

Munetaka Oyama

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.

220
papers

7,001
citations

47
h-index

75
g-index

222
ext. papers

7,462
ext. citations

4.4
avg, IF

5.96
L-index

#	Paper	IF	Citations
220	Simple Portable Voltammetric Sensor Using Anodized Screen-Printed Graphene Electrode for the Quantitative Analysis of -Hydroxybenzoic Acid in Cosmetics.. <i>ACS Omega</i> , 2022 , 7, 16116-16126	3.9	1
219	Carbon Nanofiber and Poly[2-(methacryloyloxy) ethyl] Trimethylammonium Chloride Composite as a New Benchmark Carbon-based Electrocatalyst for Sulfide Oxidation. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1570-1583	4.5	6
218	Codeposition of Platinum and Gold on Nickel Wire Electrodes via Galvanic Replacement Reactions for Electrocatalytic Oxidation of Alcohols. <i>ACS Omega</i> , 2021 , 6, 18395-18403	3.9	0
217	Metal-organic framework-5 as a novel phosphorescent probe for the highly selective and sensitive detection of Pb(II) in mussels. <i>Sensors and Actuators B: Chemical</i> , 2020 , 308, 127733	8.5	8
216	Citrate-driven modification of gold on titanium wire electrodes by the treatment in aqueous solutions of H ₂ AuCl ₄ . <i>Journal of Electroanalytical Chemistry</i> , 2020 , 872, 113991	4.1	2
215	Codeposition of Palladium and Gold on Nickel Wire Electrodes via Galvanic Replacement Reactions for Ethanol Oxidation. <i>ACS Applied Energy Materials</i> , 2020 , 3, 7083-7090	6.1	2
214	Preparation and Characterization of Biant Leaves-derived Nitrogen-doped Carbon and its Use as an Electrocatalyst for Detecting Ketoconazole. <i>Electroanalysis</i> , 2020 , 32, 528-535	3	5
213	Surface functionalization by silver-containing molecules with controlled distribution of functionalities. <i>Applied Surface Science</i> , 2019 , 481, 433-436	6.7	6
212	Palladium Deposition on Nickel Wire Electrodes by a Galvanic Replacement Reaction. <i>ACS Applied Energy Materials</i> , 2019 , 2, 2337-2343	6.1	7
211	Palladium Deposition on Nickel Microparticles by a Galvanic Replacement Reaction for Electrocatalytic Oxidation of Ethanol. <i>ACS Applied Energy Materials</i> , 2019 , 2, 6023-6030	6.1	4
210	Electrochemical Determination of Diacerein, An Anti-Osteoarthritis Drug at Unmodified Pyrolytic Graphite Surface. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B1695-B1700	3.9	3
209	Thermal impact on (001) faceted anatase TiO ₂ microtablets and nanowalls's lattices and its effect on the photon to current conversion efficiency. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 127, 213-223	3.9	4
208	Two-Dimensional, Hierarchical Ag-Doped TiO Nanocatalysts: Effect of the Metal Oxidation State on the Photocatalytic Properties. <i>ACS Omega</i> , 2018 , 3, 2579-2587	3.9	36
207	Preparation of Gold Modified Nickel Wire Electrodes for Electroanalysis via a Galvanic Replacement Reaction. <i>Electroanalysis</i> , 2018 , 30, 1370-1377	3	7
206	Perovskite-sensitized solar cells-based Ga ₂ TiO ₂ nanodiatom-like photoanode: the improvement of performance by perovskite crystallinity refinement. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	6
205	Advances in porous and high-energy (001)-faceted anatase TiO ₂ nanostructures. <i>Optical Materials</i> , 2018 , 75, 390-430	3.3	21
204	Hierarchical Bimetallic AgPt Nanoferns as High-Performance Catalysts for Selective Acetone Hydrogenation to Isopropanol. <i>ACS Omega</i> , 2018 , 3, 11526-11536	3.9	10

