Hassan Karimi-Maleh

List of Publications by Year in Descending Order

365 papers	16,318 citations	69 h-index	114 g-index
393 ext. papers	20,274 ext. citations	5.2 avg, IF	7.72 L-index

#	Paper	IF	Citations
365	Highly active PdPt bimetallic nanoparticles synthesized by one-step bioreduction method: Characterizations, anticancer, antibacterial activities and evaluation of their catalytic effect for hydrogen generation. *International Journal of Hydrogen Energy*, **2022**,	6.7	10
364	Highly efficient carbon hybrid supported catalysts using nano-architecture as anode catalysts for direct methanol fuel cells. *International Journal of Hydrogen Energy*, **2022**,	6.7	8
363	Properties and Recent Advantages of N,N‐dialkylimidazolium-ion Liquids Application in Electrochemistry. *Current Analytical Chemistry*, **2022**, 18, 31-52	1.7	2
362	Electrochemical Modified Based Sensors: A New Approach for Analytical Chemistry. *Current Analytical Chemistry*, **2022**, 18, 4-5	1.7	
361	Recent advances in Ponceau dyes monitoring as food colorant substances by electrochemical sensors and developed procedures for their removal from real samples.. *Food and Chemical Toxicology*, **2022**, 161, 112830	4.7	32
360	Plant extract-based green fabrication of nickel ferrite (NiFeO) nanoparticles: An operative platform for non-enzymatic determination of pentachlorophenol.. *Chemosphere*, **2022**, 294, 133760	8.4	4
359	Pomegranate Punica granatum peel waste as a naked-eye natural colorimetric sensor for the detection and determination of Fe and I ions in water.. *Chemosphere*, **2022**, 294, 133759	8.4	2
358	Cerium functionalized graphene nano-structures and their applications; A review.. *Environmental Research*, **2022**, 208, 112685	7.9	5
357	Spatial analysis and human health risk assessment of elements in ground water of District Hyderabad, Pakistan using ArcGIS and multivariate statistical analysis.. *Environmental Research*, **2022**, 210, 112915	7.9	1
356	Electrochemical quantification of mancozeb through tungsten oxide/reduced graphene oxide nanocomposite: A potential method for environmental remediation.. *Food and Chemical Toxicology*, **2022**, 112843	4.7	21
355	Advanced integrated nanocatalytic routes for converting biomass to biofuels: A comprehensive review. *Fuel*, **2022**, 314, 122762	7.1	8
354	Ultrasensitive and highly selective "turn-on" fluorescent sensor for the detection and measurement of melatonin in juice samples.. *Chemosphere*, **2022**, 295, 133869	8.4	1
353	Metal-Based Particles as a Catalyst for Proton Exchange Membrane Fuel Cells. *Environmental Chemistry for A Sustainable World*, **2022**, 241-258	0.8	1
352	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. *Journal of Hazardous Materials*, **2022**, 423, 127058	12.8	163
351	Production of bioethanol from carrot pulp in the presence of Saccharomyces cerevisiae and beet molasses inoculum; A biomass based investigation. *Chemosphere*, **2022**, 286, 131688	8.4	13
350	Novel enzymatic graphene oxide based biosensor for the detection of glutathione in biological body fluids. *Chemosphere*, **2022**, 287, 132187	8.4	27
349	The potential of electrochemistry for one-pot and sensitive analysis of patent blue V, tartrazine, acid violet 7 and ponceau 4R in foodstuffs using IL/Cu-BTC MOF modified sensor. *Food Chemistry*, **2022**, 368, 130811	8.5	10

348	Removal of metal ions using a new magnetic chitosan nano-bio-adsorbent; A powerful approach in water treatment. *Environmental Research*, **2022**, 203, 111753	7.9	76
347	Enhanced methanol electrooxidation by electroactivated Pd/Ni(OH)2/N-rGO catalyst. *International Journal of Hydrogen Energy*, **2022**,	6.7	3
346	Monitoring of Butylated Hydroxyanisole in Food and Wastewater Samples Using Electroanalytical Two-Fold Amplified Sensor. *Sustainability*, **2022**, 14, 2169	3.6	1
345	A zinc oxide nanorods/molybdenum disulfide nanosheets hybrid as a sensitive and reusable electrochemical sensor for determination of anti-retroviral agent indinavir.. *Chemosphere*, **2022**, 134430	8.4	0
344	Molecular docking and optical sensor studies based on 2,4-diamino pyrimidine-5-carbonitriles for detection of Hg.. *Environmental Research*, **2022**, 113245	7.9	1
343	Nanomaterials: An alternative source for biodegradation of toxic dyes.. *Food and Chemical Toxicology*, **2022**, 112996	4.7	5
342	Facile bio-fabrication of Pd-Ag bimetallic nanoparticles and its performance in catalytic and pharmaceutical applications: Hydrogen production and in-vitro antibacterial, anticancer activities, and model development. *Chemical Engineering Research and Design*, **2022**, 180, 254-264	5.5	4
341	Recent advances in carbon nanomaterials-based electrochemical sensors for food azo dyes detection.. *Food and Chemical Toxicology*, **2022**, 112961	4.7	40
340	Determination of D&C Red 33 and Patent Blue V Azo dyes using an impressive electrochemical sensor based on carbon paste electrode modified with ZIF-8/g-CN/Co and ionic liquid in mouthwash and toothpaste as real samples.. *Food and Chemical Toxicology*, **2022**, 112907	4.7	51
339	The synthesis of Pt doped WO nanosheets and application on colorimetric detection of cysteine by naked eye using response surface methodology for optimization.. *Environmental Research*, **2022**, 113246	7.9	0
338	Valorisation of nuts biowaste: Prospects in sustainable bio(nano)catalysts and environmental applications. *Journal of Cleaner Production*, **2022**, 347, 131220	10.3	13
337	Electrochemical detection of Sudan red series azo dyes: Bibliometrics based analysis.. *Food and Chemical Toxicology*, **2022**, 112960	4.7	7
336	Recent advantages in electrochemical monitoring for the analysis of amaranth and carminic acid food colors.. *Food and Chemical Toxicology*, **2022**, 112929	4.7	6
335	Magnetic-MXene-based nanocomposites for water and wastewater treatment: A review. *Journal of Water Process Engineering*, **2022**, 47, 102696	6.7	7
334	A review on magnetic sensors for monitoring of hazardous pollutants in water resources.. *Science of the Total Environment*, **2022**, 153844	10.2	13
333	Characterization and assessment of the photocatalytic activity of ZnO-Fe3O4/TiO2 nanocomposite based on MIL-125(Ti) synthesized by mixed solvo-hydrothermal and sol-gel methods. *Journal of Water Process Engineering*, **2022**, 47, 102750	6.7	0
332	A novel route to the synthesis of ⊞Fe2O3@C@SiO2/TiO2 nanocomposite from the metal-organic framework as a photocatalyst for water treatment.. *Chemosphere*, **2022**, 133992	8.4	2
331	Fabrication of activated carbon supported modified with bimetallic-platin ruthenium nano sorbent for removal of azo dye from aqueous media using enhanced ultrasonic wave.. *Environmental Pollution*, **2022**, 302, 119033	9.3	0

330	Magnetic nanoparticles based on cerium MOF supported on the MWCNT as a fluorescence quenching sensor for determination of 6-mercaptopurine.. *Environmental Pollution*, **2022**, 305, 119230	9.3	3
329	An applicable method for extraction of whole seeds protein and its determination through Bradford's method.. *Food and Chemical Toxicology*, **2022**, 113053	4.7	3
328	Preface to the Special Issue on Electrocatalytic Technologies *Topics in Catalysis*, **2022**, 65, 563	2.3	0
327	An improved electrochemical sensor based on triton X-100 functionalized SnO nanoparticles for ultrasensitive determination of cadmium.. *Chemosphere*, **2022**, 134634	8.4	1
326	Relationship between graphene and pedosphere: A scientometric analysis.. *Chemosphere*, **2022**, 300, 134599	8.4	4
325	A reusable and sensitive electrochemical sensor for determination of idarubicin in environmental and biological samples based on NiFeO nanospheres anchored N-doped graphene quantum dots composite; an electrochemical and molecular docking investigation.. *Environmental Research*, **2022**, 212, 113264	7.9	1
324	Advancement in electrochemical strategies for quantification of Brown HT and Carmoisine (Acid Red 14) From Azo Dyestuff class.. *Food and Chemical Toxicology*, **2022**, 165, 113075	4.7	0
323	Nano-architectural design of TiO for high performance photocatalytic degradation of organic pollutant: A review.. *Environmental Research*, **2022**, 212, 113347	7.9	2
322	Fabrication of sensor based on polyvinyl alcohol functionalized tungsten oxide/reduced graphene oxide nanocomposite for electrochemical monitoring of 4-aminophenol.. *Environmental Research*, **2022**, 113372	7.9	2
321	Selective oxidation of amaranth dye in soft drinks through tin oxide decorated reduced graphene oxide nanocomposite based electrochemical sensor. *Food and Chemical Toxicology*, **2022**, 113177	4.7	3
320	Determination of active ingredients in antihypertensive drugs using a novel green HPLC method approach. *Chemosphere*, **2022**, 303, 135053	8.4	
319	Advances in Electrochemical Techniques for the Detection and Analysis of Genetically Modified Organisms: An Analysis Based on Bibliometrics. *Chemosensors*, **2022**, 10, 194	4	5
318	Electrochemical monitoring of bisphenol-s through nanostructured tin oxide/Nafion/GCE: A solution to environmental pollution. *Chemosphere*, **2022**, 303, 135170	8.4	1
317	Nanotechnology-Abetted Astaxanthin Formulations in Multimodel Therapeutic and Biomedical Applications.. *Journal of Medicinal Chemistry*, **2021**,	8.3	6
316	Effect of process parameters over carbon-based ZIF-62 nano-rooted membrane for environmental pollutants separation. *Chemosphere*, **2021**, 133006	8.4	10
315	Recent Progress in Nanomaterials Modified Electrochemical Biosensors for the Detection of MicroRNA. *Micromachines*, **2021**, 12,	3.3	20
314	Pathogenic potential and phytotoxic effects of Coniolariella gamsii Iran 2506C on Iranian knapweed (Centaurea depressa). *Chemosphere*, **2021**, 133061	8.4	1
313	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. *Chemosphere*, **2021**, 132928	8.4	82

