approach to Gold Nanoparticle/Triruthenium Cluster Hybrid Materials and Interfaces. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1640-1648.	2.0	13
151	Highly Sensitive Amperometric Glucose Sensors Based on Nanostructured $\text{Ni}(\text{OH})_2$ Electrodes. <i>Electroanalysis</i> , 2011, 23, 2541-2548.	2.9	62
152	Superparamagnetic Carbon Electrodes: A Versatile Approach for Performing Magnetic Coupled Electrochemical Analysis of Mercury Ions. <i>Electroanalysis</i> , 2011, 23, 2569-2573.	2.9	8
153	Magnetic coupled electrochemistry: Exploring the use of superparamagnetic nanoparticles for capturing, transporting and concentrating trace amounts of analytes. <i>Electrochemistry Communications</i> , 2011, 13, 72-74.	4.7	15
154	Fast and reliable analyses of sulphite in fruit juices using a supramolecular amperometric detector encompassing in flow gas diffusion unit. <i>Food Chemistry</i> , 2011, 127, 249-255.	8.2	25
155	Catalytic properties of thioredoxin immobilized on superparamagnetic nanoparticles. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 738-744.	3.5	13
156	Reliable and fast sensor for in vitro evaluation of solar protection factor based on the photobleaching kinetics of a nanocrystalline TiO ₂ /dye UV-dosimeter. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 325-331.	7.8	3
157	A New Insight on the Preparation of Stabilized Alpha-Nickel Hydroxide Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3985-3996.	0.9	28
158	Sensing hazardous metal ions using a fluoroionophore calix[4]arene species containing two 8-oxyquinoline groups. <i>Canadian Journal of Chemistry</i> , 2011, 89, 562-567.	1.1	5
159	Confocal Raman and electronic microscopy studies on the topotactic conversion of calcium carbonate from Pomacea lineate shells into hydroxyapatite bioceramic materials in phosphate media. <i>Micron</i> , 2010, 41, 983-989.	2.2	34
160	Vanadium oxide-porphyrin nanocomposites as gas sensor interfaces for probing low water content in ethanol. <i>Sensors and Actuators B: Chemical</i> , 2010, 146, 61-68.	7.8	37
161	The coordination chemistry at gold nanoparticles. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1158-1176.	0.6	98
162	Electrocatalytic oxidation of methanol by the $[\text{Ru}_3\text{O}(\text{OAc})_6(\text{py})_2(\text{CH}_3\text{OH})]^{3+}$ cluster: improving the metal-ligand electron transfer by accessing the higher oxidation states of a multicentered system. <i>Quimica Nova</i> , 2010, 33, 2046-2050.	0.3	4

#	ARTICLE	IF	CITATIONS
163	Vanadium(V) Oxide “Metal Organic Nanocomposites as Electrochemical Sensing Materials. Materials Science Forum, 2010, 636-637, 729-736.	0.3	6
164	Surface Enhanced Raman Scattering Spot Tests: A New Insight on Feigl’s Analysis Using Gold Nanoparticles. Analytical Chemistry, 2010, 82, 9146-9149.	6.5	47
165	Probing magnetic and gold nanoparticles by using MAClevers® as ultrasensitive sensors. Nanoscale, 2010, 2, 2583.	5.6	1
166	Electronic conduction and electrocatalysis by supramolecular tetra-ruthenated copper porphyrine films. Journal of the Brazilian Chemical Society, 2009, 20, 728-736.	0.6	3
167	Preparation and characterization of colloidal Ni(OH) ₂ /bentonite composites. Materials Research Bulletin, 2009, 44, 970-976.	5.2	19
168	A new micro/nanoencapsulated porphyrin formulation for PDT treatment. International Journal of Pharmaceutics, 2009, 376, 76-83.	5.2	46
169	Probing the binding of tetraplatinum(pyridyl)porphyrin complexes to DNA by means of surface plasmon resonance. Journal of Inorganic Biochemistry, 2009, 103, 182-189.	3.5	35
