Rajendra N Goyal

List of Publications by Year
in descending order

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186 papers	7,763 citations	50170 46 h-index	58464 82 g-index
188 all docs	188 docs citations	188 times ranked	5910 citing authors

#	Article	IF	Citations
1	Simultaneous determination of melatonin and 5-hydroxytrptophan at the disposable poly-(melamine)/poly-(o-aminophenol) composite modified screen printed sensor. Journal of Electroanalytical Chemistry, 2020, 874, 114458.	1.9	15
2	Edge plane pyrolytic graphite as a sensing surface for the determination of fluvoxamine in urine samples of obsessive-compulsive disorder patients. Biosensors and Bioelectronics, 2020, 168, 112489.	5.3	7
3	Determination of Tryptophan at Carbon Nanomaterials Modified Glassy Carbon Sensors: A Comparison. Journal of the Electrochemical Society, 2020, 167, 066504.	1.3	6
4	Comparison of Different Unmodified and Nano-Material Modified Sensors for the Ultrasensitive Determination of Serotonin. Journal of the Electrochemical Society, 2020, 167, 027539.	1.3	6
5	Electrochemical Determination of Diacerein, An Anti-Osteoarthritis Drug at Unmodified Pyrolytic Graphite Surface. Journal of the Electrochemical Society, 2019, 166, B1695-B1700.	1.3	4
6	Simultaneous detection of ATP metabolites in human plasma and urine based on palladium nanoparticle and poly(bromocresol green) composite sensor. Biosensors and Bioelectronics, 2019, 126, 758-766.	5.3	19
7	A Simple and Highly Selective Determination of Telmisartan at Sodium Dodecyl Sulfate Modified Pyrolytic Graphite Surface. Electroanalysis, 2018, 30, 892-900.	1.5	9
8	Silver nanoparticles decorated graphene nanoribbon modified pyrolytic graphite sensor for determination of histamine. Sensors and Actuators B: Chemical, 2018, 268, 383-391.	4.0	52
9	Conducting polymer-based electrochemical biosensors for neurotransmitters: A review. Biosensors and Bioelectronics, 2018, 102, 540-552.	5.3	292
10	A melamine based molecularly imprinted sensor for the determination of 8-hydroxydeoxyguanosine in human urine. Talanta, 2017, 166, 215-222.	2.9	28
11	A poly-(melamine)/poly-(glutamic acid) based electrochemical sensor for sensitive determination of 2-Thioxanthine. Sensors and Actuators B: Chemical, 2017, 250, 552-562.	4.0	16
12	Melamine/Fe₃O₄Nanoparticles Based Molecular Imprinted Highly Sensitive Sensor for Determination of Hydrochlorothiazide: An Antihypertensive Drug. Journal of the Electrochemical Society, 2017, 164, B240-B246.	1.3	12
13	Gold-palladium nanoparticles aided electrochemically reduced graphene oxide sensor for the simultaneous estimation of lomefloxacin and amoxicillin. Sensors and Actuators B: Chemical, 2017, 243, 658-668.	4.0	86
14	Graphene Nanoribbons/Poly-Bromocresol Green Based Sensor for the Simultaneous Determination of 3,4-Dihydroxyphenylacetic Acid and 5-Hydroxyindoleacetic Acid. Journal of the Electrochemical Society, 2017, 164, B695-B703.	1.3	10
15	A Novel Hybrid Nanoâ€composite Grafted Electrochemically Reduced Graphene Oxide Based Sensor for Sensitive Determination of Efavirenz. Electroanalysis, 2017, 29, 456-465.	1.5	7
16	Graphene/conducting polymer nano-composite loaded screen printed carbon sensor for simultaneous determination of dopamine and 5-hydroxytryptamine. Sensors and Actuators B: Chemical, 2017, 239, 993-1002.	4.0	117
17	Palladium nano particles decorated multi-walled carbon nanotubes modified sensor for the determination of 5-hydroxytryptophan in biological fluids. Sensors and Actuators B: Chemical, 2017, 239, 1060-1068.	4.0	26
