

Koiti Araki

List of Publications by Year in descending order

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272
papers

6,677
citations

61857

43
h-index

110170

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.	2.9	9
3	New organic photosensitizers based on triphenylamine and hydantoin as anchoring group onto TiO ₂ Surface. Journal of Molecular Structure, 2022, 1251, 132072.	1.8	2
4	Fate of nickel in soybean seeds dressed with different forms of nickel. Rhizosphere, 2022, 21, 100464.	1.4	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.	5.2	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, , .	1.3	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.	2.1	13
8	Interplay of hetero-MN ₄ catalytic sites on graphene for efficient oxygen reduction reaction. Electrochimica Acta, 2022, 419, 140397.	2.6	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.	7.1	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.	2.0	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.	1.6	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.	1.7	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.	0.7	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.	2.0	8
15	Recent Progress in Core@Shell Sulfide Electrode Materials for Advanced Supercapacitor Devices. Batteries and Supercaps, 2021, 4, 1397-1427.	2.4	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.	1.8	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.	1.2	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.	1.7	8
20	Critical Parameters for Green Glycoluril Synthesis. <i>Russian Journal of General Chemistry</i> , 2021, 91, 739-742.	0.3	4
21	Self-Supported Smart Bacterial Nanocellulose-Phosphotungstic Acid Nanocomposites for Photochromic Applications. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	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.	1.7	3
23	Screen-printed Nickel-Cerium Hydroxide Sensor for Acetaminophen Determination in Body Fluids. <i>ChemElectroChem</i> , 2021, 8, 2505-2511.	1.7	5
24	Titanium and Iron Oxide Nanoparticles for Cancer Therapy: Surface Chemistry and Biological Implications. <i>Frontiers in Nanotechnology</i> , 2021, 3, .	2.4	8
25	SPION-decorated organofunctionalized MCM48 silica-based nanocomposites for magnetic solid-phase extraction. <i>Materials Advances</i> , 2021, 2, 963-973.	2.6	3
26	Silver Enhances Hematite Nanoparticles Based Ethanol Sensor Response and Selectivity at Room Temperature. <i>Sensors</i> , 2021, 21, 440.	2.1	13
27	Unmodified Clay Nanosheets at the Air-Water Interface. <i>Langmuir</i> , 2021, 37, 160-170.	1.6	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.	1.6	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.	2.6	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.	5.2	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.	2.5	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.	0.9	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.	1.4	7
34	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.	1.5	3
35	Orange-Emitting ZnSe:Mn ²⁺ Quantum Dots as Nanoprobes for Macrophages. <i>ACS Applied Nano Materials</i> , 2020, 3, 10399-10410.	2.4	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.	1.7	8

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37	Superparamagnetic iron oxide nanoparticles (SPIONs) conjugated with lipase <i>Candida antarctica</i> A for biodiesel synthesis. <i>RSC Advances</i> , 2020, 10, 38490-38496.	1.7	16
38	1,3,4-Oxadiazole based ruthenium amphiphile for Langmuir-Blodgett films and photo-responsive logic gate construction. <i>Electrochimica Acta</i> , 2020, 350, 136350.	2.6	2
39	Porphyrin Derivative Nanoformulations for Therapy and Antiparasitic Agents. <i>Molecules</i> , 2020, 25, 2080.	1.7	28
40	Uric acid electrochemical sensing in biofluids based on Ni/Zn hydroxide nanocatalyst. <i>Mikrochimica Acta</i> , 2020, 187, 379.	2.5	28
41	Ni-based double hydroxides as electrocatalysts in chemical sensors: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 126, 115859.	5.8	21
42	Recent advances in ternary layered double hydroxide electrocatalysts for the oxygen evolution reaction. <i>New Journal of Chemistry</i> , 2020, 44, 9981-9997.	1.4	76
43	Trimetallic oxides/hydroxides as hybrid supercapacitor electrode materials: a review. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10534-10570.	5.2	151
44	Lamellar FeO _c Pc@Ni/GO Composite-Based Enzymeless Glucose Sensor. <i>ChemElectroChem</i> , 2020, 7, 2553-2563.	1.7	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-Triruthenium Acetate Cluster Complex. <i>Inorganic Chemistry</i> , 2019, 58, 10399-10407.	1.9	3
47	Efficient and methanol resistant noble metal free electrocatalyst for tetraelectronic oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019, 326, 134984.	2.6	14
48	Photobleaching Efficiency Parallels the Enhancement of Membrane Damage for Porphyrazine Photosensitizers. <i>Journal of the American Chemical Society</i> , 2019, 141, 15547-15556.	6.6	57
49	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.	1.3	22
50	Nanoporous gold-based dopamine sensor with sensitivity boosted by interferant ascorbic acid. <i>Electrochimica Acta</i> , 2019, 322, 134772.	2.6	17
51	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.	2.6	25
52	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.	1.6	6
53	Efficient Cr(VI) removal from wastewater by activated carbon superparamagnetic composites. <i>Microchemical Journal</i> , 2019, 149, 104025.	2.3	20
54	Direct effects of poly(μ -caprolactone) lipid-core nanocapsules on human immune cells. <i>Nanomedicine</i> , 2019, 14, 1429-1442.	1.7	12