170	Investigation of interfacial processes at tetra-ruthenated zinc porphyrin films using electrochemical surface plasmon resonance and electrochemical quartz crystal microbalance. Electrochimica Acta, 2009, 54, 2971-2976.	5.2	6
171	Can mass dissociation patterns of transition-metal complexes be predicted from electrochemical data?. Journal of Mass Spectrometry, 2009, 44, 361-367.	1.6	9
172	Unravelling the Chemical Morphology of a Mesoporous Titanium Dioxide Interface by Confocal Raman Microscopy: New Clues for Improving the Efficiency of Dye Solar Cells and Photocatalysts. Langmuir, 2009, 25, 11269-11271.	3.5	30
173	New hydrazine sensors based on electropolymerized meso-tetra(4-sulphonatophenyl)porphyrinate manganese(III)/silver nanomaterial. Talanta, 2008, 74, 730-735.	5.5	31
174	A Penalty Method to Model Particle Interactions in DNA-Laden Flows. Journal of Nanoscience and Nanotechnology, 2008, 8, 3749-3756.	0.9	21
175	Contrasting photoelectrochemical behaviour of two isomeric supramolecular dyes based on meso-tetra(pyridyl)porphyrin incorporating four (1/43-oxo)- triruthenium(III) clusters. New Journal of Chemistry, 2008, 32, 1167.	2.8	23
176	Ultrasensitive SERS Nanoprobes for Hazardous Metal Ions Based on Trimercaptotriazine-Modified Gold Nanoparticles. Inorganic Chemistry, 2008, 47, 2934-2936.	4.0	117
177	Optical Changes and Writing on Hydrotalcite Supported Gold Nanoparticles. Journal of Nanoscience and Nanotechnology, 2008, 8, 274-279.	0.9	2
178	Estrat�gia supramolecular para a nanotecnologia. Quimica Nova, 2007, 30, 1484-1490.	0.3	1
179	Controlled Stabilization and Flocculation of Gold Nanoparticles by Means of 2-Pyrazin-2-ylthianethiol and Pentacyanidoferrate(II) Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 3356-3364.	2.0	27
180	Determination of n-octanol/water partition and membrane binding of cationic porphyrins. International Journal of Pharmaceutics, 2007, 329, 12-18.	5.2	91

#	ARTICLE	IF	CITATIONS
181	Fluorescent tetraruthenated porphyrins embedded in monolithic SiO ₂ gels by the sol-gel process. <i>Journal of Colloid and Interface Science</i> , 2007, 305, 264-269.	9.4	9
182	Interaction of cationic meso-porphyrins with liposomes, mitochondria and erythrocytes. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 175-185.	2.3	100
183	Supramolecular Porphyrins as Electrocatalysts. , 2006, , 255-314.		7
184	Electrospray Ionization Tandem Mass Spectrometry of Polymetallic μ_4 -Oxo- and Carboxylate-Bridged [Ru ₃ O(CH ₃ COO) ₆ (Py) ₂ (L)] _n +Complexes: Intrinsic Ligand (L) Affinities with Direct Access to Steric Effects. <i>Organometallics</i> , 2006, 25, 3245-3250.	2.3	22
185	Interaction of 2- and 4-Mercaptopyridine with Pentacyanoferrates and Gold Nanoparticles. <i>Inorganic Chemistry</i> , 2006, 45, 94-101.	4.0	36
186	Amperometric quantification of sodium metabisulfite in pharmaceutical formulations utilizing tetraruthenated porphyrin film modified electrodes and batch injection analysis. <i>Talanta</i> , 2006, 68, 1281-1286.	5.5	41
187	Preparation of Very Reactive Thiol-Protected Gold Nanoparticles: Revisiting the Brust-Schiffrin Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 708-712.	0.9	18
188	Multielectronic redox and electrocatalytic supramolecular films based on a tetraruthenated iron porphyrin. <i>Electrochimica Acta</i> , 2006, 52, 263-271.	5.2	26
189	Electrocatalysis on tetraruthenated nickel and cobalt porphyrins electrostatic assembled films. <i>Journal of Electroanalytical Chemistry</i> , 2006, 590, 111-119.	3.8	24
190	Selective host-guest interactions on mesoporous TiO ₂ films modified with carboxymethyl- β -cyclodextrin. <i>Surface Science</i> , 2006, 600, 4591-4597.	1.9	27
191	TiO ₂ -Based Light-Driven XOR/INH Logic Gates. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3143-3146.	13.8	72