18	A facile method to anchor reduced graphene oxide polymer nanocomposite on the glassy carbon surface and its application in the voltammetric estimation of tryptophan in presence of 5-hydroxytryptamine. Sensors and Actuators B: Chemical, 2016, 233, 445-453.	4.0	36

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19	Determination of 8-Hydroxydeoxyguanosine: A potential biomarker of oxidative stress, using carbon-allotropic nanomaterials modified glassy carbon sensor. Talanta, 2016, 161, 735-742.	2.9	34
20	Amino Functionalized Graphene Oxide and Polymer Nanocomposite Based Electrochemical Platform for Sensitive Assay of Anti-Doping Drug Atenolol in Biological Fluids. Journal of the Electrochemical Society, 2016, 163, B601-B608.	1.3	13
21	Nanopalladium grained polymer nanocomposite based sensor for the sensitive determination of Melatonin. Electrochimica Acta, 2016, 211, 18-26.	2.6	45
22	Research progress in electroanalytical techniques for determination of antimalarial drugs in pharmaceutical and biological samples. RSC Advances, 2016, 6, 57580-57602.	1.7	26
23	Poly-Melamine Film Modified Sensor for the Sensitive and Selective Determination of Propranolol, a Î²-blocker in Biological Fluids. Journal of the Electrochemical Society, 2016, 163, H388-H394.	1.3	16
24	Electrochemical investigations of 8-hydroxydeoxyguanosine and its determination at an edge plane pyrolytic graphite electrode. RSC Advances, 2016, 6, 1722-1728.	1.7	17
25	High energy carbon ion beam irradiated sensor for the voltammetric sensing of purine nucleosides of DNA. Sensors and Actuators B: Chemical, 2016, 223, 884-892.	4.0	2
26	Simultaneous analysis of dopamine and 5-hydroxyindoleacetic acid at nanogold modified screen printed carbon electrodes. Sensors and Actuators B: Chemical, 2015, 213, 72-81.	4.0	34
27	A categorical review on electroanalytical determination of non-narcotic over-the-counter abused antitussive drugs. Talanta, 2015, 142, 157-163.	2.9	6
28	Gold nanoparticles decorated poly-melamine modified glassy carbon sensor for the voltammetric estimation of domperidone in pharmaceuticals and biological fluids. Talanta, 2015, 141, 53-59.	2.9	16
29	A Simple and Sensitive Polyâ€1,5â€Diaminonaphthalene Modified Sensor for the Determination of Sulfamethoxazole in Biological Samples. Electroanalysis, 2015, 27, 1229-1237.	1.5	22
30	Graphene and Co-polymer composite based molecularly imprinted sensor for ultratrace determination of melatonin in human biological fluids. RSC Advances, 2015, 5, 40444-40454.	1.7	49
31	NiOâ€“ZrO₂nanocomposite modified electrode for the sensitive and selective determination of efavirenz, an anti-HIV drug. RSC Advances, 2015, 5, 40057-40064.	1.7	18
32	Graphene modified glassy carbon sensor for the determination of aspirin metabolites in human biological samples. Talanta, 2015, 143, 328-334.	2.9	20
33	Structural and electrochemical characterization of carbon ion beam irradiated reduced graphene oxide and its application in voltammetric determination of norepinephrine. RSC Advances, 2015, 5, 87504-87511.	1.7	13
34	Glutaraldehyde sandwiched amino functionalized polymer based aptasensor for the determination and quantification of chloramphenicol. RSC Advances, 2015, 5, 69356-69364.	1.7	19
35	A carbon ion beam irradiated MWCNT/AuNPs composite sensor for a sensitive assay of purine-nucleosides of DNA. RSC Advances, 2015, 5, 102300-102310.	1.7	1
36	Estimation of Amoxicillin in Presence of High Concentration of Uric Acid and Other Urinary Metabolites Using an Unmodified Pyrolytic Graphite Sensor. Journal of the Electrochemical Society, 2015, 162, G8-G13.	1.3	16