203	Preparation of Indium Tin Oxide Nanoparticle-modified 3-Aminopropyltrimethoxysilane-functionalized Indium Tin Oxide Electrode for Electrochemical Sulfide Detection. <i>Electroanalysis</i> , 2017 , 29, 1683-1690	3	12
202	Hydrothermal synthesis of tin-doped indium oxide nanoparticles using pamoic acid as an organic additive and their photoluminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 3226-3233	2.1	5
201	Electrocatalytic Properties of a Gold Nanoseed Particle-modified Indium Tin Oxide Electrode: Comparison of the Shape and Preparation Methods. <i>Electroanalysis</i> , 2016 , 28, 1119-1125	3	6
200	A highly selective melamine sensor relying on intensified electrochemiluminescence of the silica nanoparticles doped with [Ru(bpy) ₃] ²⁺ /molecularly imprinted polymer modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2016 , 236, 614-620	8.5	26
199	Preparation and Electrochemical Properties of a Gallium-Doped Zinc Oxide Electrode Decorated with Densely Gathered Palladium Nanoparticles. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H24-H29	3.9	5
198	Enhanced thermoelectric properties of bismuth telluride/organic hybrid films via graphene doping. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	7
197	Electrochemical investigations of 8-hydroxydeoxyguanosine and its determination at an edge plane pyrolytic graphite electrode. <i>RSC Advances</i> , 2016 , 6, 1722-1728	3.7	15
196	Fibrous AuPt bimetallic nanocatalyst with enhanced catalytic performance. <i>RSC Advances</i> , 2016 , 6, 27696-27705	5.4	5
195	Fibrous platinum nanocubes modified indium tin oxide electrodes for effective electrooxidation of alcohols and sensitive detection of hydrazine. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 779, 156-160	4.1	5
194	Electrochemical Investigation of Metal Oxide Conducting Electrodes for Direct Detection of Sulfide. <i>Electroanalysis</i> , 2015 , 27, 1268-1275	3	23
193	Influence of Al-doped ZnO and Ga-doped ZnO substrates on third harmonic generation of gold nanoparticles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015 , 71, 91-95	3	8
192	Synthesis of amorphous platinum nanofibers directly on an ITO substrate and its heterogeneous catalytic hydrogenation characterization. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 7776-85	9.5	16
191	Size-controlled preparation of fluorescent gold nanoparticles using pamoic acid. <i>Gold Bulletin</i> , 2015 , 48, 85-92	1.6	14
190	Electrochemical Properties of a Gold Nanoseed Particle-Attached Nickel Electrode. <i>Electroanalysis</i> , 2015 , 27, 964-969	3	1
189	BiB ₃ O ₆ :Pr ³⁺ : polymer nanocomposites deposited on substrates with silver nanoparticles for nonlinear optics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7134-7139	2.1	2
188	Synthesis of highly dispersed Pt nanoclusters anchored graphene composites and their application for non-enzymatic glucose sensing. <i>Electrochimica Acta</i> , 2015 , 157, 149-157	6.7	99
187	AuPd bimetallic nanoparticles decorated on graphene nanosheets: their green synthesis, growth mechanism and high catalytic ability in 4-nitrophenol reduction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5668-5674	13	151
186	Preparation of monodispersed carboxylate-functionalized gold nanoparticles using pamoic acid as a reducing and capping reagent. <i>Gold Bulletin</i> , 2014 , 47, 127-132	1.6	19

