

Koiti Araki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

263
papers

5,330
citations

39
h-index

56
g-index

284
ext. papers

5,949
ext. citations

4.4
avg, IF

5.84
L-index

#	Paper	IF	Citations
263	Recent progress in water-splitting and supercapacitor electrode materials based on MOF-derived sulfides. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 430-474	13	5
262	New organic photosensitizers based on triphenylamine and hydantoin as anchoring group onto TiO ₂ Surface. <i>Journal of Molecular Structure</i> , 2022 , 1251, 132072	3.4	0
261	Fate of nickel in soybean seeds dressed with different forms of nickel. <i>Rhizosphere</i> , 2022 , 21, 100464	3.5	
260	Improving stability of iron oxide nanofluids for enhanced oil recovery: Exploiting wettability modifications in carbonaceous rocks. <i>Journal of Petroleum Science and Engineering</i> , 2022 , 212, 110311	4.4	2
259	Interplay of hetero-MN ₄ catalytic sites on graphene for efficient oxygen reduction reaction. <i>Electrochimica Acta</i> , 2022 , 140397	6.7	0
258	Wide visible-range activatable fluorescence ZnSe:Eu/Mn@ZnS quantum dots: local atomic structure order and application as a nanoprobe for bioimaging. <i>Journal of Materials Chemistry B</i> , 2021 ,	7.3	3
257	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	4.9	6
256	Unmodified Clay Nanosheets at the Air-Water Interface. <i>Langmuir</i> , 2021 , 37, 160-170	4	8
255	Recent Progress in Core@Shell Sulfide Electrode Materials for Advanced Supercapacitor Devices. <i>Batteries and Supercaps</i> , 2021 , 4, 1397-1427	5.6	7
254	Cytotoxicity of Methotrexate Conjugated to Glycerol Phosphate Modified Superparamagnetic Iron Oxide Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 1451-1461	1.3	2
253	Nanoporous Gold-Based Materials for Electrochemical Energy Storage and Conversion. <i>Energy Technology</i> , 2021 , 9, 2000927	3.5	4
252	scFv-Anti-LDL(-)-Metal-Complex Multi-Wall Functionalized-Nanocapsules as a Promising Tool for the Prevention of Atherosclerosis Progression. <i>Frontiers in Medicine</i> , 2021 , 8, 652137	4.9	2
251	evaluation of toxicity and anti-inflammatory activity of iron oxide nanoparticles conjugated with ibuprofen. <i>Nanomedicine</i> , 2021 , 16, 741-758	5.6	5
250	Critical Parameters for Green Glycoluril Synthesis. <i>Russian Journal of General Chemistry</i> , 2021 , 91, 739-742.	2.7	
249	Self-Supported Smart Bacterial NanocellulosePhosphotungstic Acid Nanocomposites for Photochromic Applications. <i>Frontiers in Materials</i> , 2021 , 8,	4	3
248	Mass Transport in Nanoporous Gold and Correlation with Surface Pores for EC1 Mechanism: Case of Ascorbic Acid. <i>ChemElectroChem</i> , 2021 , 8, 2129-2136	4.3	0
247	Screen-printed Nickel-Cerium Hydroxide Sensor for Acetaminophen Determination in Body Fluids. <i>ChemElectroChem</i> , 2021 , 8, 2505-2511	4.3	1