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37	A Sensitive Polymelamine Modified Sensor for the Determination of Lomefloxacin in Biological Fluids. Journal of the Electrochemical Society, 2015, 162, H86-H92.	1.3	13
38	Electroanalysis of antitubercular drugs in pharmaceutical dosage forms and biological fluids: A review. Analytica Chimica Acta, 2015, 853, 59-76.	2.6	40
39	Sensitive determination of domperidone in biological fluids using a conductive polymer modified glassy carbon electrode. Electrochimica Acta, 2015, 151, 1-7.	2.6	19
40	Graphene modified Palladium sensor for electrochemical analysis of norepinephrine in pharmaceuticals and biological fluids. Electrochimica Acta, 2014, 125, 622-629.	2.6	78
41	Molecularly imprinted sensor based on o-aminophenol for the selective determination of norepinephrine in pharmaceutical and biological samples. Talanta, 2014, 125, 167-173.	2.9	34
42	In vitro chloramphenicol detection in a Haemophilus influenza model using an aptamer-polymer based electrochemical biosensor. Biosensors and Bioelectronics, 2014, 55, 337-342.	5.3	112
43	Carbon nanotube embedded poly 1,5-diaminonapthalene modified pyrolytic graphite sensor for the determination of sulfacetamide in pharmaceutical formulations. Talanta, 2014, 118, 96-103.	2.9	34
44	A Biocompatible Nano Gold Modified Palladium Sensor for Determination of Dopamine in Biological Fluids. Journal of the Electrochemical Society, 2014, 161, H41-H46.	1.3	18
45	Chiral Recognition of Proline Enantiomers by the Catalytic Oxygen Reduction and Formation of Cu(II)â€Polymer Complex Crystals. Electroanalysis, 2014, 26, 2110-2117.	1.5	2
46	A novel graphene and conductive polymer modified pyrolytic graphite sensor for determination of propranolol in biological fluids. Sensors and Actuators B: Chemical, 2014, 204, 791-798.	4.0	40
47	A novel nanogoldâ€“single wall carbon nanotube modified sensor for the electrochemical determination of 8-hydroxyguanine, a diabetes risk biomarker. Bioelectrochemistry, 2014, 99, 24-29.	2.4	13
48	Polymelamine modified edge plane pyrolytic graphite sensor for the electrochemical assay of serotonin. Talanta, 2014, 120, 17-22.	2.9	75
49	A Sensitive Pyrolytic Graphite Sensor for Determination of Omeprazole in Human Blood Plasma and Pharmaceuticals. Journal of the Electrochemical Society, 2014, 161, H255-H259.	1.3	16
50	Magnetron sputtered Cu3N/NiTiCu shape memory thin film heterostructures for MEMS applications. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	16
51	Chromatography-Based Determination of Anabolic Steroids in Biological Fluids: Future Prospects Using Electrochemistry and Miniaturized Microchip Device. Chromatographia, 2013, 76, 1439-1448.	0.7	3
52	Simultaneous Monitoring of Aspirin, Paracetamol and Caffeine in Human Urine at Poly-1,5-diaminonapthalene Modified Pyrolytic Graphite Sensor. Journal of the Electrochemical Society, 2013, 160, G3014-G3019.	1.3	9
53	Detection of norfloxacin and monitoring its effect on caffeine catabolism in urine samples. Biosensors and Bioelectronics, 2013, 47, 307-312.	5.3	49
54	A review on determination of steroids in biological samples exploiting nanobio-electroanalytical methods. Analytica Chimica Acta, 2013, 762, 14-24.	2.6	65

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55	AuNPs-poly-DAN modified pyrolytic graphite sensor for the determination of Cefpodoxime Proxetil in biological fluids. Talanta, 2013, 108, 30-37.	2.9	29
56	Electrochemical investigations of mometasone furoate, a topical corticosteroid, in micellar medium. Journal of Electroanalytical Chemistry, 2013, 695, 17-23.	1.9	6