185	Advances in enzyme-free electrochemical sensors for hydrogen peroxide, glucose, and uric acid. <i>Mikrochimica Acta</i> , 2014 , 181, 689-705	5.8	268
184	Laser stimulated electrooptics in the Ag ₂ ZnO nanorods. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014 , 61, 23-27	3	12
183	Au nanoparticles on citrate-functionalized graphene nanosheets with a high peroxidase-like performance. <i>Dalton Transactions</i> , 2014 , 43, 7449-54	4.3	72
182	PtPd nanodendrites supported on graphene nanosheets: A peroxidase-like catalyst for colorimetric detection of H ₂ O ₂ . <i>Sensors and Actuators B: Chemical</i> , 2014 , 201, 286-292	8.5	88
181	Green synthesis of graphenePtPd alloy nanoparticles with high electrocatalytic performance for ethanol oxidation. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 315-320	13	116
180	Nonenzymatic sensing of glucose at neutral pH values using a glassy carbon electrode modified with graphene nanosheets and Pt-Pd bimetallic nanocubes. <i>Mikrochimica Acta</i> , 2014 , 181, 783-789	5.8	50
179	ZnO nanocubes with (101) basal plane photocatalyst prepared via a low-frequency ultrasonic assisted hydrolysis process. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 754-60	8.9	43
178	Laser stimulated light reflection reduction for silver nanoparticle-attached aluminum-doped zinc oxide substrate. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014 , 56, 283-287	3	1
177	Gold nanoparticles directly modified glassy carbon electrode for non-enzymatic detection of glucose. <i>Applied Surface Science</i> , 2014 , 288, 524-529	6.7	106
176	Poriferous microtablet of anatase TiO ₂ growth on an ITO surface for high-efficiency dye-sensitized solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 122, 174-182	6.4	34
175	Porous (001)-faceted Zn-doped anatase TiO ₂ nanowalls and their heterogeneous photocatalytic characterization. <i>RSC Advances</i> , 2014 , 4, 57054-57063	3.7	23
174	A Biocompatible Nano Gold Modified Palladium Sensor for Determination of Dopamine in Biological Fluids. <i>Journal of the Electrochemical Society</i> , 2014 , 161, H41-H46	3.9	15
173	Nanomaterials in Electrochemical Biosensor. <i>Advanced Materials Research</i> , 2014 , 995, 125-143	0.5	6
172	Pharmacokinetics and preventive effects of platinum nanoparticles as reactive oxygen species scavengers on hepatic ischemia/reperfusion injury in mice. <i>Metallomics</i> , 2014 , 6, 1050-6	4.5	37
171	Highly-reactive AgPt nanofern composed of {001}-faceted nanopyramidal spikes for enhanced heterogeneous photocatalysis application. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 17655-17665	13	33
170	Nonlinear optical features of BiB ₃ O ₆ /PVA polymer nanocomposites deposited on aluminum-doped zinc oxide substrates containing Ag nanoparticles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014 , 64, 1-6	3	11
169	Ag-ZnO nanoreactor grown on FTO substrate exhibiting high heterogeneous photocatalytic efficiency. <i>ACS Combinatorial Science</i> , 2014 , 16, 314-20	3.9	33
168	Role of Au nanoparticle aggregation in laser induced anisotropy of ITO transparent substrates. <i>Journal of Alloys and Compounds</i> , 2014 , 585, 393-397	5.7	1