246	Recent progress in water splitting and hybrid supercapacitors based on nickel-vanadium layered double hydroxides. <i>Journal of Energy Chemistry</i> , 2021 , 57, 496-515	12	21
245	Multivariate probing of antitumor metal-based complexes damage on living cells through Raman imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 244, 118838	4.4	2
244	Sensing Materials: Metals Oxides 2021 ,		3
243	Combined Colorimetric and Electrochemical Measurement Paper-Based Device for Chemometric Proof-of-Concept Analysis of Cocaine Samples. <i>ACS Omega</i> , 2021 , 6, 594-605	3.9	9
242	Phosphotungstic acid impregnated niobium coated superparamagnetic iron oxide nanoparticles as recyclable catalyst for selective isomerization of terpenes.. <i>RSC Advances</i> , 2021 , 11, 14203-14212	3.7	3
241	A Phthalocyanine Derivate Mouthwash to Gargling/Rinsing as an Option to Reduce Clinical Symptoms of COVID-19: Case Series. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2021 , 13, 47-50	1.6	9
240	Docosahexaenoic acid nanoencapsulated with anti-PECAM-1 as co-therapy for atherosclerosis regression. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 159, 99-107	5.7	3
239	Titanium and Iron Oxide Nanoparticles for Cancer Therapy: Surface Chemistry and Biological Implications. <i>Frontiers in Nanotechnology</i> , 2021 , 3,	5.5	4
238	SPION-decorated organofunctionalized MCM48 silica-based nanocomposites for magnetic solid-phase extraction. <i>Materials Advances</i> , 2021 , 2, 963-973	3.3	1
237	Silver Enhances Hematite Nanoparticles Based Ethanol Sensor Response and Selectivity at Room Temperature. <i>Sensors</i> , 2021 , 21,	3.8	4
236	Nitric oxide inhibition of lipopolysaccharide-stimulated RAW 247.6 cells by ibuprofen-conjugated iron oxide nanoparticles. <i>Nanomedicine</i> , 2020 , 15, 2475-2492	5.6	7
235	Superparamagnetic iron oxide nanoparticles (SPIONs) conjugated with lipase A for biodiesel synthesis.. <i>RSC Advances</i> , 2020 , 10, 38490-38496	3.7	6
234	1,3,4-Oxadiazole based ruthenium amphiphile for Langmuir-Blodgett films and photo-responsive logic gate construction. <i>Electrochimica Acta</i> , 2020 , 350, 136350	6.7	2
233	Porphyrin Derivative Nanoformulations for Therapy and Antiparasitic Agents. <i>Molecules</i> , 2020 , 25,	4.8	11
232	Uric acid electrochemical sensing in biofluids based on Ni/Zn hydroxide nanocatalyst. <i>Mikrochimica Acta</i> , 2020 , 187, 379	5.8	14
231	Ni-based double hydroxides as electrocatalysts in chemical sensors: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 126, 115859	14.6	10
230	Recent advances in ternary layered double hydroxide electrocatalysts for the oxygen evolution reaction. <i>New Journal of Chemistry</i> , 2020 , 44, 9981-9997	3.6	39
229	Trimetallic oxides/hydroxides as hybrid supercapacitor electrode materials: a review. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 10534-10570	13	80

228	Lamellar FeO _c Pc-Ni/GO Composite-Based Enzymeless Glucose Sensor. <i>ChemElectroChem</i> , 2020 , 7, 2553-2563	2.5	63
227	Single-Atom Electrocatalysts for Water Splitting 2020 , 67-111		1
226	Vanadium-containing electro and photocatalysts for the oxygen evolution reaction: a review. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2171-2206	13	59
225	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	6	6
224	Review of Tetra-ruthenated Porphyrins and Composites as Catalysts and Sensor Materials: A Short Review. <i>ECS Journal of Solid State Science and Technology</i> , 2020 , 9, 061011	2	3
223	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	3.4	2
222	Unveiling Anomalous Surface-Enhanced Resonance Raman Scattering on an Oxo-Triruthenium Acetate Cluster Complex by a Theoretical-Experimental Approach. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 21674-21683	3.8	0
221	Orange-Emitting ZnSe:Mn ²⁺ Quantum Dots as Nanoprobes for Macrophages. <i>ACS Applied Nano Materials</i> , 2020 , 3, 10399-10410	5.6	3
220	Amperometric microsensor based on nanoporous gold for ascorbic acid detection in highly acidic biological extracts. <i>Analytica Chimica Acta</i> , 2020 , 1095, 61-70	6.6	17
219	Photobleaching Efficiency Parallels the Enhancement of Membrane Damage for Porphyrazine Photosensitizers. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15547-15556	16.4	34
218	Correlating Selective Electrocatalysis of Dopamine and Ascorbic Acid Electrooxidation at Nanoporous Gold Surfaces with Structural-Defects. <i>Journal of the Electrochemical Society</i> , 2019 , 166, H704-H711	3.9	16
217	Nanoporous gold-based dopamine sensor with sensitivity boosted by interferant ascorbic acid. <i>Electrochimica Acta</i> , 2019 , 322, 134772	6.7	10
216	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	6.7	16
215	Effects of a strong π -accepting ancillary ligand on the water oxidation activity of weakly coupled binuclear ruthenium catalysts. <i>Dalton Transactions</i> , 2019 , 48, 3009-3017	4.3	4
214	Efficient Cr(VI) removal from wastewater by activated carbon superparamagnetic composites. <i>Microchemical Journal</i> , 2019 , 149, 104025	4.8	12
213	Direct effects of poly(ϵ -caprolactone) lipid-core nanocapsules on human immune cells. <i>Nanomedicine</i> , 2019 , 14, 1429-1442	5.6	7
212	Electrocatalytic materials design for oxygen evolution reaction. <i>Advances in Inorganic Chemistry</i> , 2019 , 241-303	2.1	11
211	Selecting the Mechanism of Surface-Enhanced Raman Scattering Effect using Shell Isolated Nanoparticles and an Oxo-Triruthenium Acetate Cluster Complex. <i>Inorganic Chemistry</i> , 2019 , 58, 10399-10407	5.1	1