312	Three-dimensional porous reduced graphene oxide decorated with carbon quantum dots and platinum nanoparticles for highly selective determination of azo dye compound tartrazine. *Food and Chemical Toxicology*, **2021**, 158, 112698	4.7	45
311	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. *Environmental Research*, **2021**, 205, 112475	7.9	12
310	Congo red dye removal from aqueous environment by cationic surfactant modified-biomass derived carbon: Equilibrium, kinetic, and thermodynamic modeling, and forecasting via artificial neural network approach.. *Chemosphere*, **2021**, 290, 133346	8.4	37
309	Investigation of antibacterial, antifungal, antibiofilm, antioxidant and anticancer properties of methanol extracts of Salvia marashica Dm, Celep & Do n and Salvia caespitosa Montbret & Aucher ex Benth plants with medicinal importance. *Chemosphere*, **2021**, 132602	8.4	3
308	Study on particle radiative properties of lignite, hard coal and biomass fly ashes in the infrared wavelength range. *Chemosphere*, **2021**, 132719	8.4	0
307	Simultaneous improvements in antibacterial and flame retardant properties of PET by use of bio-nanotechnology for fabrication of high performance PET bionanocomposites. *Environmental Research*, **2021**, 206, 112281	7.9	3
306	Sensitive and Selective Electrochemical Detection of Epirubicin as Anticancer Drug Based on Nickel Ferrite Decorated with Gold Nanoparticles. *Micromachines*, **2021**, 12,	3.3	28
305	Fabrication of Electrochemical Sensor for Epinine Determination Amplified with MgO/CNTs Nanocomposite and Ionic Liquid. *Current Analytical Chemistry*, **2021**, 17,	1.7	3
304	A Silver-Loaded Exfoliated Graphite Nanocomposite Anti-Fouling Electrochemical Sensor for Bisphenol A in Thermal Paper Samples. *ACS Omega*, **2021**, 6, 9401-9409	3.9	7
303	A New Electrochemical Platform for Dasatinib Anticancer Drug Sensing Using FeO-SWCNTs/Ionic Liquid Paste Sensor. *Micromachines*, **2021**, 12,	3.3	11
302	Recent advances in using of chitosan-based adsorbents for removal of pharmaceutical contaminants: A review. *Journal of Cleaner Production*, **2021**, 291, 125880	10.3	155
301	Novel 1-butyl-3-methylimidazolium bromide impregnated chitosan hydrogel beads nanostructure as an efficient nanobio-adsorbent for cationic dye removal: Kinetic study. *Environmental Research*, **2021**, 195, 110809	7.9	116
300	Enhanced electrochemical performance and stability of Pt/Ni electrocatalyst supported on SiO2-PANI nanocomposite: A combined experimental and theoretical study. *Materials Chemistry and Physics*, **2021**, 262, 124290	4.4	13
299	Electrochemical Fingerprint Biosensor for Natural Indigo Dye Yielding Plants Analysis. *Biosensors*, **2021**, 11,	5.9	7
298	A new electrochemical method for the detection of quercetin in onion, honey and green tea using Co3O4 modified GCE. *Journal of Food Measurement and Characterization*, **2021**, 15, 3720-3730	2.8	13
297	Improving of CI engine performance using three different types of biodiesel. *Chemical Engineering Research and Design*, **2021**, 149, 977-993	5.5	4
296	Nanomaterials modified electrodes for electrochemical detection of Sudan I in food. *Journal of Food Measurement and Characterization*, **2021**, 15, 3837-3852	2.8	40
295	A sensitive and fast approach for voltammetric analysis of bisphenol a as a toxic compound in food products using a Pt-SWCNTs/ionic liquid modified sensor. *Food and Chemical Toxicology*, **2021**, 152, 112166	4.7	5

294	An electrochemical strategy for toxic ractopamine sensing in pork samples; twofold amplified nano-based structure analytical tool. *Journal of Food Measurement and Characterization*, **2021**, 15, 4098-4104	2.8	47
293	Application of deep eutectic solvent and SWCNT-ZrO2 nanocomposite as conductive mediators for the fabrication of simple and rapid electrochemical sensor for determination of trace anti-migration drugs. *Microchemical Journal*, **2021**, 165, 106141	4.8	8
292	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell CoO@MOF-74 nanocomposite. *Journal of Colloid and Interface Science*, **2021**, 592, 174-185	9.3	168
291	High performance of screen-printed graphite electrode modified with NiMo-MOF for voltammetric determination of amaranth. *Journal of Food Measurement and Characterization*, **2021**, 15, 4617-4622	2.8	32
290	Numerical and experimental investigation of natural gas injection effects on NOx reburning at the rotary cement kiln exhaust. *Chemical Engineering Research and Design*, **2021**, 151, 290-298	5.5	5
289	Iran's alarmingly mismanaged zoos. *Science*, **2021**, 373, 501	33.3	1
288	Effects of silver nanoparticles added into polyurea coating on sulfate-reducing bacteria activity and electrochemical properties; an environmental nano-biotechnology investigation. *Environmental Research*, **2021**, 198, 111251	7.9	3
287	Biomaterials functionalized with nanoclusters of integrin- and syndecan-binding ligands improve cell adhesion and mechanosensing under shear flow conditions. *Journal of Biomedical Materials Research - Part A*, **2021**, 109, 313-325	5.4	2
286	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. *Nano-Micro Letters*, **2021**, 13, 18	19.5	79
285	Luminescent film: Biofouling investigation of tetraphenylethylene blended polyethersulfone ultrafiltration membrane. *Chemosphere*, **2021**, 267, 128871	8.4	14
284	Biocompatibility and mechanical properties of pigeon bone waste extracted natural nano-hydroxyapatite for bone tissue engineering. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 264, 114950	3.1	15
283	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. *Journal of Molecular Liquids*, **2021**, 329, 115062	6	127
282	Electro-catalytic amplified sensor for determination of N-acetylcysteine in the presence of theophylline confirmed by experimental coupled theoretical investigation. *Scientific Reports*, **2021**, 11, 1006	4.9	2
281	Nanostructured polyethersulfone nanocomposite membranes for dual protein and dye separation: Lower antifouling with lanthanum (III) vanadate nanosheets as a novel nanofiller. *Polymer Testing*, **2021**, 94, 107040	4.5	9
280	Doxorubicin Anticancer Drug Monitoring by ds-DNA-Based Electrochemical Biosensor in Clinical Samples. *Micromachines*, **2021**, 12,	3.3	6
279	A critical review on the use of potentiometric based biosensors for biomarkers detection. *Biosensors and Bioelectronics*, **2021**, 184, 113252	11.8	171
278	Early sex determination of Ginkgo biloba based on the differences in the electrocatalytic performance of extracted peroxidase. *Bioelectrochemistry*, **2021**, 140, 107829	5.6	4
277	Photocatalytic degradation of organic pollutants, viral and bacterial pathogens using titania nanoparticles. *Inorganic Chemistry Communication*, **2021**, 130, 108688	3.1	7

276	Analysis of coumarin in food and plant tissue without extraction based on voltammetry of microparticles. *Journal of Food Measurement and Characterization*, **2021**, 15, 5439	2.8	4
275	A europium (III) complex tested for deoxyribonucleic acid-binding, bovine serum albumin binding, and antibacterial activity. *Journal of Molecular Liquids*, **2021**, 335, 116323	6	3
274	Mechanism of methanol decomposition on the Cu-Embedded graphene: A DFT study. *International Journal of Hydrogen Energy*, **2021**,	6.7	4
273	Utilization of a double-cross-linked amino-functionalized three-dimensional graphene networks as a monolithic adsorbent for methyl orange removal: Equilibrium, kinetics, thermodynamics and artificial neural network modeling. *Environmental Research*, **2021**, 207, 112156	7.9	18
272	An Analytical Method Based on Electrochemical Sensor for the Assessment of Insect Infestation in Flour. *Biosensors*, **2021**, 11,	5.9	4
271	Developing a simple box-behnken experimental design on the removal of doxorubicin anticancer drug using FeO/graphene nanoribbons adsorbent. *Environmental Research*, **2021**, 200, 111522	7.9	12
270	Recent advances in developing optical and electrochemical sensors for analysis of methamphetamine: A review. *Chemosphere*, **2021**, 278, 130393	8.4	9
269	Genotypic diversity of 17 cacti species and application to biosynthesis of gold nanoparticles. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 259, 119909	4.4	2
268	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO for efficient photocatalytic degradation process. *Chemosphere*, **2021**, 281, 130795	8.4	49
267	Sensitive and selective electrochemical detection of bisphenol A based on SBA-15 like Cu-PMO modified glassy carbon electrode. *Food Chemistry*, **2021**, 358, 129763	8.5	12
266	Synthesis of new functionalized Calix[4]arene modified silica resin for the adsorption of metal ions: Equilibrium, thermodynamic and kinetic modeling studies. *Journal of Molecular Liquids*, **2021**, 339, 116741	6	10
265	Biodegradable polymers and their nano-composites for the removal of endocrine-disrupting chemicals (EDCs) from wastewater: A review. *Environmental Research*, **2021**, 202, 111694	7.9	58
264	The surfactant-ionic liquid bi-functionalization of chitosan beads for their adsorption performance improvement toward Tartrazine. *Environmental Research*, **2021**, 204, 111961	7.9	6
263	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. *Industrial & Engineering Chemistry Research*, **2021**, 60, 816-823	3.9	198
262	An improved non-enzymatic electrochemical sensor amplified with CuO nanostructures for sensitive determination of uric acid. *Open Chemistry*, **2021**, 19, 481-491	1.6	6
261	Pt-doped NiO Nanoparticle-Ionic Liquid Modified Electrochemical Sensor: A Powerful Approach for Determination of Epinine in the Presence of Phenylephrine as two Blood Pressure Raising Drugs. *Electroanalysis*, **2020**, 32, 1828-1833	3	6
260	NiO/SWCNTs coupled with an ionic liquid composite for amplified carbon paste electrode; A feasible approach for improving sensing ability of adrenalone and folic acid in dosage form. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 188, 113393	3.5	7
259	Biosynthesis of Ag Nanoparticle by Peganum Harmala Extract; Antimicrobial Activity and Ability for Fabrication of Quercetin Food Electrochemical Sensor. *International Journal of Electrochemical Science*, **2020**, 2549-2560	2.2	4