167	Recent nanoarchitectures in metal nanoparticle-graphene nanocomposite modified electrodes for electroanalysis. <i>Analytical Sciences</i> , 2014 , 30, 529-38	1.7	10
166	Synthesis of Palladium Nanoparticles on Citrate-functionalized Graphene Oxide with High Catalytic Activity for 4-Nitrophenol Reduction. <i>Chemistry Letters</i> , 2014 , 43, 919-921	1.7	10
165	Facile and Rapid Synthesis of Ultrafine PtPd Bimetallic Nanoparticles and Their High Performance toward Methanol Electrooxidation. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-7	3.2	6
164	Synthesis of bimetallic PtPd nanocubes on graphene with N,N-dimethylformamide and their direct use for methanol electrocatalytic oxidation. <i>Carbon</i> , 2014 , 66, 387-394	10.4	67
163	Synthesis of PtPd bimetallic nanoparticles anchored on graphene for highly active methanol electro-oxidation. <i>Journal of Power Sources</i> , 2014 , 262, 279-285	8.9	94
162	Graphene modified Palladium sensor for electrochemical analysis of norepinephrine in pharmaceuticals and biological fluids. <i>Electrochimica Acta</i> , 2014 , 125, 622-629	6.7	64
161	Thermal-driven attachment of gold nanoparticles prepared with ascorbic acid onto indium tin oxide surfaces. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	4
160	High-performance aqueous asymmetric electrochemical capacitors based on graphene oxide/cobalt(II)-tetrapyrazinoporphyrazine hybrids. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 2821	13	36
159	Photoinduced enhancement of optical second harmonic generation in LiB3O5 nanocrystallites embedded between the Ag/ITO electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 4204-4208	2.1	1
158	Manganese oxide/graphene oxide composites for high-energy aqueous asymmetric electrochemical capacitors. <i>Electrochimica Acta</i> , 2013 , 110, 228-233	6.7	77
157	Efficient heterogeneous catalytic hydrogenation of acetone to isopropanol on semihollow and porous palladium nanocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 9843-9	9.5	43
156	Facile synthesis of palladium-graphene nanocomposites and their catalysis for electro-oxidation of methanol and ethanol. <i>Electrochimica Acta</i> , 2013 , 109, 570-576	6.7	65
155	Fibrous, ultra-small nanorod-constructed platinum nanocubes directly grown on the ITO substrate and their heterogeneous catalysis application. <i>RSC Advances</i> , 2013 , 3, 19789	3.7	24
154	Preparation of grass-like TiO ₂ nanostructure thin films: Effect of growth temperature. <i>Applied Surface Science</i> , 2013 , 270, 109-114	6.7	24
153	Ultrafine palladium nanoparticles grown on graphene nanosheets for enhanced electrochemical sensing of hydrogen peroxide. <i>Electrochimica Acta</i> , 2013 , 97, 398-403	6.7	94
152	Gold nanoparticles deposited on fluorine-doped tin oxide substrates as materials for laser operated optoelectronic devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 2422-2425 ²⁻¹		4
151	Non-enzymatic oxalic acid sensor using platinum nanoparticles modified on graphene nanosheets. <i>Nanoscale</i> , 2013 , 5, 5779-83	7.7	29
150	Electrocatalytic oxidation of water observed on a nano-gold/palladium electrode. <i>Chemical Communications</i> , 2013 , 49, 5228-30	5.8	5

149	Indirect Modification of Glassy Carbon with Gold Nanoparticles Using Nonconducting Support Materials. <i>Electroanalysis</i> , 2013 , 25, 975-982	3	6
148	Formation of a Multi-Arm Branched Nanorod of ZnO on the Si Surface via a Nanoseed-Induced Polytypic Crystal Growth Using the Hydrothermal Method. <i>Science of Advanced Materials</i> , 2013 , 5, 803-809 ³	2.3	12
147	Pump-probe third harmonic generation kinetics of gold nanoparticle-attached aluminum-doped zinc oxide substrate. <i>Materials Letters</i> , 2012 , 74, 226-228	3.3	7
146	Fluorescent and nonlinear optical features of CdTe quantum dots. <i>Journal of Materials Science: Materials in Electronics</i> , 2012 , 23, 546-550	2.1	19
145	Silver nanocombs and branched nanowires formation in aqueous binary surfactants solution. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	2
144	"ON-OFF" switching of europium complex luminescence coupled with a ligand redox process. <i>Chemical Communications</i> , 2012 , 48, 4082-4	5.8	43
143	Laser stimulated optical features of gold nanoparticles attached on ITO substrate. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012 , 44, 1182-1188	3	6
142	XPS study of silver, nickel and bimetallic silver/nickel nanoparticles prepared by seed-mediated growth. <i>Applied Surface Science</i> , 2012 , 258, 8807-8813	6.7	362
141	Gold nanonetwork film on the ITO surface exhibiting one-dimensional optical properties. <i>Nanoscale Research Letters</i> , 2012 , 7, 252	5	6
140	Efficient and clean synthesis of graphene supported platinum nanoclusters and its application in direct methanol fuel cell. <i>Electrochimica Acta</i> , 2012 , 85, 84-89	6.7	49
139	Detection of formaldehyde in water: a shape-effect on the plasmonic sensing properties of the gold nanoparticles. <i>Sensors</i> , 2012 , 12, 10309-25	3.8	27
138	An approach to surface functionalization of indium tin oxide for regular growth of silver nano-particles and their optical features. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 2631-2638	5.7	20
137	Photoinduced absorption of Ag nanoparticles deposited on ITO substrate. <i>Journal of Alloys and Compounds</i> , 2011 , 509, S424-S426	5.7	17
136	Nanoscale synthesis and optical features of metallic nickel nanoparticles by wet chemical approaches. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5882-5886	5.7	35
135	Kinetics of picosecond laser treatment of silver nanoparticles on ITO substrate. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 9663-9668	5.7	4
134	Effect of surface modification of indium tin oxide by nanoparticles on the electrochemical determination of tryptophan. <i>Talanta</i> , 2011 , 85, 2626-31	6.2	47
133	Tuning of nanostructures of gold nanoparticles on indium tin oxide surfaces using a seed-mediated growth method. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 656, 264-268	4.1	7
132	Optical features of the gold nanoparticles deposited on ITO substrates. <i>Optics Communications</i> , 2011 , 284, 245-248	2	8