192	Steric and Catalytic Effects in Tetraruthenated Manganese Porphyrins. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 850-856.	2.0	8
193	Proton-Coupled Redox Chemistry, Oxidative Reactivity, and Electronic Characterization of Aqua-, Hydroxo-, and Oxo-Triruthenium Clusters. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1487-1495.	2.0	21
194	Polymetallated Porphyrin Ultrathin Films as Transducing Elements for Molecular Devices and Logic Gates. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 1701-1709.	0.9	10
195	Study of the spectroscopic and electrochemical properties of tetraruthenated porphyrins by theoretical-experimental approach. <i>Inorganica Chimica Acta</i> , 2005, 358, 2629-2642.	2.4	25
196	Amperometric sensor for glucose based on electrochemically polymerized tetraruthenated nickel-porphyrin. <i>Analytica Chimica Acta</i> , 2005, 539, 215-222.	5.4	58
197	Kinetics and mechanism of cyclohexane oxidation catalyzed by supramolecular manganese(III) porphyrins. <i>Journal of Catalysis</i> , 2005, 236, 55-61.	6.2	57
198	Supramolecular conformational effects in the electrocatalytic properties of electrostatic assembled films of meso(3- and 4-pyridyl) isomers of tetraruthenated porphyrins. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 418-425.	0.6	24

#	ARTICLE	IF	CITATIONS
199	Spectroelectrochemical behavior of N-confused dioxohexaphyrins. Journal of Porphyrins and Phthalocyanines, 2005, 09, 813-820.	0.8	14
200	Cobalt oxide/tetraruthenated cobalt-porphyrin composite for hydrogen peroxide amperometric sensors. Analyst, The, 2005, 130, 221.	3.5	63
201	Conduction and photoelectrochemical properties of monomeric and electropolymerized tetraruthenated porphyrin films. Photochemical and Photobiological Sciences, 2005, 4, 359.	2.9	24
202	Multi-Curve Fitting Analysis of Temperature-Dependent I-V Curves of Poly-Hexathienylphenanthroline-Bridged Nanogap Electrodes. Japanese Journal of Applied Physics, 2004, 43, L634-L636.	1.5	18
203	Electrospray mass and tandem mass spectrometry of homologous and isomeric singly, doubly, triply and quadruply charged cationic ruthenated meso-(phenyl)m-(meta- and para-pyridyl)n (m + n = 4) macrocyclic porphyrin complexes. Journal of Mass Spectrometry, 2004, 39, 1161-1167.	1.6	32
204	Bridging Nanogap Electrodes by In Situ Electropolymerization of a Bis(terthiophenylphenanthroline)ruthenium Complex. Chemistry - A European Journal, 2004, 10, 3331-3340.	3.3	61
205	Supramolecular tetracluster-cobalt porphyrin: a four-electron transfer catalyst for dioxygen reduction. Electrochimica Acta, 2004, 49, 3711-3718.	5.2	36
206	Photochemistry of doubly N-confused porphyrin bonded to non-conventional high oxidation state Ag(III) and Cu(III) ions. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 163, 403-411.	3.9	33
207	Enhanced electrochemical and electrocatalytic activity of a new supramolecular manganese-porphyrin species containing four bis(bipyridine)(aqua)ruthenium(II) complexes. Journal of Electroanalytical Chemistry, 2004, 562, 145-152.	3.8	31
208	Sensitization of TiO ₂ by Supramolecules Containing Zinc Porphyrins and Ruthenium ^{II} Polypyridyl Complexes. Inorganic Chemistry, 2004, 43, 396-398.	4.0	53
209	Photoelectrochemical properties of supramolecular species containing porphyrin and ruthenium complexes on TiO ₂ films. Photochemical and Photobiological Sciences, 2004, 3, 56.	2.9	38
210	Porphyrin doped vanadium pentoxide xerogel as electrode material. Solid State Sciences, 2003, 5, 621-628.	3.2	11