57	Investigation on the downregulation of dopamine by acetaminophen administration based on their simultaneous determination in urine. Biosensors and Bioelectronics, 2013, 39, 139-144.	5.3	77
58	Gold Nanoparticles and Nanocomposites in Clinical Diagnostics Using Electrochemical Methods. Journal of Nanoparticles, 2013, 2013, 1-12.	1.4	51
59	The electrochemical sensor for methanol detection using silicon epoxy coated platinum nanoparticles. Sensors and Actuators B: Chemical, 2012, 174, 45-50.	4.0	39
60	Ag ion irradiated based sensor for the electrochemical determination of epinephrine and 5-hydroxytryptamine in human biological fluids. Analytica Chimica Acta, 2012, 743, 33-40.	2.6	31
61	Electrochemical and peroxidase-catalyzed oxidation of epinephrine. Electrochimica Acta, 2012, 59, 492-498.	2.6	16
62	Electrochemical sensor for the sensitive determination of norfloxacin in human urine and pharmaceuticals. Bioelectrochemistry, 2012, 83, 46-51.	2.4	62
63	Carbon nanotube-based electrochemical sensor for the determination of halobetasol propionate, a topical corticosteroid. Journal of Applied Electrochemistry, 2012, 42, 31-39.	1.5	6
64	Simultaneous determination of epinephrine and norepinephrine in human blood plasma and urine samples using nanotubes modified edge plane pyrolytic graphite electrode. Talanta, 2011, 84, 78-83.	2.9	74
65	Effect of surface modification of indium tin oxide by nanoparticles on the electrochemical determination of tryptophan. Talanta, 2011, 85, 2626-2631.	2.9	55
66	Electrochemical Sensor Based on Oxidation of 2,8â€Ðihydroxyadenine to Monitor DNA Damage in Calf Thymus DNA. Electroanalysis, 2011, 23, 1383-1390.	1.5	4
67	Effect of gold nanoparticle attached multi-walled carbon nanotube-layered indium tin oxide in monitoring the effect of paracetamol on the release of epinephrine. Analytica Chimica Acta, 2011, 693, 35-40.	2.6	26
68	A novel multi-walled carbon nanotube modified sensor for the selective determination of epinephrine in smokers. Electrochimica Acta, 2011, 56, 2717-2724.	2.6	62
69	Electrochemical sensor for the simultaneous determination of caffeine and aspirin in human urine samples. Journal of Electroanalytical Chemistry, 2011, 655, 97-102.	1.9	79
70	Nanogold based electrochemical sensor for determination of norepinephrine in biological fluids. Sensors and Actuators B: Chemical, 2011, 153, 232-238.	4.0	42
71	Application of modified pyrolytic graphite electrode as a sensor in the simultaneous assay of adenine and adenosine monophosphate. Sensors and Actuators B: Chemical, 2011, 156, 198-203.	4.0	19
72	Single-Walled-Carbon-Nanotube-Modified Pyrolytic Graphite Electrode Used as a Simple Sensor for the Determination of Salbutamol in Urine. International Journal of Electrochemistry, 2011, 2011, 1-8.	2.4	9

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73	Electrochemical investigations of diclofenac at edge plane pyrolytic graphite electrode and its determination in human urine. Sensors and Actuators B: Chemical, 2010, 145, 743-748.	4.0	82
74	Effect of Cetyltrimethyl Ammonium Bromide on Electrochemical Determination of Dexamethasone. Electroanalysis, 2010, 22, 2330-2338.	1.5	15
75	Voltammetric biosensors for the determination of paracetamol at carbon nanotube modified pyrolytic graphite electrode. Sensors and Actuators B: Chemical, 2010, 149, 252-258.	4.0	389
76	Electrochemical investigations of corticosteroid isomersâ€"testosterone and epitestosterone and their simultaneous determination in human urine. Analytica Chimica Acta, 2010, 657, 147-153.	2.6	40
77	Voltammetric determination of amlodipine besylate in human urine and pharmaceuticals. Bioelectrochemistry, 2010, 79, 234-240.	2.4	73