131	A simple route to vertical array of quasi-1D ZnO nanofilms on FTO surfaces: 1D-crystal growth of nanoseeds under ammonia-assisted hydrolysis process. <i>Nanoscale Research Letters</i> , 2011 , 6, 564	5	15
130	Effect of gold nanoparticle attached multi-walled carbon nanotube-layered indium tin oxide in monitoring the effect of paracetamol on the release of epinephrine. <i>Analytica Chimica Acta</i> , 2011 , 693, 35-40	6.6	22
129	Paper supports in electrocatalysis: Weak contact catalysis with seed-mediated grown gold nanoparticle deposits. <i>Electrochemistry Communications</i> , 2011 , 13, 68-71	5.1	4
128	Nanogold based electrochemical sensor for determination of norepinephrine in biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2011 , 153, 232-238	8.5	37
127	Plasmonic Responses of Gold Nanoparticles on Organic Vapor: Shape Effect. <i>Materials Science Forum</i> , 2010 , 663-665, 956-960	0.4	
126	Formation of Highly Thin, Electron-Transparent Gold Nanoplates from Nanoseeds in Ternary Mixtures of Cetyltrimethylammonium Bromide, Poly(vinyl pyrrolidone), and Poly(ethylene glycol). <i>Crystal Growth and Design</i> , 2010 , 10, 3694-3698	3.5	29
125	Heterogeneous electron transfer kinetics and electrocatalytic behaviour of mixed self-assembled ferrocenes and SWCNT layers. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 604-13	3.6	71
124	Bright Photoluminescence of CdTe Quantum Dots Formed in Phosponic-Oleic Acids Binary Surfactants. <i>Materials Science Forum</i> , 2010 , 663-665, 25-28	0.4	1
123	Localized surface plasmon resonance sensing properties of photocatalytically prepared Ag/TiO ₂ films. <i>Journal of Materials Research</i> , 2010 , 25, 117-123	2.5	4
122	Recent nanoarchitectures in metal nanoparticle-modified electrodes for electroanalysis. <i>Analytical Sciences</i> , 2010 , 26, 1-12	1.7	75
121	A novel electrochemiluminescence sensor based on bis(2,2'-bipyridine)-5-amino-1,10-phenanthroline ruthenium(II) covalently combined with graphite oxide. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 872-6	11.8	26
120	Nonenzymatic amperometric sensing of glucose by using palladium nanoparticles supported on functional carbon nanotubes. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1803-8	11.8	141
119	Physical, electrochemical and supercapacitive properties of activated carbon pellets from pre-carbonized rubber wood sawdust by CO ₂ activation. <i>Current Applied Physics</i> , 2010 , 10, 1071-1075	2.6	63
118	Laser treatment of seed-mediated nanostructured silver film morphology. <i>Materials Chemistry and Physics</i> , 2009 , 113, 187-191	4.4	6
117	Fullerene C ₆₀ modified gold electrode and nanogold modified indium tin oxide electrode for prednisolone determination. <i>Bioelectrochemistry</i> , 2009 , 74, 272-7	5.6	27
116	Comparison of spherical nanogold particles and nanogold plates for the oxidation of dopamine and ascorbic acid. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 631, 58-61	4.1	40
115	Effects of linker molecules on the attachment and growth of gold nanoparticles on indium tin oxide surfaces. <i>Electrochimica Acta</i> , 2009 , 54, 5042-5047	6.7	31
114	Laser induced microrelief superstructure of Ag/ITO seed-mediated nanocomposites. <i>Superlattices and Microstructures</i> , 2009 , 46, 637-644	2.8	11