258	Determination of Bisphenol in Food Samples Using an Electrochemical Method Based on Modification of a Carbon Paste Electrode with CdO Nanoparticle/Ionic Liquid. *International Journal of Electrochemical Science*, **2020**, 1904-1914	2.2	5
257	Pt-Pd-doped NiO nanoparticle decorated at single-wall carbon nanotubes: An excellent, powerful electrocatalyst for the fabrication of An electrochemical sensor to determine nalbuphine in the presence of tramadol as two opioid analgesic drugs. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 189, 113397	3.5	5
256	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. *Journal of Molecular Liquids*, **2020**, 314, 113588	6	225
255	Determining Caffeic Acid in Food Samples Using a Voltammetric Sensor Amplified by Fe3O4 Nanoparticles and Room Temperature Ionic Liquid. *International Journal of Electrochemical Science*, **2020**, 2539-2548	2.2	7
254	Characterization of the Electrochemical Profiles of Lycoris Seeds for Species Identification and Infrageneric Relationships. *Analytical Letters*, **2020**, 53, 2517-2528	2.2	23
253	Surface amplification of pencil graphite electrode using CuO nanoparticle/polypyrrole nanocomposite; a powerful electrochemical strategy for determination of tramadol. *Microchemical Journal*, **2020**, 158, 105179	4.8	26
252	Formation and stabilization of colloidal ultra-small palladium nanoparticles on diamine-modified Cr-MIL-101: Synergic boost to hydrogen production from formic acid. *Journal of Colloid and Interface Science*, **2020**, 567, 126-135	9.3	88
251	Facile synthesis of paper based graphene electrodes for point of care devices: A double stranded DNA (dsDNA) biosensor. *Journal of Colloid and Interface Science*, **2020**, 566, 463-472	9.3	119
250	Influence of doping Mg cation in Fe3O4 lattice on its oxygen storage capacity to use as a catalyst for reducing emissions of a compression ignition engine. *Fuel*, **2020**, 272, 117728	7.1	6
249	Development of an electrochemical biosensor for phylogenetic analysis of Amaryllidaceae based on the enhanced electrochemical fingerprint recorded from plant tissue. *Biosensors and Bioelectronics*, **2020**, 159, 112212	11.8	20
248	Voltammetric Determination of Glutathionein Pharmaceutical and Biological Samples Using Multiwall Carbon Nanotubes Paste Electrode in the Presence of Rutin as a Mediator. *Iranian Journal of Pharmaceutical Research*, **2020**, 19, 251-258	1.1	1
247	A Review of Different Types of DOE Methods as a Useful Platform for Improving the Performance of Nano Adsorbents in Removal Systems of Pollutants. *Nanoscience and Nanotechnology - Asia*, **2020**, 10, 219-227	0.7	1
246	Carbon Nanotubes for Amplification of Electrochemical Signal in Drug and Food Analysis; A Mini Review. *Current Biochemical Engineering*, **2020**, 6, 114-119	2	13
245	MnFe2O4/1-Butyl-3-methylimidazolium hexafluorophosphate modified carbon paste electrode: an amplified food sensor for determination of gallic acid in the presence of ferulic acid as two phenolic antioxidants. *Eurasian Chemical Communications*, **2020**, 2, 362-373	1.8	9
244	A sensitive electroanalytical sensor amplified with Pd-ZnO nanoparticle for determination of Sunset Yellow in real samples. *Eurasian Chemical Communications*, **2020**, 2, 760-770	1.8	11
243	Ultrasensitive electroanalytical sulfisoxazole sensors amplified with Pd-doped ZnO nanoparticles and modified with 1-hexyl-3-methyl imidazolium bis(trifluoromethylsulfonyl)imide. *New Journal of Chemistry*, **2020**, 44, 11125-11130	3.6	5
242	Voltammetric food analytical sensor for determining vanillin based on amplified NiFe2O4 nanoparticle/ionic liquid sensor. *Journal of Food Measurement and Characterization*, **2020**, 14, 1039-1045	2.8	25
241	Electrochemical anticancer drug sensor for determination of raloxifene in the presence of tamoxifen using graphene-CuO-polypyrrole nanocomposite structure modified pencil graphite electrode: Theoretical and experimental investigation. *Journal of Molecular Liquids*, **2020**, 311, 113314	6	14

240	An ultrasensitive electroanalytical sensor based on MgO/SWCNTs- 1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide paste electrode for the determination of ferulic acid in the presence sulfite in food samples. *Microchemical Journal*, **2020**, 154, 104572	4.8	16
239	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. *Chemical Record*, **2020**, 20, 682-692	6.6	211
238	The role of magnetite/graphene oxide nano-composite as a high-efficiency adsorbent for removal of phenazopyridine residues from water samples, an experimental/theoretical investigation. *Journal of Molecular Liquids*, **2020**, 298, 112040	6	248
237	Effect of chemistry and geometry of GO nanochannels on the Li ion selectivity and recovery. *Desalination*, **2020**, 496, 114729	10.3	26
236	A new nickel-based co-crystal complex electrocatalyst amplified by NiO dope Pt nanostructure hybrid; a highly sensitive approach for determination of cysteamine in the presence of serotonin. *Scientific Reports*, **2020**, 10, 11699	4.9	178
235	Studies of mechanism, kinetic model and determination of bupivacaine and its application pharmaceutical forms. *Microchemical Journal*, **2020**, 159, 105531	4.8	1
234	A DNA Based Biosensor Amplified With ZIF-8/Ionic Liquid Composite for Determination of Mitoxantrone Anticancer Drug: An Experimental/Docking Investigation. *Frontiers in Chemistry*, **2020**, 8, 814	5	16
233	Evaluation of Pt,Pd-Doped, NiO-Decorated, Single-Wall Carbon Nanotube-Ionic Liquid Carbon Paste Chemically Modified Electrode: An Ultrasensitive Anticancer Drug Sensor for the Determination of Daunorubicin in the Presence of Tamoxifen. *Frontiers in Chemistry*, **2020**, 8, 677	5	11
232	Simultaneous determination of cholesterol, ascorbic acid and uric acid as three essential biological compounds at a carbon paste electrode modified with copper oxide decorated reduced graphene oxide nanocomposite and ionic liquid. *Journal of Colloid and Interface Science*, **2020**, 560, 208-212	9.3	269
231	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. *Journal of Molecular Liquids*, **2020**, 310, 113185	6	187
230	Palladium□Nickel nanoparticles decorated on Functionalized-MWCNT for high precision non-enzymatic glucose sensing. *Materials Chemistry and Physics*, **2020**, 250, 123042	4.4	184
229	A novel electrochemical epinine sensor using amplified CuO nanoparticles and a n-hexyl-3-methylimidazolium hexafluorophosphate electrode. *New Journal of Chemistry*, **2019**, 43, 2362-2367	3.6	169
228	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. *Journal of Molecular Liquids*, **2019**, 278, 672-676	6	157
227	3D reduced graphene oxide/FeNi3-ionic liquid nanocomposite modified sensor; an electrical synergic effect for development of tert-butylhydroquinone and folic acid sensor. *Composites Part B: Engineering*, **2019**, 172, 666-670	10	225
226	A first adrenalone electrochemical sensor using a gold-nanoparticle/poly(pyrrole) composite-modified graphite electrode. *Analytical Methods*, **2019**, 11, 2658-2662	3.2	3
225	A voltammetric carbon paste sensor modified with NiO nanoparticle and ionic liquid for fast analysis of p-nitrophenol in water samples. *Journal of Molecular Liquids*, **2019**, 285, 430-435	6	24
224	Determination of ferulic acid in the presence of butylated hydroxytoluene as two phenolic antioxidants using a highly conductive food nanostructure electrochemical sensor. *Chemical Papers*, **2019**, 73, 2441-2447	1.9	13
223	Fabrication of an Electroanalytical Sensor for Determination of Deoxyepinephrine in the Presence of Uric Acid Using CuFe2O4□Nanoparticle/Ionic Liquid Amplified Sensor. *Journal of the Electrochemical Society*, **2019**, 166, H218-H223	3.9	25