210	Efficient and methanol resistant noble metal free electrocatalyst for tetraelectronic oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019 , 326, 134984	6.7	7
209	X-ray Photoelectron Fingerprints of High-Valence Ruthenium-Oxo Complexes along the Oxidation Reaction Pathway in an Aqueous Environment. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 7636-7643	6.4	2
208	Nano-multilamellar lipid vesicles (NMVs) enhance protective antibody responses against Shiga toxin (Stx2a) produced by enterohemorrhagic Escherichia coli strains (EHEC). <i>Brazilian Journal of Microbiology</i> , 2019 , 50, 67-77	2.2	7
207	Tuning Selectivity and Sensitivity of Mixed-polymeric Tetraruthenated Metalloporphyrins Modified Electrodes as Voltammetric Sensors of Chloramphenicol. <i>Electroanalysis</i> , 2019 , 31, 688-694	3	4
206	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	9
205	Enhancement of Stability and Specific Charge Capacity of Alpha-Ni(OH) ₂ by Mn(II) Isomorphic Substitution. <i>Energy Technology</i> , 2019 , 7, 1800980	3.5	6
204	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	8.5	40
203	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	6.7	21
202	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	4.5	23
201	Fast and reliable BIA/amperometric quantification of acetylcysteine using a nanostructured double hydroxide sensor. <i>Talanta</i> , 2018 , 186, 354-361	6.2	12
200	Laser Patterning a Chem-FET Like Device on a V ₂ O ₅ Xerogel Film. <i>IEEE Sensors Journal</i> , 2018 , 18, 1358-1363	13.63	5
199	Antibacterial effects and cytotoxicity of an adhesive containing low concentration of silver nanoparticles. <i>Journal of Dentistry</i> , 2018 , 77, 66-71	4.8	37
198	Effect of Gold Nanoparticles and Unwanted Residues on Raman Spectra of Graphene Sheets. <i>Brazilian Journal of Physics</i> , 2018 , 48, 477-484	1.2	2
197	Thiosemicarbazone@Gold nanoparticle hybrid as selective SERS substrate for Hg ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 204, 174-179	4.4	7
196	Identification of Tobacco Types and Cigarette Brands Using an Electronic Nose Based on Conductive Polymer/Porphyrin Composite Sensors. <i>ACS Omega</i> , 2018 , 3, 6476-6482	3.9	20
195	Unexpected Stabilization of Ni(OH) ₂ Nanoparticles in GO Nanocomposites. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-13	3.2	6
194	On the effect of TiO ₂ nanocrystallites over the plasmonic photodegradation by Au nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2018 , 49, 1953-1960	2.3	7
193	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	5.6	6