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55	Electrocatalytic materials design for oxygen evolution reaction. <i>Advances in Inorganic Chemistry</i> , 2019, , 241-303.	0.4	14
56	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.	2.1	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.	0.8	13
58	Tuning Selectivity and Sensitivity of Mixed polymeric Tetra-ruthenated Metalloporphyrins Modified Electrodes as Voltammetric Sensors of Chloramphenicol. <i>Electroanalysis</i> , 2019, 31, 688-694.	1.5	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.	2.7	13
60	Enhancement of Stability and Specific Charge Capacity of α -Ni(OH) ₂ by Mn(II) Isomorphic Substitution. <i>Energy Technology</i> , 2019, 7, 1800980.	1.8	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.	4.0	55
62	Synergic effects enhance the catalytic properties of α -Ni(OH) ₂ -FeOCPc@rGO composite for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 267, 161-169.	2.6	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.	1.7	29
64	Fast and reliable BIA/amperometric quantification of acetylcysteine using a nanostructured double hydroxide sensor. <i>Talanta</i> , 2018, 186, 354-361.	2.9	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.	2.4	5
66	Unexpected Stabilization of α -Ni(OH) ₂ Nanoparticles in GO Nanocomposites. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-13.	1.5	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.	1.2	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.	2.4	9
69	Polymeric binuclear ruthenium complex as efficient electrocatalyst for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 283, 18-26.	2.6	12
70	Antibacterial effects and cytotoxicity of an adhesive containing low concentration of silver nanoparticles. <i>Journal of Dentistry</i> , 2018, 77, 66-71.	1.7	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.	0.7	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.	2.0	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.	1.6	30
74	Highly efficient method for production of radioactive silver seed cores for brachytherapy. Applied Radiation and Isotopes, 2017, 120, 76-81.	0.7	6
75	Catalytic Water-Oxidation Activity of a Weakly Coupled Binuclear Ruthenium Polypyridyl Complex. European Journal of Inorganic Chemistry, 2017, 2017, 768-768.	1.0	2
76	Lipophilic magnetite nanoparticles coated with stearic acid: A potential agent for friction and wear reduction. Tribology International, 2017, 112, 10-19.	3.0	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.	1.8	7
78	Electrostatic blocking barrier as an effective strategy to inhibit electron recombination in DSSCs. Electrochimica Acta, 2017, 255, 92-98.	2.6	18
79	A reliable protocol for colorimetric determination of iron oxide nanoparticle uptake by cells. Analytical and Bioanalytical Chemistry, 2017, 409, 6663-6675.	1.9	14
80	Unexpected lability of the [Ru ^{III} (phtpy)Cl ₃] complex. Dalton Transactions, 2017, 46, 15567-15572.	1.6	9
81	Key role of surface concentration on reproducibility and optimization of SERS sensitivity. Journal of Raman Spectroscopy, 2017, 48, 1190-1195.	1.2	11
82	Nanostructured Alpha-NiCe Mixed Hydroxide for Highly Sensitive Amperometric Prednisone Sensors. Electrochimica Acta, 2017, 247, 30-40.	2.6	19
83	Gold Nanohole Arrays Fabricated by Interference Lithography Technique as SERS Probes for Chemical Species Such As Rhodamine 6G and 4-Å ² -Bipyridine. Plasmonics, 2017, 12, 1015-1020.	1.8	15
84	Role of poly(ε-caprolactone) lipid-core nanocapsules on melanoma–neutrophil crosstalk. International Journal of Nanomedicine, 2017, Volume 12, 7153-7163.	3.3	11
85	Novel therapeutic mechanisms determine the effectiveness of lipid-core nanocapsules on melanoma models. International Journal of Nanomedicine, 2016, 11, 1261.	3.3	13
86	CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. Electrochimica Acta, 2016, 222, 1682-1690.	2.6	19
87	Impact of nanoparticles preparation method on the synergic effect in anatase/rutile mixtures. Electrochimica Acta, 2016, 222, 1378-1386.	2.6	22
88	Transition from glass- to gel-like states in clay at a liquid interface. Scientific Reports, 2016, 6, 37239.	1.6	11
89	Dolomitized cells within chert of the Permian AssistÃancia Formation, ParanÃ; Basin, Brazil. Sedimentary Geology, 2016, 335, 120-135.	1.0	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.	1.0	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.	1.2	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.	1.3	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.	1.5	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.	1.7	28
96	Simultaneous determination of acetaminophen and tyrosine using a glassy carbon electrode modified with a tetraruthenated cobalt(II) porphyrin intercalated into a smectite clay. <i>Mikrochimica Acta</i> , 2016, 183, 3243-3253.	2.5	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.	1.9	11
98	Bovine glutamate dehydrogenase immobilization on magnetic nanoparticles: conformational changes and catalysis. <i>RSC Advances</i> , 2016, 6, 12977-12992.	1.7	7
99	Enlightening the synergic effect of anatase/rutile mixtures in solar cells. <i>Electrochimica Acta</i> , 2016, 188, 523-528.	2.6	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.	1.8	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.	1.9	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.	1.0	22
103	Amperometric Folic Acid Quantification Using a Supramolecular Tetraruthenated Nickel Porphyrin Peroxo-Bridged Matrix Modified Electrode Associated to Batch Injection Analysis. <i>Electroanalysis</i> , 2015, 27, 2322-2328.	1.5	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.	3.3	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.	0.1	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.	1.7	17
108	REPLY to <i>Nanomedicine: NMB</i> , 2015; 11:1035. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1036-1037.	1.7	0