222	A nanostructure voltammetric platform amplified with ionic liquid for determination of tert-butylhydroxyanisole in the presence kojic acid. *Journal of Food Measurement and Characterization*, **2019**, 13, 1781-1787	2.8	130
221	A powerful DNA-based voltammetric biosensor modified with Au nanoparticles, for the determination of Temodal; an electrochemical and docking investigation. *Journal of Electroanalytical Chemistry*, **2019**, 840, 313-318	4.1	21
220	The determination of 2-phenylphenol in the presence of 4-chlorophenol using nano-FeO/ionic liquid paste electrode as an electrochemical sensor. *Journal of Colloid and Interface Science*, **2019**, 554, 603-610	9.3	182
219	Simultaneous voltammetric determination of glutathione, doxorubicin and tyrosine based on the electrocatalytic effect of a nickel(II) complex and of Pt:Co nanoparticles as a conductive mediator. *Mikrochimica Acta*, **2019**, 186, 493	5.8	13
218	An Electrochemical Sensitive Sensor for Determining Sulfamethoxazole Using a Modified Electrode Based on Biosynthesized NiO Nanoparticles Paste Electrode. *International Journal of Electrochemical Science*, **2019**, 9552-9561	2.2	12
217	Simultaneous Determination of Epinephrine and Tyrosine Using a Glassy Carbon Electrode Amplified with ZnO-Pt/CNTs Nanocomposite. *Current Analytical Chemistry*, **2019**, 15, 166-171	1.7	12
216	Metal-based Nanoparticles as Conductive Mediators in Electrochemical Sensors: A Mini Review. *Current Analytical Chemistry*, **2019**, 15, 136-142	1.7	9
215	A New Nanostructure Square Wave Voltammetric Platform for Determination of Tert-butylhydroxyanisole in Food Samples. *Current Analytical Chemistry*, **2019**, 15, 172-176	1.7	5
214	Electrochemical Determination of Mycophenolate Mofetil in Drug Samples Using Carbon Paste Electrode Modified with 1-methyl-3-butylimidazolium Bromide and NiO/SWCNTs Nanocomposite. *Current Analytical Chemistry*, **2019**, 15, 177-182	1.7	5
213	Carbon Paste Modified Electrode as Powerful Sensor Approach Determination of Food Contaminants, Drug Ingredients, and Environmental Pollutants: A Review. *Current Analytical Chemistry*, **2019**, 15, 410-422	1.7	14
212	A new epirubicin biosensor based on amplifying DNA interactions with polypyrrole and nitrogen-doped reduced graphene: Experimental and docking theoretical investigations. *Sensors and Actuators B: Chemical*, **2019**, 284, 568-574	8.5	183
211	NiO nanoparticle decorated on single-wall carbon nanotubes and 1-butyl-4-methylpyridinium tetrafluoroborate for sensitive raloxifene sensor. *Journal of Molecular Liquids*, **2018**, 254, 255-259	6	30
210	MnO2-TiO2 Nanocomposite and 2-(3,4-Dihydroxyphenethyl) Isoindoline-1,3-Dione as an Electrochemical Platform for the Concurrent Determination of Cysteine, Tryptophan and Uric Acid. *Electroanalysis*, **2018**, 30, 1767-1773	3	19
209	Integrin Clustering Matters: A Review of Biomaterials Functionalized with Multivalent Integrin-Binding Ligands to Improve Cell Adhesion, Migration, Differentiation, Angiogenesis, and Biomedical Device Integration. *Advanced Healthcare Materials*, **2018**, 7, e1701324	10.1	51
208	Surface amplification of pencil graphite electrode with polypyrrole and reduced graphene oxide for fabrication of a guanine/adenine DNA based electrochemical biosensors for determination of didanosine anticancer drug. *Applied Surface Science*, **2018**, 441, 55-60	6.7	91
207	An amplified platform nanostructure sensor for the analysis of epirubicin in the presence of topotecan as two important chemotherapy drugs for breast cancer therapy. *New Journal of Chemistry*, **2018**, 42, 3828-3832	3.6	55
206	Simultaneous determination of doxorubicin and dasatinib as two breast anticancer drugs uses an amplified sensor with ionic liquid and ZnO nanoparticle. *Journal of Electroanalytical Chemistry*, **2018**, 811, 84-88	4.1	180
205	Square wave voltammetric determination of hydrazine and 4-chlorophenol as two important water pollutants using nanostructure-amplified sensor. *Research on Chemical Intermediates*, **2018**, 44, 5389-5401	2.8	17

204	Effects of surface treatment of TiO2 nanoparticles on the adhesion and anticorrosion properties of the epoxy coating on mild steel using electrochemical technique. *Progress in Organic Coatings*, **2018** , 119, 99-108	4.8	39
203	Catalytic application of sulfonic acid-functionalized titana-coated magnetic nanoparticles for the preparation of 1,8-dioxodecahydroacridines and 2,4,6-triarylpyridines via anomeric-based oxidation. *Applied Organometallic Chemistry*, **2018**, 32, e4063	3.1	25
202	Simultaneous electrochemical determination of levodopa and piroxicam using a glassy carbon electrode modified with a ZnO-Pd/CNT nanocomposite.. *RSC Advances*, **2018**, 8, 26707-26712	3.7	39
201	Synergic effect of 2D nitrogen doped reduced graphene nano-sheet and ionic liquid as a new approach for fabrication of anticancer drug sensor in analysis of doxorubicin and topotecan. *Journal of Molecular Liquids*, **2018**, 265, 727-732	6	27
200	Sensing and Monitoring. *Carbon Nanostructures*, **2018**, 171-186	0.6	0
199	Fabrication of a new electrocatalytic sensor for determination of diclofenac, morphine and mefenamic acid using synergic effect of NiO-SWCNT and 2, 4-dimethyl-N/-[1- (2, 3-dihydroxy phenyl) methylidene] aniline. *Sensors and Actuators B: Chemical*, **2018**, 273, 228-233	8.5	69
198	Application of SBA-15/Diphenyl Carbazon/SDS Nanocomposite as Solid-Phase Extractor for Simultaneous Determination of Cu(II) and Zn(II) Ions. *Arabian Journal for Science and Engineering*, **2018**, 43, 3547-3556	2.5	16
197	Simultaneous analysis of phenylhydrazine, phenol, and hydroxylamine as three water pollutants using a voltammetric-amplified sensor with CoFe2O4 nanoparticle and 1-methyl-3-butylimidazolium bromide ionic liquid. *Ionics*, **2018**, 24, 1497-1503	2.7	5
196	An electrochemical-amplified-platform based on the nanostructure voltammetric sensor for the determination of carmoisine in the presence of tartrazine in dried fruit and soft drink samples. *Journal of Food Measurement and Characterization*, **2018**, 12, 634-640	2.8	128
195	Analysis of glutathione in the presence of acetaminophen and tyrosine via an amplified electrode with MgO/SWCNTs as a sensor in the hemolyzed erythrocyte. *Talanta*, **2018**, 176, 208-213	6.2	193
194	Electrochemical Platform Based on Synergic Effect of Fe3O4/SWCNTs and 1-ethyl-3-methyl Imidazolium Chloride as Sensor for Determination of Xanthine and Theophylline in Food Samples. *Journal of the Electrochemical Society*, **2018**, 165, B762-B766	3.9	28
193	An amplified sensor based on improved carbon paste electrode with 1,3-Dipropylimidazolium Bromide and MgO/SWCNTs Nanocomposite for tradamol determination. *International Journal of Electrochemical Science*, **2018**, 4923-4932	2.2	12
192	Electrocatalytic Determination of L-cysteine in the Presence of Tryptophan Using Carbon Paste Electrode Modified with MgO Nanoparticles and Acetylferrocene. *International Journal of Electrochemical Science*, **2018**, 4309-4318	2.2	6
191	Beyond RGD; nanoclusters of syndecan- and integrin-binding ligands synergistically enhance cell/material interactions. *Biomaterials*, **2018**, 187, 81-92	15.6	18
190	Fabrication of a Food Nano-Platform Sensor for Determination of Vanillin in Food Samples. *Sensors*, **2018**, 18,	3.8	21
189	Gold nanoparticles and reduced graphene oxide-amplified label-free DNA biosensor for dasatinib detection. *New Journal of Chemistry*, **2018**, 42, 16378-16383	3.6	31
188	HSA loaded with CoFe2 O4 /MNPs as a high-efficiency carrier for epirubicin anticancer drug delivery. *IET Nanobiotechnology*, **2018**, 12, 336-342	2	11
187	Multivalent Ligands: Integrin Clustering Matters: A Review of Biomaterials Functionalized with Multivalent Integrin-Binding Ligands to Improve Cell Adhesion, Migration, Differentiation, Angiogenesis, and Biomedical Device Integration (Adv. Healthcare Mater. 12/2018). *Advanced Healthcare Materials*, **2018**, 7, 1870048	10.1	1