- 192 Polymeric binuclear ruthenium complex as efficient electrocatalyst for oxygen evolution reaction. *Electrochimica Acta*, **2018**, 283, 18-26 6.7 9
- 191 Highly efficient method for production of radioactive silver seed cores for brachytherapy. *Applied Radiation and Isotopes*, **2017**, 120, 76-81 1.7 4
- 190 Catalytic Water-Oxidation Activity of a Weakly Coupled Binuclear Ruthenium Polypyridyl Complex. *European Journal of Inorganic Chemistry*, **2017**, 2017, 768-768 2.3 2
- 189 Lipophilic magnetite nanoparticles coated with stearic acid: A potential agent for friction and wear reduction. *Tribology International*, **2017**, 112, 10-19 4.9 19
- 188 Microwave assisted synthesis of a series of charge-transfer photosensitizers having quinoxaline-2(1H)-one as anchoring group onto TiO₂ surface. *Journal of Molecular Structure*, **2017**, 1133, 384-391 3.4 5
- 187 Electrostatic blocking barrier as an effective strategy to inhibit electron recombination in DSSCs. *Electrochimica Acta*, **2017**, 255, 92-98 6.7 13
- 186 A reliable protocol for colorimetric determination of iron oxide nanoparticle uptake by cells. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 6663-6675 4.4 12
- 185 Unexpected lability of the [Ru(phtpy)Cl] complex. *Dalton Transactions*, **2017**, 46, 15567-15572 4.3 7
- 184 Role of poly(β -caprolactone) lipid-core nanocapsules on melanoma-neutrophil crosstalk. *International Journal of Nanomedicine*, **2017**, 12, 7153-7163 7.3 7
- 183 Key role of surface concentration on reproducibility and optimization of SERS sensitivity. *Journal of Raman Spectroscopy*, **2017**, 48, 1190-1195 2.3 9
- 182 Nanostructured Alpha-NiCe Mixed Hydroxide for Highly Sensitive Amperometric Prednisone Sensors. *Electrochimica Acta*, **2017**, 247, 30-40 6.7 13
- 181 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 2.4 12
- 180 Direct synthesis of magnetite nanoparticles from iron(II) carboxymethylcellulose and their performance as NMR contrast agents. *Journal of Magnetism and Magnetic Materials*, **2016**, 397, 28-32 2.8 19
- 179 Enhanced Stability and Conductivity of Ni(OH)₂/Smectite Clay Composites. *Journal of the Electrochemical Society*, **2016**, 163, A2356-A2361 3.9 8
- 178 Design, syntheses, characterization, and cytotoxicity studies of novel heterobinuclear oxindolimine copper(II)-platinum(II) complexes. *Journal of Inorganic Biochemistry*, **2016**, 165, 108-118 4.2 9
- 177 Electrode materials based on NiCo(OH)₂ and rGO for high performance energy storage devices. *RSC Advances*, **2016**, 6, 102504-102512 3.7 24
- 176 Simultaneous determination of acetaminophen and tyrosine using a glassy carbon electrode modified with a tetra-ruthenated cobalt(II) porphyrin intercalated into a smectite clay. *Mikrochimica Acta*, **2016**, 183, 3243-3253 5.8 18
- 175 Development of a tetraphenylporphyrin cobalt (II) modified glassy carbon electrode to monitor oxygen consumption in biological samples. *Journal of Electroanalytical Chemistry*, **2016**, 775, 72-76 4.1 10

174	Bovine glutamate dehydrogenase immobilization on magnetic nanoparticles: conformational changes and catalysis. <i>RSC Advances</i> , 2016 , 6, 12977-12992	3.7	6
173	Enlightening the synergic effect of anatase/rutile mixtures in solar cells. <i>Electrochimica Acta</i> , 2016 , 188, 523-528	6.7	11
172	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	3.4	2
171	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	4.8	11
170	Novel therapeutic mechanisms determine the effectiveness of lipid-core nanocapsules on melanoma models. <i>International Journal of Nanomedicine</i> , 2016 , 11, 1261-79	7.3	11
169	CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. <i>Electrochimica Acta</i> , 2016 , 222, 1682-1690	6.7	15
168	Impact of nanoparticles preparation method on the synergic effect in anatase/rutile mixtures. <i>Electrochimica Acta</i> , 2016 , 222, 1378-1386	6.7	18
167	Transition from glass- to gel-like states in clay at a liquid interface. <i>Scientific Reports</i> , 2016 , 6, 37239	4.9	8
166	Dolomitized cells within chert of the Permian Assistência Formation, Paraná Basin, Brazil. <i>Sedimentary Geology</i> , 2016 , 335, 120-135	2.8	10
165	Supramolecular Hybrid Organic/Inorganic Nanomaterials Based on Metalloporphyrins and Phthalocyanines 2016 , 1-82		
164	Catalytic Water-Oxidation Activity of a Weakly Coupled Binuclear Ruthenium Polypyridyl Complex. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5547-5556	2.3	16
163	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	2.7	6
162	REPLY to Nanomedicine: NMB, 2015; 11:1035. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1036-7	6	
161	Unveiling the structure of polytetra-ruthenated nickel porphyrin by Raman spectroelectrochemistry. <i>Langmuir</i> , 2015 , 31, 4351-60	4	16
160	Surface enhanced Raman spectroelectrochemistry of a μ_3 -oxo triruthenium acetate cluster: an experimental and theoretical approach. <i>Inorganic Chemistry</i> , 2015 , 54, 9656-63	5.1	4
159	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	8.9	11
158	Pushing the surface-enhanced Raman scattering analyses sensitivity by magnetic concentration: a simple non core-shell approach. <i>Analytica Chimica Acta</i> , 2015 , 855, 70-5	6.6	23
157	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	3	13