211	Electrocatalytic activity of a new nanostructured polymeric tetraruthenated porphyrin film for nitrite detection. Analytica Chimica Acta, 2003, 480, 97-107.	5.4	71
212	Doubly N-Confused Porphyrins as Efficient Sensitizers for Singlet Oxygen Generation. Chemistry Letters, 2003, 32, 244-245.	1.3	40
213	Prepara��o de compostos de alum��nio a partir da bauxita: considera��es sobre alguns aspectos envolvidos em um experimento did��tico. Qu��mica Nova, 2002, 25, 490.	0.3	16
214	Synthesis, electrochemistry, spectroscopy and photophysical properties of a series of meso-phenylpyridylporphyrins with one to four pyridyl rings coordinated to [Ru(bipy) ₂ Cl] ⁺ groups. Journal of Porphyrins and Phthalocyanines, 2002, 06, 33-42.	0.8	46
215	Spectroelectrochemical Characterization of Organic and Metal-Organic Compounds. Current Organic Chemistry, 2002, 6, 21-34.	1.6	19
216	Qu��mica de sistemas supramoleculares constitu��dos por porfirinas e complexos met��licos. Qu��mica Nova, 2002, 25, 962-975.	0.3	16

#	ARTICLE	IF	CITATIONS
217	Batch Injection Analysis Utilizing Modified Electrodes with Tetra-ruthenated Porphyrin Films for Acetaminophen Quantification. <i>Electroanalysis</i> , 2002, 14, 1629-1634.	2.9	66
218	Acid–base and spectroscopic properties of a novel supramolecular porphyrin bonded to four pentacyanoferrate(II) groups. <i>Inorganica Chimica Acta</i> , 2002, 338, 27-35.	2.4	19
219	Amperometric detection of nitrite and nitrate at tetra-ruthenated porphyrin-modified electrodes in a continuous-flow assembly. <i>Analytica Chimica Acta</i> , 2002, 452, 23-28.	5.4	78
220	Charge transfer at electrostatically assembled tetra-ruthenated porphyrin modified electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2002, 526, 69-76.	3.8	35
221	Acid–Base and Spectroelectrochemical Properties of Doubly N-Confused Porphyrins. <i>Inorganic Chemistry</i> , 2001, 40, 2020-2025.	4.0	55
222	Modulation of vectorial energy transfer in the tetrakis[tris(bipyridine)ruthenium(II)]porphyrinate zinc complex. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 142, 25-30.	3.9	35
223	A new highly efficient tetra-electronic catalyst based on a cobalt porphyrin bound to four μ_3 -oxo-ruthenium acetate clusters. <i>Journal of Electroanalytical Chemistry</i> , 2001, 498, 152-160.	3.8	53
224	Monomeric and extended oxo-centered triruthenium clusters. <i>Coordination Chemistry Reviews</i> , 2001, 219-221, 187-234.	18.8	131
225	Electrochemical and binding properties of a meso-tetra(4-pyridyl)porphyrinatozinc supermolecule containing four μ_3 -oxo-triruthenium acetate clusters. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000, 04, 727-735.	0.8	20
226	Supramolecular assemblies of ruthenium complexes and porphyrins. <i>Coordination Chemistry Reviews</i> , 2000, 196, 307-329.	18.8	161
227	(5,10,15,20-Tetra(4-pyridyl)porphinato)manganese(III) acetate modified by four μ_3 -oxo-triruthenium acetate clusters: synthesis, characterization, electrochemical behavior and catalytic activity. <i>Inorganica Chimica Acta</i> , 2000, 305, 206-213.	2.4	36
228	Highly conductive electrostatically assembled porphyrazine films. <i>Electrochemistry Communications</i> , 2000, 2, 749-753.	4.7	23
229	Zinc tetra-ruthenated porphyrin binding and photoinduced oxidation of calf-thymus DNA. <i>Journal of Inorganic Biochemistry</i> , 2000, 78, 269-273.	3.5	42
230	Photophysical and photoelectrochemical properties of the bis(2,2'-bipyridine)(4,4'-dimethylthio-2,2'-bipyridine)ruthenium(II) complex. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000, 135, 185-191.	3.9	16
231	Title is missing!. <i>Journal of Solution Chemistry</i> , 2000, 29, 667-684.	1.2	13
232	Thin molecular films of supramolecular porphyrins. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000, 72, 27-32.	0.8	6