186	Voltammetric amplified sensor employing RuO 2 nano-road and room temperature ionic liquid for amaranth analysis in food samples. *Journal of Molecular Liquids*, **2017**, 229, 489-494	6	45
185	Incorporation of graphene oxide/NiO nanocomposite and n-hexyl-3-methylimidazolium hexafluoro phosphate into carbon paste electrode: application as an electrochemical sensor for simultaneous determination of benserazide, levodopa and tryptophan. *Journal of the Iranian Chemical Society*, **2017**, 14, 955-961	2	28
184	Application of novel Ni(II) complex and ZrO nanoparticle as mediators for electrocatalytic determination of N-acetylcysteine in drug samples. *Journal of Food and Drug Analysis*, **2017**, 25, 1000-1007	7	15
183	Amplified electrochemical sensor employing CuO/SWCNTs and 1-butyl-3-methylimidazolium hexafluorophosphate for selective analysis of sulfisoxazole in the presence of folic acid. *Journal of Colloid and Interface Science*, **2017**, 495, 61-67	9.3	55
182	A nanostructure label-free DNA biosensor for ciprofloxacin analysis as a chemotherapeutic agent: an experimental and theoretical investigation. *New Journal of Chemistry*, **2017**, 41, 4985-4989	3.6	49
181	Analysis of Levodopa in the Presence of Vitamin B6 Using Carbon Paste Electrode Modified with 1-Butyl-3 methylimidazolium Hexafluorophosphate and CuO Nanoparticles. *Electroanalysis*, **2017**, 29, 1854-1859	3	19
180	Simultaneous Determination of Amaranth and Nitrite in Foodstuffs via Electrochemical Sensor Based on Carbon Paste Electrode Modified with CuO/SWCNTs and Room Temperature Ionic Liquid. *Food Analytical Methods*, **2017**, 10, 3773-3780	3.4	35
179	A sensitive amplified sensor based on improved carbon paste electrode with 1-methyl-3-octylimidazolium tetrafluoroborate and ZnO/CNTs nanocomposite for differential pulse voltammetric analysis of raloxifene. *Applied Surface Science*, **2017**, 420, 882-885	6.7	39
178	Simultaneous Detection of Nalbuphine and Diclofenac as Important Analgesic Drugs in Biological and Pharmaceutical Samples Using a Pt:Co Nanostructure-Based Electrochemical Sensor. *Journal of the Electrochemical Society*, **2017**, 164, B60-B65	3.9	31
177	Amplified nanostructure electrochemical sensor for simultaneous determination of captopril, acetaminophen, tyrosine and hydrochlorothiazide. *Materials Science and Engineering C*, **2017**, 73, 472-477	8.3	63
176	Voltammetric analysis of mycophenolate mofetil in pharmaceutical samples via electrochemical nanostructure based sensor modified with ionic liquid and MgO/SWCNTs. *Journal of the Taiwan Institute of Chemical Engineers*, **2017**, 80, 989-996	5.3	33
175	Electrochemical nanostructure platform for the analysis of glutathione in the presence of uric acid and tryptophan. *Analytical Methods*, **2017**, 9, 6228-6234	3.2	15
174	Fabrication of Amplified Nanostructure Based Sensor for Analysis of N-Acetylcysteine in Presence of High Concentration Folic Acid. *International Journal of Electrochemical Science*, **2017**, 8045-8058	2.2	17
173	Electrochemical Determination of Adrenaline Using Voltammetric Sensor Employing NiO/CNTs Based Carbon Paste Electrode. *International Journal of Electrochemical Science*, **2017**, 248-257	2.2	12
172	MOF-Mediated Destruction of Cancer Using the Cell's Own Hydrogen Peroxide. *ACS Applied Materials & Interfaces*, **2017**, 9, 33599-33608	9.5	107
171	CoFe 2 O 4 nanoparticle/ionic liquid modified carbon paste electrode as an amplified sensor for epirubicin analysis as an anticancer drug. *Journal of Molecular Liquids*, **2017**, 242, 685-689	6	31
170	Nano-scale clustering of integrin-binding ligands regulates endothelial cell adhesion, migration, and endothelialization rate: novel materials for small diameter vascular graft applications. *Journal of Materials Chemistry B*, **2017**, 5, 5942-5953	7.3	20
169	An electrochemical strategy to determine thiosulfate, 4-chlorophenol and nitrite as three important pollutants in water samples via a nanostructure modified sensor. *Journal of Colloid and Interface Science*, **2017**, 507, 11-17	9.3	32

168	Dynamic Covalent Hydrogels for Triggered Cell Capture and Release. *Bioconjugate Chemistry*, **2017**, 28, 2235-2240	6.3	18
167	Highly sensitive square wave voltammetric sensor employing CdO/SWCNTs and room temperature ionic liquid for analysis of vanillin and folic acid in food samples. *Journal of Food Composition and Analysis*, **2017**, 62, 254-259	4.1	156
166	Synthesis of CdO nanoparticles using direct chemical precipitation method: Fabrication of novel voltammetric sensor for square wave voltammetry determination of chlorpromazine in pharmaceutical samples. *Inorganic and Nano-Metal Chemistry*, **2017**, 47, 347-353	1.2	30
165	Voltammetric Determination of Penicillamine Using a Carbon Paste Electrode Modified with Multiwall Carbon Nanotubes In the Presence of Methyldopa as a Mediator. *Iranian Journal of Pharmaceutical Research*, **2017**, 16, 1019-1029	1.1	6
164	Comparison of EEG spatial filters for movement related cortical potential detection. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2016**, 2016, 1576-1579	0.9	3
163	Electrochemical determination of vitamin C in the presence of NADH using a CdO nanoparticle/ionic liquid modified carbon paste electrode as a sensor. *Journal of Molecular Liquids*, **2016**, 213, 312-316	6	65
162	Highly sensitive determination of promazine in pharmaceutical and biological samples using a ZnO nanoparticle-modified ionic liquid carbon paste electrode. *Chinese Chemical Letters*, **2016**, 27, 779-782	8.1	13
161	A novel voltammetric sensor employing zinc oxide nanoparticles and a new ferrocene-derivative modified carbon paste electrode for determination of captopril in drug samples. *Analytical Methods* , **2016**, 8, 1780-1788	3.2	66
160	A novel 5-fluorouracile anticancer drug sensor based on ZnFe2O4 magnetic nanoparticles ionic liquids carbon paste electrode. *Sensors and Actuators B: Chemical*, **2016**, 230, 607-614	8.5	54
159	Liquid phase determination of adrenaline uses a voltammetric sensor employing CuFe2O4 nanoparticles and room temperature ionic liquids. *Journal of Molecular Liquids*, **2016**, 213, 369-373	6	79
158	Application of CdO/SWCNTs Nanocomposite Ionic Liquids Carbon Paste Electrode as a Voltammetric Sensor for Determination of Benserazide. *Current Analytical Chemistry*, **2016**, 13, 46-51	1.7	10
157	Electrochemical determination of cysteamine in the presence of guanine and adenine using a carbon paste electrode modified with N-(4-hydroxyphenyl)-3,5-dinitrobenzamide and magnesium oxide nanoparticles. *Analytical Methods*, **2016**, 8, 5604-5610	3.2	19
156	Meet Our Editor. *Current Analytical Chemistry*, **2016**, 13, 1-2	1.7	
155	Fabrication of Fast and Sensitive Nanostructure Voltammetric Sensor for Determination of Curcumin in the Presence of Vitamin B9 in Food Samples. *Electroanalysis*, **2016**, 28, 2590-2597	3	19
154	A Novel Strategy for Determination of Paracetamol in the Presence of Morphine Using a Carbon Paste Electrode Modified with CdO Nanoparticles and Ionic Liquids. *Electroanalysis*, **2016**, 28, 366-371	3	53
153	Synergic effect of Pt-Co nanoparticles and a dopamine derivative in a nanostructured electrochemical sensor for simultaneous determination of N-acetylcysteine, paracetamol and folic acid. *Mikrochimica Acta*, **2016**, 183, 2957-2964	5.8	71
152	Electronic properties and reactivity trend for defect functionalization of single-walled carbon nanotube with B, Al, Ga atoms. *Synthetic Metals*, **2016**, 221, 242-246	3.6	18
151	Simultaneous determination of 6-mercaptopruine, 6-thioguanine and dasatinib as three important anticancer drugs using nanostructure voltammetric sensor employing Pt/MWCNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate. *Biosensors and Bioelectronics*, **2016**, 86, 879-884	11.8	194

150	Magnetic iron oxide and iron oxide@gold nanoparticle anchored nitrogen and sulfur-functionalized reduced graphene oxide electrocatalyst for methanol oxidation. *RSC Advances*, **2015**, 5, 26402-26409	3.7	137
149	Sensitive and selective determination of aqueous triclosan based on gold nanoparticles on polyoxometalate/reduced graphene oxide nanohybrid. *RSC Advances*, **2015**, 5, 65953-65962	3.7	150
148	A Novel DNA Biosensor Based on a Pencil Graphite Electrode Modified with Polypyrrole/Functionalized Multiwalled Carbon Nanotubes for Determination of 6-Mercaptopurine Anticancer Drug. *Industrial & Engineering Chemistry Research*, **2015**, 54, 3634-3639	3.9	350
147	Conductometric measurements of complexation study between 4-Isopropylcalix[4]arene and Cr3+ cation in THFDMSO binary solvents. *Measurement: Journal of the International Measurement Confederation*, **2015**, 70, 214-224	4.6	35
146	CoFe2O4@TiO2 decorated reduced graphene oxide nanocomposite for photocatalytic degradation of chlorpyrifos. *Journal of Molecular Liquids*, **2015**, 208, 122-129	6	136
145	A Nanostructure Based Electrochemical Sensor for Square Wave Voltammetric Determination of L-Cysteine in the Presence of High Concentration of Folic Acid. *Electroanalysis*, **2015**, 27, 1766-1773	3	34
144	Structural, magnetic and electron transfer effect of Cr additive on Fe65Co35 nanopowder fabricated mechanical alloying. *Powder Technology*, **2015**, 279, 262-268	5.2	7
143	Highly sensitive voltammetric sensor based on NiO nanoparticle room temperature ionic liquid modified carbon paste electrode for levodopa analysis. *Journal of Molecular Liquids*, **2015**, 208, 78-83	6	36
142	Facile and green fabrication of silver nanoparticles on a polyoxometalate for Li-ion battery. *Ionics*, **2015**, 21, 2193-2199	2.7	35
141	A sensitive molecularly imprinted polymer based quartz crystal microbalance nanosensor for selective determination of lovastatin in red yeast rice. *Food Chemistry*, **2015**, 185, 430-6	8.5	154
140	Electrochemical study of the antiplatelet agent ticlopidine and its voltammetric determination in pharmaceutical and urine samples using a boron-doped diamond electrode. *Analytical Methods*, **2015**, 7, 3750-3756	3.2	6
139	A theoretical study of solvent effects on the characteristics of the intramolecular hydrogen bond in Droxidopa. *Journal of Chemical Sciences*, **2015**, 127, 1007-1013	1.8	9
138	A nanostructure-based electrochemical sensor for square wave voltammetric determination of N-acetylcysteine in pharmaceutical and biological samples. *Ionics*, **2015**, 21, 1153-1161	2.7	9
137	Synthesis and characterization of ES/Cu(OH)2 nanocomposite: a novel and high effective catalyst in the green synthesis of pyrano[4,3-b]pyrans. *Materials Science and Engineering C*, **2015**, 46, 264-9	8.3	23
136	Liquid phase determination of isuprel in pharmaceutical and biological samples using a nanostructure modified carbon paste electrode. *Journal of Molecular Liquids*, **2015**, 201, 108-112	6	9
135	A Voltammetric Sensor for Simultaneous Determination of Vitamin C and Vitamin B6 in Food Samples Using ZrO2 Nanoparticle/Ionic Liquids Carbon Paste Electrode. *Food Analytical Methods*, **2015**, 8, 549-557	3.4	147
134	Evaluation of ZnO nanoparticle ionic liquid composite as a voltammetric sensing of isoprenaline in the presence of aspirin for liquid phase determination. *Journal of Molecular Liquids*, **2015**, 201, 102-107	6	86
133	Simultaneous determination of norepinephrine, acetaminophen and tryptophan using a modified graphene nanosheets paste electrode. *Research on Chemical Intermediates*, **2015**, 41, 6885-6896	2.8	20