156	Nanotechnology, Light and Chemical Action: an Effective Combination to Kill Cancer Cells. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	7
155	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, 4731-46	7.3	20
154	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	1.5	1
153	Encapsulation of metalloporphyrins improves their capacity to block the viability of the human malaria parasite Plasmodium falciparum. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 351-8	6	10
152	Strategies for development of antimalarials based on encapsulated porphyrin derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015 , 14, 1055-71	3.2	4
151	New composite porphyrin-conductive polymer gas sensors for application in electronic noses. <i>Sensors and Actuators B: Chemical</i> , 2014 , 193, 136-141	8.5	37
150	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	1	2
149	In vivo and in vitro toxicity and anti-inflammatory properties of gold nanoparticle bioconjugates to the vascular system. <i>Toxicological Sciences</i> , 2014 , 142, 497-507	4.4	50
148	Ruthenium Acetate Cluster Amphiphiles and Their Langmuir-Blodgett Films for Electrochromic Switching Devices. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 1150-1157	2.3	7
147	Silver recovery using electrochemically active magnetite coated carbon particles. <i>Hydrometallurgy</i> , 2014 , 147-148, 241-245	4	22
146	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	2.6	20
145	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	8.5	34
144	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	2.3	4
143	Gold nanoparticle modifies nitric oxide release and vasodilation in rat aorta. <i>Journal of Chemical Biology</i> , 2014 , 7, 57-65		11
142	Anisotropic magnetic carbon materials based on graphite and magnetite nanoparticles. <i>Carbon</i> , 2014 , 77, 600-606	10.4	6
141	How relevant can the SERS effect in isolated nanoparticles be?. <i>RSC Advances</i> , 2013 , 3, 24465	3.7	9
140	Thermodynamic stabilization of nanostructured alpha-Ni _{1-x} Cox(OH) ₂ for high efficiency batteries and devices. <i>RSC Advances</i> , 2013 , 3, 20261	3.7	10
139	New tunable ruthenium complex dyes for TiO ₂ solar cells. <i>Inorganica Chimica Acta</i> , 2013 , 404, 23-28	2.7	23

138	Nanostructured Alpha-Nickel Hydroxide Electrodes for High Performance Hydrogen Peroxide Sensing. <i>Electroanalysis</i> , 2013 , 25, 2060-2066	3	7
137	Effect of ethanol concentrations on few layer Schottky graphene transistors. <i>Journal of Physics: Conference Series</i> , 2013 , 421, 012005	0.3	
136	Control of cytolocalization and mechanism of cell death by encapsulation of a photosensitizer. <i>Journal of Biomedical Nanotechnology</i> , 2013 , 9, 1307-17	4	18
135	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, 726-32	3.9	5
134	Sevenfold enhancement on porphyrin dye efficiency by coordination of ruthenium polypyridine complexes. <i>Chemical Communications</i> , 2012 , 48, 6939-41	5.8	26
133	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, 8396-402	3.9	17
132	Electrochemically activated coordinative assembly of a triruthenium cluster metallopolymer. <i>Electrochimica Acta</i> , 2012 , 66, 287-294	6.7	8
131	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, The</i> , 2012 , 137, 4045-51	5.5	19
130	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, 3067-9	7.8	4
129	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	1.8	9
128	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	1.8	13
127	Magnetic nanohydrometallurgy: A promising nanotechnological approach for metal production and recovery using functionalized superparamagnetic nanoparticles. <i>Hydrometallurgy</i> , 2012 , 125-126, 148-151	4	18
126	Highly stabilized alpha-NiCo(OH) ₂ nanomaterials for high performance device application. <i>Journal of Power Sources</i> , 2012 , 218, 1-4	8.9	45
125	Graphene modification with gold nanoparticles using the gas aggregation technique. <i>Diamond and Related Materials</i> , 2012 , 23, 18-22	3.5	3
124	Resolution of isomeric multi-ruthenated porphyrins by travelling wave ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 263-8	2.2	18
123	Protomers: formation, separation and characterization via travelling wave ion mobility mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 712-9	2.2	83
122	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	2.9	10
121	Direct assembly of a metallodendrimer encompassing seven triruthenium clusters units. <i>Inorganica Chimica Acta</i> , 2012 , 390, 148-153	2.7	11

120	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	6	3
119	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	4.1	10
118	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	2.1	0
117	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	2.3	13
116	Supramolecular Approach to Gold Nanoparticle/Triruthenium Cluster Hybrid Materials and Interfaces. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1640-1648	2.3	12
115	Highly Sensitive Amperometric Glucose Sensors Based on Nanostructured $\text{Ni}(\text{OH})_2$ Electrodes. <i>Electroanalysis</i> , 2011 , 23, 2541-2548	3	56
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