233	A Cyclic Voltammetry Experiment Illustrating Redox Potentials, Equilibrium Constants, and Substitution Reactions in Coordination Chemistry. <i>Journal of Chemical Education</i> , 2000, 77, 1351.	2.3	12
234	Intervalence transfer properties of the binuclear μ_4 -benzotriazolate- and μ_4 -benzimidazolate-bis{ruthenium(II)/(III)-edta} complexes. <i>Inorganica Chimica Acta</i> , 1999, 285, 197-202.	2.4	20

#	ARTICLE	IF	CITATIONS
235	Electrochemistry of a tetraruthenated iron porphyrin and its electrostatically assembled bilayered films. <i>Electrochimica Acta</i> , 1999, 44, 1577-1583.	5.2	19
236	Determination of sulfur dioxide in wines by gas-diffusion flow injection analysis utilizing modified electrodes with electrostatically assembled films of tetraruthenated porphyrin. <i>Analytica Chimica Acta</i> , 1999, 387, 175-180.	5.4	71
237	A Procedure to Obtain the Effective Nuclear Charge from the Atomic Spectrum of Sodium. <i>Journal of Chemical Education</i> , 1999, 76, 1269.	2.3	1
238	N-Confused Tetraphenylporphyrin-Silver(III) Complex. <i>Inorganic Chemistry</i> , 1999, 38, 2676-2682.	4.0	201
239	Supramolecular Cationic Tetraruthenated Porphyrin and Light-Induced Decomposition of 2'-Deoxyguanosine Predominantly Via a Singlet Oxygen-Mediated Mechanism. <i>Photochemistry and Photobiology</i> , 1998, 68, 698-702.	2.5	11
240	Electrostatically Assembled Films for Improving the Properties of Tetraruthenated Porphyrin Modified Electrodes. <i>Electroanalysis</i> , 1998, 10, 467-471.	2.9	59
241	Spectroscopic and Electrochemical Study of a Tetrapyrroldiporphyrin Modified with Four Bis-(1,10-phenanthroline)chlororuthenium(II) Complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 1998, 02, 467-472.	0.8	13
242	Synthesis and Characterization of a Novel Dodecanuclear Porphyrin Ruthenium Cluster. <i>Monatshefte für Chemie</i> , 1998, 129, 975-984.	1.8	3
243	Spectroelectrochemical and photophysical properties of a (3,4-pyridyl) porphyrazine supermolecule containing four [Ru(bipy)2Cl]+ groups. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 118, 11-17.	3.9	21
244	Absorption and Luminescence Spectra of Tetra (3-Pyridyl)Porphyrazine: A Convergent Spectroscopic Method for the Elucidation of Association Reactions in Solution. <i>Spectroscopy Letters</i> , 1998, 31, 1065-1074.	1.0	6
245	Synthese und Charakterisierung eines neuen dodekanuklearen Porphyrin-Ruthenium-Clusters. <i>Monatshefte für Chemie</i> , 1998, 129, 975.	1.8	15
246	Spectroscopic and electrochemical study of a tetrapyrroldiporphyrin modified with four bis-(1,10-phenanthroline)chlororuthenium(II) complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 1998, 2, 467-472.	0.8	0
247	Supramolecular cationic tetraruthenated porphyrin and light-induced decomposition of 2'-deoxyguanosine predominantly via a singlet oxygen-mediated mechanism. <i>Photochemistry and Photobiology</i> , 1998, 68, 698-702.	2.5	26
248	Linkage isomerism, kinetics and electrochemistry of ruthenium-edta complexes of benzotriazole. <i>Transition Metal Chemistry</i> , 1997, 23, 13-16.	1.4	19
249	Layer-by-Layer Growth of Electrostatically Assembled Multilayer Porphyrin Films. <i>Langmuir</i> , 1996, 12, 5393-5398.	3.5	159
250	Electrochemical detection of NADH and dopamine in flow analysis based on tetraruthenated porphyrin modified electrodes. <i>Analytica Chimica Acta</i> , 1996, 329, 91-95.	5.4	58
251	Supramolecular Cationic Tetraruthenated Porphyrin Induces Single-Strand Breaks and 8-hydroxy-2'-deoxyguanosine Formation in DNA in the Presence of Light. <i>Photochemistry and Photobiology</i> , 1996, 63, 272-277.	2.5	69