132	Effects of Ethalassaemia mutations on the haematological parameters of Ethalassaemia carriers. *Journal of Clinical Pathology*, **2015**, 68, 562-6	3.9	15
131	A new voltammetric sensor for electrocatalytic determination of vitamin C in fruit juices and fresh vegetable juice using modified multi-wall carbon nanotubes paste electrode. *Journal of Food Science and Technology*, **2015**, 52, 276-284	3.3	39
130	ZnO nanoparticle-modified ionic liquid-carbon paste electrodefor voltammetric determination of folic acid in food and pharmaceutical samples. *Ionics*, **2014**, 20, 421-429	2.7	70
129	Voltammetric determination of captopril using a novel ferrocene-based polyamide as a mediator and multi-wall carbon nanotubes as a sensor. *Journal of Analytical Chemistry*, **2014**, 69, 162-168	1.1	12
128	A novel nanosensor based on Pt:Co nanoalloy ionic liquid carbon paste electrode for voltammetric determination of vitamin B9 in food samples. *LWT - Food Science and Technology*, **2014**, 57, 679-685	5.4	138
127	A new strategy for determination of bisphenol A in the presence of Sudan I using a ZnO/CNTs/ionic liquid paste electrode in food samples. *Food Chemistry*, **2014**, 158, 125-31	8.5	201
126	An electrochemical nanocomposite modified carbon paste electrode as a sensor for simultaneous determination of hydrazine and phenol in water and wastewater samples. *Environmental Science and Pollution Research*, **2014**, 21, 5879-88	5.1	91
125	A high sensitive biosensor based on FePt/CNTs nanocomposite/N-(4-hydroxyphenyl)-3,5-dinitrobenzamide modified carbon paste electrode for simultaneous determination of glutathione and piroxicam. *Biosensors and Bioelectronics*, **2014**, 60, 1-7	11.8	248
124	Electrocatalytic determination of captopril in real samples using NiO nanoparticle modified (9,10-dihydro-9,10-ethanoanthracene-11,12-dicarboximido)-4-ethylbenzene-1,2-diol carbon paste electrode. *Sensors and Actuators B: Chemical*, **2014**, 199, 47-53	8.5	23
123	ZnO/CNTs nanocomposite/ionic liquid carbon paste electrode for determination of noradrenaline in human samples. *Electrochimica Acta*, **2014**, 123, 456-462	6.7	71
122	An Electrochemical Nanosensor for Simultaneous Voltammetric Determination of Ascorbic Acid and Sudan I in Food Samples. *Food Analytical Methods*, **2014**, 7, 2169-2176	3.4	40
121	Nanostructure-based electrochemical sensor for determination of glutathione in hemolysed erythrocytes and urine. *Journal of Analytical Chemistry*, **2014**, 69, 892-898	1.1	4
120	Multi-walled carbon nanotubes decorated with palladium nanoparticles as a novel platform for electrocatalytic sensing applications. *RSC Advances*, **2014**, 4, 49595-49604	3.7	77
119	Application of 3,4-dihydroxycinnamic acid as a suitable mediator and multiwall carbon nanotubes as a sensor for the electrocatalytic determination of L-cysteine. *Chinese Journal of Catalysis*, **2014**, 35, 1166-1172	11.3	8
118	A voltammetric biosensor based on ionic liquid/NiO nanoparticle modified carbon paste electrode for the determination of nicotinamide adenine dinucleotide (NADH). *Sensors and Actuators B: Chemical*, **2014**, 204, 647-654	8.5	68
117	Synthesis, crystal structure and electrochemistry of cobalt(III) carboxamide complexes with amine and azide ancillary ligands. *Polyhedron*, **2014**, 68, 60-69	2.7	13
116	A voltammetric sensor based on NiO/CNTs ionic liquid carbon paste electrode for determination of morphine in the presence of diclofenac. *Materials Science and Engineering C*, **2014**, 35, 379-85	8.3	113
115	Application of CdO nanoparticle ionic liquid modified carbon paste electrode as a high sensitive biosensor for square wave voltammetric determination of NADH. *Materials Science and Engineering C*, **2014**, 45, 210-5	8.3	29

114	Square wave voltammetric determination of captopril in liquid phase using N-(4-hydroxyphenyl)-3,5-dinitrobenzamide modified ZnO/CNT carbon paste electrode as a novel electrochemical sensor. *Journal of Molecular Liquids*, **2014**, 198, 193-199	6	22
113	Electrocatalytic and Simultaneous Determination of Ascorbic Acid, Nicotinamide Adenine Dinucleotide and Folic Acid at Ruthenium(II) Complex-ZnO/CNTs Nanocomposite Modified Carbon Paste Electrode. *Electroanalysis*, **2014**, 26, 962-970	3	65
112	A novel biosensor for liquid phase determination of glutathione and amoxicillin in biological and pharmaceutical samples using a ZnO/CNTs nanocomposite/catechol derivative modified electrode. *Journal of Molecular Liquids*, **2014**, 196, 258-263	6	70
111	Voltammetric determination of cysteamine at multiwalled carbon nanotubes paste electrode in the presence of isoproterenol as a mediator. *Chinese Chemical Letters*, **2014**, 25, 1244-1246	8.1	18
110	A voltammetric sensor with a multiwall carbon nanotube paste electrode and naphthol green as a mediator for the determination of N-actylcysteine in the presence of tryptophan. *Chinese Journal of Catalysis*, **2014**, 35, 501-508	11.3	5
109	Solving multi-objective problems using SPEA2 and Tabu search **2014**,		1
108	Voltammetric determination of hydroxylamine in water and waste water samples using a NiO nanoparticle/new catechol derivative modified carbon paste electrode. *Journal of Electrochemical Science and Engineering*, **2014**, 4,	1.9	2
107	Square wave voltammetric determination of diclofenac in liquid phase using a novel ionic liquid multiwall carbon nanotubes paste electrode. *Journal of Molecular Liquids*, **2014**, 197, 114-119	6	42
106	Voltammetric sensor for simultaneous determination of ascorbic acid, acetaminophen, and tryptophan in pharmaceutical products. *Ionics*, **2014**, 20, 729-737	2.7	14
105	A sensitive nanocomposite-based electrochemical sensor for voltammetric simultaneous determination of isoproterenol, acetaminophen and tryptophan. *Measurement: Journal of the International Measurement Confederation*, **2014**, 51, 91-99	4.6	69
104	High sensitive voltammetric sensor based on Pt/CNTs nanocomposite modified ionic liquid carbon paste electrode for determination of Sudan I in food samples. *Food Chemistry*, **2013**, 141, 4311-7	8.5	225
103	A novel modified carbon paste electrode based on NiO/CNTs nanocomposite and (9, 10-dihydro-9, 10-ethanoanthracene-11, 12-dicarboximido)-4-ethylbenzene-1, 2-diol as a mediator for simultaneous determination of cysteamine, nicotinamide adenine dinucleotide and folic acid. *Biosensors and Bioelectronics*, **2013**, 43, 270-5	11.8	249
102	A novel electrochemical sensor based on ZnO nanoparticle and ionic liquid binder for square wave voltammetric determination of droxidopa in pharmaceutical and urine samples. *Sensors and Actuators B: Chemical*, **2013**, 186, 603-609	8.5	38
101	Synthesis and characterization of ferrocenecarboxaldehyde immobilized on modified SiO2/Al2O3 in nanoscale, application for determination of penicillamine. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	7
100	Ethynylferrocene/NiO/MWCNT nanocomposite modified carbon paste electrode as a novel voltammetric sensor for simultaneous determination of glutathione and acetaminophen. *Sensors and Actuators B: Chemical*, **2013**, 177, 70-77	8.5	188
99	A fast and sensitive nanosensor based on MgO nanoparticle room-temperature ionic liquid carbon paste electrode for determination of methyldopa in pharmaceutical and patient human urine samples. *Ionics*, **2013**, 19, 1907-1914	2.7	30
98	Selective and sensitive voltammetric sensor based on modified multiwall carbon nanotubes paste electrode for simultaneous determination of l-cysteine and folic acid. *Ionics*, **2013**, 19, 933-940	2.7	18
97	Novel nanostructured electrochemical sensor for voltammetric determination of N-acetylcysteine in the presence of high concentrations of tryptophan. *Ionics*, **2013**, 19, 665-672	2.7	15