113	Amine-based organic high-spin systems; a room-temperature-stable one-dimensional oligoaryl triamine-based trication. <i>Polyhedron</i> , 2009 , 28, 1883-1887	2.7	
112	Synthesis and properties of a redox active starburst ligand with three bispicorylamino groups and its trinuclear complexes. <i>Polyhedron</i> , 2009 , 28, 1935-1939	2.7	2
111	Organic high-spin systems: Synthesis, electrochemical and spectroscopic studies of extended tetraaryl m-phenylenediamines. <i>Polyhedron</i> , 2009 , 28, 1764-1767	2.7	1
110	Formation of High-Yield Gold Nanoplates on the Surface: Effective Two-Dimensional Crystal Growth of Nanoseed in the Presence of Poly(vinylpyrrolidone) and Cetyltrimethylammonium Bromide. <i>Crystal Growth and Design</i> , 2009 , 9, 2835-2840	3.5	48
109	The Influence of Gold Nanoparticles on Simultaneous Determination of Uric Acid and Ascorbic Acid. <i>Analytical Letters</i> , 2009 , 43, 22-33	2.2	13
108	Fabrication of a colorimetric electrochemiluminescence sensor. <i>Analytical Chemistry</i> , 2009 , 81, 830-3	7.8	51
107	Surface observation for seed-mediated growth attachment of gold nanoparticles on a glassy carbon substrate. <i>Analytical Sciences</i> , 2009 , 25, 249-53	1.7	9
106	Electrochemiluminescence of luminol on a platinum-nanoparticle-modified indium tin oxide electrode in neutral aqueous solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 2413-20	1.3	17
105	Non-Linear Optical Effects in Au Nanoparticle-Deposited ZnO Nanocrystalline Films. <i>Journal of Nano Research</i> , 2008 , 2, 31-38	1	4
104	Second-order optical effects in seed-mediated grown palladium nanoparticles. <i>Journal of Modern Optics</i> , 2008 , 55, 187-196	1.1	1
103	Second order optical effects in Au nanoparticle-deposited ZnO nanocrystallite films. <i>Nanotechnology</i> , 2008 , 19, 185709	3.4	87
102	The Initial Transformation Mechanism of Gold Seeds on Indium Tin Oxide Surfaces. <i>Crystal Growth and Design</i> , 2008 , 8, 863-868	3.5	12
101	Synthesis of Palladium Nanobricks with Atomic-Step Defects. <i>Crystal Growth and Design</i> , 2008 , 8, 1808-1811	3.1	30
100	Tunable electrochemical properties of liquid phase deposited TiO ₂ films. <i>Journal of Applied Electrochemistry</i> , 2008 , 38, 1421-1426	2.6	9
99	Formation of the micro-sized grains under influence of the nanosecond laser pulses. <i>Journal of Materials Science</i> , 2008 , 43, 3441-3446	4.3	4
98	Functionalized multiwall carbon nanotubes combined with bis(2,2'-bipyridine)-5-amino-1,10-phenanthroline ruthenium(II) as an electrochemiluminescence sensor. <i>Sensors and Actuators B: Chemical</i> , 2008 , 129, 758-763	8.5	51
97	Sensors for 5-hydroxytryptamine and 5-hydroxyindole acetic acid based on nanomaterial modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2008 , 134, 816-821	8.5	171
96	Photo-conversion and evolution of one-dimensional Cu nanoparticles under femtosecond laser irradiation. <i>Applied Surface Science</i> , 2008 , 254, 4992-4998	6.7	10