252	Rectifying properties and photoconductivity of tetraruthenated nickel porphyrin films. <i>Advanced Materials</i> , 1995, 7, 554-559.	21.0	57

#	ARTICLE	IF	CITATIONS
253	Electrochemistry of a tetraruthenated cobalt porphyrin and its use in modified electrodes as sensors of reducing analytes. <i>Journal of Electroanalytical Chemistry</i> , 1995, 397, 205-210.	3.8	96
254	Resonance Raman Spectra of a Supramolecular Species Containing Four Ruthenium(II)-Bipyridine Complexes Attached to Zinc-Tetrapyrrolyl Porphyrinate. <i>Spectroscopy Letters</i> , 1995, 28, 119-126.	1.0	11
255	Luminescence, spectroelectrochemistry and photoelectrochemical properties of a tetraruthenated zinc porphyrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 83, 245-250.	3.9	67
256	SYNTHESIS AND CHARACTERIZATION OF A MULTIBRIDGED PORPHYRIN COMPLEX CONTAINING PERIPHERAL BIS(BIPYRIDINE)-RUTHENIUM(II) GROUPS. <i>Journal of Coordination Chemistry</i> , 1993, 30, 9-17.	2.2	67
257	Electronic and Resonance Raman Spectra of a Multibridged Iron Porphyrin. <i>Spectroscopy Letters</i> , 1993, 26, 1417-1426.	1.0	5
258	Research Committee Report: New application in pneumatics - head note and project summaries. <i>Proceedings of the JFPS International Symposium on Fluid Power</i> , 1993, 1993, 153-172.	0.1	0
259	Research Committee Report: Pneumatics. <i>Proceedings of the JFPS International Symposium on Fluid Power</i> , 1993, 1993, 143-152.	0.1	0
260	Spectroelectrochemical and kinetic behaviour of the [Ru(edta)-(diethyldithiocarbamate)] complex. <i>Transition Metal Chemistry</i> , 1992, 17, 535-538.	1.4	8
261	Electrochemical and spectral characterization of the "square scheme" for the substitution of N-methylpyrazinium cation on the ethylenediaminetetraacetate complexes of ruthenium(III) and ruthenium(II). <i>Inorganic Chemistry</i> , 1991, 30, 3043-3047.	4.0	14
262	Electrochemical Studies of Dimethyl Sulphoxide Complexes of Ruthenium(II/III) with EDTA. <i>Journal of Coordination Chemistry</i> , 1991, 24, 1-8.	2.2	12
263	Spectroelectrochemical analysis of overlapping redox processes in a tetrametallated iron porphyrin. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 297, 301-307.	0.1	11
264	Synthesis and electrochemical behavior of a tetrametallated cobalt porphyrin. <i>Inorganica Chimica Acta</i> , 1991, 179, 293-296.	2.4	31
265	Nonlinear oscillation modes in the 3rd order Josephson junction circuits. <i>IEEE Transactions on Magnetics</i> , 1991, 27, 2732-2735.	2.1	1
266	Facile Synthesis Strategy to Create Mesoporous Magnetic Iron Oxides Using Pectin-Based Precursors. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
267	Synthesis, Characterization, Spectroelectrochemical, Photophysical and HSA Binding Properties of Novel and Versatile meso-Tetra(4-pyridylvinylphenyl)porphyrins Coordinated to Ruthenium(II)-Polypyridyl Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
268	Zeolite-SPION Nanocomposite for Ammonium and Heavy Metals Removal from Wastewater. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
269	Gold Nanoparticle/Tetrapyrrolylporphyrin Hybrid Material: Spectroscopic and Electrocatalytic Properties and Sensor Application. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
270	Effect of Push-Pull Ruthenium Complex Adsorption Conformation on the Performance of Dye Sensitized Solar Cells. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1

#	ARTICLE	IF	CITATIONS
271	Living, Social, Small and Challenging. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
272	Nickel-Cerium Layered Double Hydroxide as Electrocatalyst for Glycerol Oxidation. Journal of the Brazilian Chemical Society, 0, , .	0.6	2