96	Application of ZnO/CNTs Nanocomposite Ionic Liquid Paste Electrode as a Sensitive Voltammetric Sensor for Determination of Ascorbic Acid in Food Samples. *Food Analytical Methods*, **2013**, 6, 1639-1647	3.4	148
95	Multiwall carbon nanotube paste electrode with 3,4-dihydroxy-cinnamic acid as mediator for the determination of glutathione in pharmaceutical and urine samples. *Chinese Journal of Catalysis*, **2013**, 34, 1883-1889	11.3	27
94	Electrocatalytic measurement of methionine concentration with a carbon nanotube paste electrode modified with benzoylferrocene. *Chinese Journal of Catalysis*, **2013**, 34, 1333-1338	11.3	18
93	Voltammetric determination of 6-mercaptopurine using a multiwall carbon nanotubes paste electrode in the presence of isoprenaline as a mediator. *Journal of Molecular Liquids*, **2013**, 177, 182-189	6	47
92	A novel biosensor based on ZnO nanoparticle/1,3-dipropylimidazolium bromide ionic liquid-modified carbon paste electrode for square-wave voltammetric determination of epinephrine. *Physics and Chemistry of Liquids*, **2013**, 51, 704-714	1.5	63
91	Sensitive voltammetric determination of diclofenac using room-temperature ionic liquid-modified carbon nanotubes paste electrode. *Ionics*, **2013**, 19, 137-144	2.7	61
90	A new strategy for the selective determination of glutathione in the presence of nicotinamide adenine dinucleotide (NADH) using a novel modified carbon nanotube paste electrode. *Colloids and Surfaces B: Biointerfaces*, **2013**, 104, 186-93	6	65
89	Determination of nifedipine using nanostructured electrochemical sensor based on simple synthesis of Ag nanoparticles at the surface of glassy carbon electrode: Application to the analysis of some real samples. *Journal of Electroanalytical Chemistry*, **2013**, 697, 53-59	4.1	72
88	Electrochemical behavior of morphine at ZnO/CNT nanocomposite room temperature ionic liquid modified carbon paste electrode and its determination in real samples. *Journal of Molecular Liquids*, **2013**, 181, 8-13	6	102
87	Ionic liquid/multiwall carbon nanotubes paste electrode for square wave voltammetric determination of methyldopa. *Ionics*, **2013**, 19, 1163-1170	2.7	60
86	Synthesis and application of FePt/CNTs nanocomposite as a sensor and novel amide ligand as a mediator for simultaneous determination of glutathione, nicotinamide adenine dinucleotide and tryptophan. *Physical Chemistry Chemical Physics*, **2013**, 15, 5888-97	3.6	145
85	A new strategy for determination of hydroxylamine and phenol in water and waste water samples using modified nanosensor. *Environmental Science and Pollution Research*, **2013**, 20, 6584-93	5.1	33
84	Highly selective and sensitive voltammetric sensor based on modified multiwall carbon nanotube paste electrode for simultaneous determination of ascorbic acid, acetaminophen and tryptophan. *Materials Science and Engineering C*, **2013**, 33, 811-6	8.3	71
83	Application of ionic liquid-TiO2 nanoparticle modified carbon paste electrode for the voltammetric determination of benserazide in biological samples. *Materials Science and Engineering C*, **2013**, 33, 831-5	8.3	60
82	A Voltammetric Sensor Based on NiO Nanoparticle-Modified Carbon-Paste Electrode for Determination of Cysteamine in the Presence of High Concentration of Tryptophan. *Journal of Chemistry*, **2013**, 2013, 1-7	2.3	8
81	A new voltammetric sensor for the determination of sulfite in water and wastewater using modified-multiwall carbon nanotubes paste electrode. *International Journal of Environmental Analytical Chemistry*, **2013**, 93, 650-660	1.8	18
80	Electrocatalytic determination of cysteamine using multiwall carbon nanotube paste electrode in the presence of 3,4-dihydroxycinnamic acid as a homogeneous mediator. *Journal of the Brazilian Chemical Society*, **2013**, 24, 32-39	1.5	21
79	Sensitive voltammetric determination of epinephrine in the presence of acetaminophen at a novel ionic liquid modified carbon nanotubes paste electrode. *Journal of Molecular Liquids*, **2012**, 168, 69-74	6	169

78	New voltammetric strategy for determination of dopamine in the presence of high concentrations of acetaminophen, folic acid and N-acetylcysteine. *Journal of Molecular Liquids*, **2012**, 169, 130-135	6	21
77	Simultaneous Determination of Ascorbic Acid, Acetaminophen, and Tryptophan by Square Wave Voltammetry Using N-(3,4-Dihydroxyphenethyl)-3,5-Dinitrobenzamide-Modified Carbon Nanotubes Paste Electrode. *Electroanalysis*, **2012**, 24, 666-675	3	68
76	A new strategy for simultaneous determination of cysteamine in the presence of high concentration of tryptophan using vinylferrocene-modified multiwall carbon nanotubes paste electrode. *Journal of Solid State Electrochemistry*, **2012**, 16, 2949-2955	2.6	15
75	Fabrication of a sensor for simultaneous determination of norepinephrine, acetaminophen and tryptophan using a modified carbon nanotube paste electrode. *Analytical Methods*, **2012**, 4, 259-264	3.2	62
74	Optimization of an air drying process for Artemisia absinthium leaves using response surface and artificial neural network models. *Journal of the Taiwan Institute of Chemical Engineers*, **2012**, 43, 29-39	5.3	63
73	Application of modified multiwall carbon nanotubes paste electrode for simultaneous voltammetric determination of morphine and diclofenac in biological and pharmaceutical samples. *Sensors and Actuators B: Chemical*, **2012**, 169, 96-105	8.5	164
72	Voltammetric determination of carbidopa in the presence of uric acid and folic acid using a modified carbon nanotube paste electrode. *Journal of Molecular Liquids*, **2012**, 172, 66-70	6	21
71	Electrochemical behaviors and determination of carbidopa on carbon nanotubes ionic liquid paste electrode. *Journal of Molecular Liquids*, **2012**, 173, 137-143	6	118
70	Voltammetric determination of norepinephrine in the presence of acetaminophen using a novel ionic liquid/multiwall carbon nanotubes paste electrode. *Materials Science and Engineering C*, **2012**, 32, 1912-1918	8.3	71
69	A Facile One-Pot Synthesis of Substituted Quinolines via New Multicomponent Reaction. *Journal of Heterocyclic Chemistry*, **2012**, 49, 789-791	1.9	7
68	Carbon Paste Electrode Prepared from Chemically Modified Multiwall Carbon Nanotubes for the Voltammetric Determination of Isoprenaline in Pharmaceutical and Urine Samples. *Chinese Journal of Catalysis*, **2012**, 33, 1919-1926	11.3	37
67	New Modified-Multiwall Carbon Nanotubes Paste Electrode for Electrocatalytic Oxidation and Determination of Hydrazine Using Square Wave Voltammetry. *Chinese Journal of Catalysis*, **2012**, 33, 487-493	11.3	29
66	N-hexyl-3-methylimidazolium hexafluoro phosphate/multiwall carbon nanotubes paste electrode as a biosensor for voltammetric detection of morphine. *Journal of Molecular Liquids*, **2012**, 174, 42-47	6	32
65	Novel 8,9-dihydroxy-7-methyl-12H-benzothiazolo[2,3-b]quinazolin-12-one multiwalled carbon nanotubes paste electrode for simultaneous determination of ascorbic acid, acetaminophen and tryptophan. *Analytical Methods*, **2012**, 4, 3275	3.2	29
64	Electrocatalytic oxidation of captopril on a vinylferrocene modified carbon nanotubes paste electrode. *Analytical Methods*, **2012**, 4, 1332	3.2	14
63	p-Chloranil modified carbon nanotubes paste electrode as a voltammetric sensor for the simultaneous determination of methyldopa and uric acid. *Analytical Methods*, **2012**, 4, 2088	3.2	21
62	Modified multiwalled carbon nanotubes paste electrode as a sensor for the electrocatalytic determination of N-acetylcysteine in the presence of high concentrations of folic acid. *Analytical Methods*, **2012**, 4, 3268	3.2	6
61	Determination of 6-mercaptopurine in the presence of uric acid using modified multiwall carbon nanotubes-TiO2 as a voltammetric sensor. *Drug Testing and Analysis*, **2012**, 4, 970-7	3.5	32

60	Voltammetric determination of glutathione in haemolysed erythrocyte and tablet samples using modified-multiwall carbon nanotubes paste electrode. *Drug Testing and Analysis*, **2012**, 4, 978-85	3.5	23
59	Electrocatalytic determination of sulfite using a modified carbon nanotubes paste electrode: application for determination of sulfite in real samples. *Ionics*, **2012**, 18, 687-694	2.7	58
58	New voltammetric strategy for simultaneous determination of norepinephrine, acetaminophen, and folic acid using a 5-amino-3?,4?-dimethoxy-biphenyl-2-ol/carbon nanotube paste electrode. *Ionics*, **2012**, 18, 703-710	2.7	26
57	Electrochemical behavior of isoproterenol in the presence of uric acid and folic acid at a carbon paste electrode modified with 2,7-bis(ferrocenyl ethyl)fluoren-9-one and carbon nanotubes. *Journal of Solid State Electrochemistry*, **2012**, 16, 1701-1707	2.6	47
56	Simultaneous determination of cysteamine and folic acid in pharmaceutical and biological samples using modified multiwall carbon nanotube paste electrode. *Chinese Chemical Letters*, **2012**, 23, 237-240	8.1	33
55	Voltammetric determination of isoproterenol using a 5-amino-2?,4?-dimethoxybiphenyl-2-ol modified carbon nanotube paste electrode. *Chinese Chemical Letters*, **2012**, 23, 719-722	8.1	11
54	Process parameter impacts on adiponitrile current efficiency and cell voltage of an electromembrane reactor using emulsion-type catholyte. *Chemical Engineering Journal*, **2012**, 183, 402-407	14.7	25
53	Modified carbon nanotube paste electrode for voltammetric determination of carbidopa, folic Acid, and tryptophan. *Journal of Analytical Methods in Chemistry*, **2012**, 2012, 305872	2	15
52	Voltammetric determination of homocysteine using multiwall carbon nanotube paste electrode in the presence of chlorpromazine as a mediator. *Journal of Analytical Methods in Chemistry*, **2012**, 2012, 902184	2	10
51	Characterization of Mn-nanoparticles decorated organo-functionalized SiO2–Al2O3 mixed-oxide as a novel electrochemical sensor: application for the voltammetric determination of captopril. *Journal of Materials Chemistry*, **2011**, 21, 15022		77
50	Multi-wall carbon nanotubes as a sensor and ferrocene dicarboxylic acid as a mediator for voltammetric determination of glutathione in hemolysed erythrocyte. *Analytical Methods*, **2011**, 3, 2637	3.2	60
49	Molecularly imprinted-multiwall carbon nanotube paste electrode as a biosensor for voltammetric detection of rutin. *Analytical Methods*, **2011**, 3, 2510	3.2	45
48	Highly selective and sensitive voltammetric sensor for captopril determination based on modified multiwall carbon nanotubes paste electrode. *Journal of the Brazilian Chemical Society*, **2011**, 22, 1315-1322	1.5	26
47	A voltammetric sensor for the simultaneous determination of L-cysteine and tryptophan using a p-aminophenol-multiwall carbon nanotube paste electrode. *Analytical Sciences*, **2011**, 27, 409	1.7	56
46	Voltammetric determination of isoproterenol using multiwall carbon nanotubes-ionic liquid paste electrode. *Drug Testing and Analysis*, **2011**, 3, 325-30	3.5	56
45	Sensitive and selective determination of phenylhydrazine in the presence of hydrazine at a ferrocene-modified carbon nanotube paste electrode. *Environmental Chemistry Letters*, **2011**, 9, 375-381	13.3	55
44	Locating service centers optimizing customers perspective criteria. *International Journal of Advanced Manufacturing Technology*, **2011**, 54, 811-819	3.2	3
43	N-(3,4-Dihydroxyphenethyl)-3,5-dinitrobenzamide-Modified Multiwall Carbon Nanotubes Paste Electrode as a Novel Sensor for Simultaneous Determination of Penicillamine, Uric acid, and Tryptophan. *Electroanalysis*, **2011**, 23, 1478-1487	3	58