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109	Unveiling the Structure of Polytetraruthenated Nickel Porphyrin by Raman Spectroelectrochemistry. <i>Langmuir</i> , 2015, 31, 4351-4360.	1.6	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.	1.9	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.	4.0	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.	2.6	24
113	Strategies for Development of Antimalarials Based on Encapsulated Porphyrin Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 14, 1055-1071.	1.1	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.	4.0	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.	0.3	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.	1.4	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.	1.0	9
118	Silver recovery using electrochemically active magnetite coated carbon particles. <i>Hydrometallurgy</i> , 2014, 147-148, 241-245.	1.8	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.	1.2	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.	4.0	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.	1.2	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.	5.4	6
124	How relevant can the SERS effect in isolated nanoparticles be?. <i>RSC Advances</i> , 2013, 3, 24465.	1.7	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.	1.7	10
126	New tunable ruthenium complex dyes for TiO ₂ solar cells. <i>Inorganica Chimica Acta</i> , 2013, 404, 23-28.	1.2	27

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127	Nanostructured Alpha-Nickel Hydroxide Electrodes for High Performance Hydrogen Peroxide Sensing. <i>Electroanalysis</i> , 2013, 25, 2060-2066.	1.5	7
128	Effect of ethanol concentrations on few layer Schottky graphene transistors. <i>Journal of Physics: Conference Series</i> , 2013, 421, 012005.	0.3	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.	0.5	18
130	Sevenfold enhancement on porphyrin dye efficiency by coordination of ruthenium polypyridine complexes. <i>Chemical Communications</i> , 2012, 48, 6939.	2.2	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.	1.5	20
132	Electrochemically activated coordinative assembly of a triruthenium cluster metallopolymer. <i>Electrochimica Acta</i> , 2012, 66, 287-294.	2.6	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.	1.7	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.	3.2	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.	0.4	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.	0.4	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.	1.8	26
138	Highly stabilized alpha-NiCo(OH) ₂ nanomaterials for high performance device application. <i>Journal of Power Sources</i> , 2012, 218, 1-4.	4.0	48
139	Graphene modification with gold nanoparticles using the gas aggregation technique. <i>Diamond and Related Materials</i> , 2012, 23, 18-22.	1.8	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.	0.7	18
141	Protomers: formation, separation and characterization via travelling wave ion mobility mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 712-719.	0.7	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.	1.3	12
143	Direct assembly of a metallodendrimer encompassing seven triruthenium clusters units. <i>Inorganica Chimica Acta</i> , 2012, 390, 148-153.	1.2	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.	2.5	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.	1.6	5
146	N3-Dye-Induced Visible Laser Anatase-to-Rutile Phase Transition on Mesoporous TiO ₂ Films. <i>Langmuir</i> , 2011, 27, 9094-9099.	1.6	15
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