95	Electrocatalytic evaluation of liquid phase deposited methylene blue/TiO ₂ hybrid films. <i>Electrochemistry Communications</i> , 2008 , 10, 1038-1040	5.1	15
94	Acoustically induced light gyration in nickel nanoparticles. <i>Optics and Laser Technology</i> , 2008 , 40, 499-504.	4.2	1
93	A Seed-Mediated Growth Method for Vertical Array of Single-Crystalline CuO Nanowires on Surfaces. <i>Crystal Growth and Design</i> , 2007 , 7, 2404-2409	3.5	52
92	Simultaneous Determination of Adenosine and Adenosine-5'-triphosphate at Nanogold Modified Indium Tin Oxide Electrode by Osteryoung Square-Wave Voltammetry. <i>Electroanalysis</i> , 2007 , 19, 575-583	3	24
91	Effects of Capping Reagents on the Electron Transfer Reactions on Gold Nanoparticle-Attached Indium Tin Oxide Electrodes. <i>Electroanalysis</i> , 2007 , 19, 847-852	3	12
90	Platinum nano-cluster thin film formed on glassy carbon and the application for methanol oxidation. <i>Thin Solid Films</i> , 2007 , 515, 3311-3314	2.2	20
89	Electrocatalytic oxidation of nitric oxide at TiO ₂ /Au nanocomposite film electrodes. <i>Electrochemistry Communications</i> , 2007 , 9, 436-442	5.1	61
88	Simultaneous determination of guanosine and guanosine-5'-triphosphate in biological sample using gold nanoparticles modified indium tin oxide electrode. <i>Analytica Chimica Acta</i> , 2007 , 581, 32-6	6.6	29
87	Facile synthesis of monodisperse palladium nanocubes and the characteristics of self-assembly. <i>Acta Materialia</i> , 2007 , 55, 3453-3456	8.4	31
86	Electrocatalytic activity of three-dimensional monolayer of 3-mercaptopropionic acid assembled on gold nanoparticle arrays. <i>Electrochemistry Communications</i> , 2007 , 9, 459-464	5.1	57
85	Amine-based organic high-spin systems: Synthesis, electrochemical and spectroscopic studies of polyalkylated one-dimensional oligoaryl triamines. <i>Polyhedron</i> , 2007 , 26, 2008-2012	2.7	4
84	Synthesis and properties of a redox active ligand with bispicorylamino groups and its dinuclear complex. <i>Polyhedron</i> , 2007 , 26, 2174-2178	2.7	5
83	Determination of methylprednisolone acetate in biological fluids at gold nanoparticles modified ITO electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 1147-53	3.5	10
82	Fast determination of salbutamol, abused by athletes for doping, in pharmaceuticals and human biological fluids by square wave voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 611, 140-148	4.1	42
81	Electrochemical determination of nitrite using a gold nanoparticles-modified glassy carbon electrode prepared by the seed-mediated growth technique. <i>Analytical Sciences</i> , 2007 , 23, 1421-5	1.7	63
80	Voltammetric determination of adenosine and guanosine using fullerene-C(60)-modified glassy carbon electrode. <i>Talanta</i> , 2007 , 71, 1110-7	6.2	167
79	Voltammetric determination of anabolic steroid nandrolone at gold nanoparticles modified ITO electrode in biological fluids. <i>Talanta</i> , 2007 , 72, 140-4	6.2	17
78	Gold nanoparticles modified indium tin oxide electrode for the simultaneous determination of dopamine and serotonin: Application in pharmaceutical formulations and biological fluids. <i>Talanta</i> , 2007 , 72, 976-83	6.2	200

77	Three Dimensional Monolayer of 3-Mercaptopropionic Acid Assembled on Gold Nanoparticles for Electrochemical Determination of Trace Cu(II). <i>Analytical Letters</i> , 2007 , 40, 2151-2160	2.2	7
76	An original planar multireflection system for sensing using the local surface plasmon resonance of gold nanospheres. <i>Journal of Optics</i> , 2006 , 8, 268-271		23
75	Electrochemical properties of core-shell TiC-TiO ₂ nanoparticle films immobilized at ITO electrode surfaces. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 5437-43	3.6	30
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