42	Synthesis and characterization of novel dopamine-derivative: Application of modified multi-wall carbon nanotubes paste electrode for electrochemical investigation. *Chinese Chemical Letters*, **2011** , 22, 185-188	8.1	11
41	Determination of isoproterenol and uric acid by voltammetric method using carbon nanotubes paste electrode and p-chloranil. *Colloids and Surfaces B: Biointerfaces*, **2011**, 84, 148-54	6	39
40	Highly sensitive voltammetric sensor based on catechol-derivative-multiwall carbon nanotubes for the catalytic determination of captopril in patient human urine samples. *Colloids and Surfaces B: Biointerfaces*, **2011**, 87, 480-8	6	106
39	Oxidation of ethylbenzene using some recyclable cobalt nanocatalysts: The role of linker and electrochemical study. *Journal of Molecular Catalysis A*, **2011**,		8
38	Simultaneous determination of N-acetylcysteine and acetaminophen by voltammetric method using N-(3,4-dihydroxyphenethyl)-3,5-dinitrobenzamide modified multiwall carbon nanotubes paste electrode. *Sensors and Actuators B: Chemical*, **2011**, 155, 464-472	8.5	171
37	A quantum mechanical transport approach to simulation of quadruple gate silicon nanowire transistor. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 10476-9	1.3	2
36	An Experimental Study of the Competing Cathodic Reactions in Electrohydrodimerization of Acrylonitrile. *Journal of the Electrochemical Society*, **2011**, 158, E129	3.9	8
35	Sequential determination of benserazide and levodopa by voltammetric method using chloranil as a mediator. *Journal of the Brazilian Chemical Society*, **2010**, 21, 1572-1580	1.5	18
34	Simultaneous Determination of Dopamine and Uric Acid by Electrocatalytic Oxidation on a Carbon Paste Electrode Using Pyrogallol Red as a Mediator. *Analytical Letters*, **2010**, 43, 1976-1988	2.2	28
33	Synthesis of Novel Chiral Ionic Liquid and Its Application in Reduction of Prochiral Ketones to the Corresponding Chiral Alcohols Using NaBH4. *Synthetic Communications*, **2010**, 40, 1784-1793	1.7	13
32	Fast and sensitive determination of captopril by voltammetric method using ferrocenedicarboxylic acid modified carbon paste electrode. *Journal of Solid State Electrochemistry*, **2010**, 14, 9-15	2.6	74
31	Voltammetric measurement of trace amount of glutathione using multiwall carbon nanotubes as a sensor and chlorpromazine as a mediator. *Journal of Solid State Electrochemistry*, **2010**, 14, 1415-1423	2.6	67
30	A Voltammetric Sensor Based on Modified Multiwall Carbon Nanotubes for Cysteamine Determination in the Presence of Tryptophan Using p-Aminophenol as a Mediator. *Electroanalysis*, **2010**, 22, 2558-2568	3	60
29	Preparation of Pd (0) and Pd (II) nanotubes and nanoparticles on modified bentonite and their catalytic activity in oxidation of ethyl benzene to acetophenone. *Applied Catalysis A: General*, **2010**, 381, 121-131	5.1	38
28	Modified multiwall carbon nanotubes paste electrode as a sensor for simultaneous determination of 6-thioguanine and folic acid using ferrocenedicarboxylic acid as a mediator. *Journal of Electroanalytical Chemistry*, **2010**, 640, 75-83	4.1	229
27	Electrocatalytic oxidation of thiosulfate at 2,7-bis(ferrocenylethyl)-fluoren-9-one-modified carbon paste electrode (2,7-BFEFMCPE): Application to the catalytic determination of thiosulfate in real sample. *Chinese Chemical Letters*, **2010**, 21, 1462-1466	8.1	14
26	Determination of captopril in patient human urine using ferrocenemonocarboxylic acid modified carbon nanotubes paste electrode. *Chinese Chemical Letters*, **2010**, 21, 1467-1470	8.1	55
25	p-Aminophenol-multiwall carbon nanotubes-TiO2 electrode as a sensor for simultaneous determination of penicillamine and uric acid. *Colloids and Surfaces B: Biointerfaces*, **2010**, 81, 42-9	6	62

24	Ferrocenedicarboxylic acid modified carbon paste electrode: a sensor for electrocatalytic determination of hydrochlorothiazide. *Journal of the Brazilian Chemical Society*, **2009**, 20, 880-887	1.5	50
23	Electrochemical detection of carbidopa using a ferrocene-modified carbon nanotube paste electrode. *Journal of the Serbian Chemical Society*, **2009**, 74, 1443-1453	0.9	18
22	Electrocatalytic oxidation of glutathione at carbon paste electrode modified with 2,7-bis (ferrocenyl ethyl) fluoren-9-one: application as a voltammetric sensor. *Journal of Applied Electrochemistry*, **2009**, 39, 1169-1175	2.6	55
21	Electrochemical oxidation of catechol in the presence of an aromatic amine in aqueous media. *Journal of Applied Electrochemistry*, **2009**, 39, 1651-1654	2.6	7
20	Electrocatalytic Determination of Ampicillin Using Carbon-Paste Electrode Modified with Ferrocendicarboxylic Acid. *Analytical Letters*, **2009**, 42, 584-599	2.2	22
19	Sensitive and Selective Determination of Phenylhydrazine in the Presence of Hydrazine at a Ferrocene Monocarboxylic Acid Modified Carbon Nanotube Paste Electrode. *Analytical Letters*, **2009**, 43, 186-196	2.2	23
18	Nanomolar and selective determination of epinephrine in the presence of norepinephrine using carbon paste electrode modified with carbon nanotubes and novel 2-(4-oxo-3-phenyl-3,4-dihydro-quinazolinyl)-N'-phenyl-hydrazinecarbothioamide. *Analytical Chemistry*, **2008**, 80, 9848-51	7.8	393
17	Voltammetric determination of l-cysteic acid on a 1-[4-(ferrocenyl-ethynyl)phenyl]-1-ethanone modified carbon paste electrode. *Bulletin of the Chemical Society of Ethiopia*, **2008**, 22,	1.2	5
16	Carbon Paste Electrode Incorporating 1-[4-(Ferrocenyl Ethynyl) Phenyl]-1-Ethanone for Electrocatalytic and Voltammetric Determination of Tryptophan. *Electroanalysis*, **2008**, 20, 1259-1262	3	114
15	Electrocatalytic Determination of 6-Tioguanine at a p-Aminophenol Modified Carbon Paste Electrode. *Electroanalysis*, **2008**, 20, 1973-1979	3	60
14	Fault detection in a tristate system environment. *IEEE Micro*, **2001**, 21, 77-85	1.8	2
13			2
12			2
11	Fe3O4@Au-rGO Nanocomposite/Ionic Liquid Modified Sensor for Ultrasensitive and Selective Sensing of Doxorubicin. *Topics in Catalysis*,1	2.3	2
10	Polyaniline-Manganese Ferrite Supported PlatinumRuthenium Nanohybrid Electrocatalyst: Synergizing Tailoring Toward Boosted Ethanol Oxidation Reaction. *Topics in Catalysis*,1	2.3	6
9	Recent Development of Renewable Diesel Production Using Bimetallic Catalysts. *Frontiers in Energy Research*,9,	3.8	3
8	Assessment of heavy metal contamination and its sources in urban soils of district Hyderabad, Pakistan using GIS and multivariate analysis. *International Journal of Environmental Science and Technology*,1	3.3	2
7	An overview of the applications of ionic fluids and deep eutectic solvents enhanced by nanoparticles. *Journal of Thermal Analysis and Calorimetry*,1	4.1	0

6	Bioethanol production from pomegranate peel by simultaneous saccharification and fermentation process. *Biomass Conversion and Biorefinery*,1	2.3	4
5	Solid-state fermentation as an alternative technology for cost-effective production of bioethanol as useful renewable energy: a review. *Biomass Conversion and Biorefinery*,1	2.3	4
4	Mapping and Scientometric Measures on Research Publications of Energy Storage and Conversion. *Topics in Catalysis*,1	2.3	
3	Nanochemistry approach for the fabrication of Fe and N co-decorated biomass-derived activated carbon frameworks: a promising oxygen reduction reaction electrocatalyst in neutral media. *Journal of Nanostructure in Chemistry*,1	7.6	25
2	Fast and Unique Electrochemical Sensor Amplified with MgO/CNTs and Ionic Liquid for Monitoring of Isuprel in Pharmaceutical and Biological Fluid Samples. *Topics in Catalysis*,1	2.3	1
1	A brief review on the recent achievements in electrochemical detection of folic acid. *Journal of Food Measurement and Characterization*,	2.8	