78	Effect of single walled carbon nanotubeâ€"cetyltrimethyl ammonium bromide nanocomposite film modified pyrolytic graphite on the determination of betamethasone in human urine. Colloids and Surfaces B: Biointerfaces, 2010, 77, 200-205.	2.5	13
79	Sensitive voltammetric sensor for the determination of oxidative DNA damage in calf thymus DNA. Biosensors and Bioelectronics, 2010, 26, 463-469.	5.3	15
80	The effect of modifying an edge-plane pyrolytic graphite electrode with single-wall carbon nanotubes on its use for sensing diclofenac. Carbon, 2010, 48, 4136-4144.	5.4	71
81	Substrate Dependent Structural and Magnetic Properties of Pulsed Laser Deposited Fe₃O₄ Thin Films. Journal of Nanoscience and Nanotechnology, 2010, 10, 8018-8025.	0.9	10
82	A comparison of edge- and basal-plane pyrolytic graphite electrodes towards the sensitive determination of hydrocortisone. Talanta, 2010, 83, 149-155.	2.9	37
83	A Sensitive Voltammetric Sensor for Detecting Betamethasone in Biological Fluids. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 610-618.	0.6	7
84	Fabrication of Î±-Fe₂O₃ Nanopowder Modified Glassy Carbon Electrode for Applications in Electrochemical Sensing. Journal of Nanoscience and Nanotechnology, 2009, 9, 4692-4699.	0.9	32
85	Growth and characterization of iron oxide nanocrystalline thin films via low-cost ultrasonic spray pyrolysis. Materials Chemistry and Physics, 2009, 116, 638-644.	2.0	33
86	Fullerene C60 modified gold electrode and nanogold modified indium tin oxide electrode for prednisolone determination. Bioelectrochemistry, 2009, 74, 272-277.	2.4	32
87	Fullerene-C60-modified edge plane pyrolytic graphite electrode for the determination of dexamethasone in pharmaceutical formulations and human biological fluids. Biosensors and Bioelectronics, 2009, 24, 1649-1654.	5.3	250
88	Comparison of spherical nanogold particles and nanogold plates for the oxidation of dopamine and ascorbic acid. Journal of Electroanalytical Chemistry, 2009, 631, 58-61.	1.9	43
89	Aluminium (III)-selective PVC membrane sensor based on a Schiff base complex of N,Nâ€²-bis (salicylidene)-1, 2-cyclohexanediamine. Electrochimica Acta, 2009, 54, 3218-3224.	2.6	53
90	Chloride selective potentiometric sensor based on a newly synthesized hydrogen bonding anion receptor. Electrochimica Acta, 2009, 54, 4216-4222.	2.6	64

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91	Sensitive voltammetric sensor for determination of flumethasone pivalate, abused for doping by athletes. Sensors and Actuators B: Chemical, 2009, 137, 676-680.	4.0	10
92	A sensitive voltammetric sensor for determination of synthetic corticosteroid triamcinolone, abused for doping. Biosensors and Bioelectronics, 2009, 24, 3562-3568.	5.3	250
93	Effect of substrate and embedded metallic impurities of fullerene in the determination of nandrolone. Analytica Chimica Acta, 2009, 643, 95-99.	2.6	13
94	Comparative studies of neodymium (III)-selective PVC membrane sensors. Analytica Chimica Acta, 2009, 647, 66-71.	2.6	183
95	Comparative studies of praseodymium(III) selective sensors based on newly synthesized Schiff's bases. Analytica Chimica Acta, 2009, 653, 161-166.	2.6	48
96	Comparative studies of ONNO-based ligands as ionophores for palladium ion-selective membrane sensors. Talanta, 2009, 78, 484-490.	2.9	18
97	Fabrication and nanoindentation properties of TiN/NiTi thin films and their applications in electrochemical sensing. Talanta, 2009, 78, 964-969.	2.9	20
98	Simultaneous voltammetric determination of prednisone and prednisolone in human body fluids. Talanta, 2009, 79, 768-774.	2.9	33
99	A single-wall carbon nanotubes modified edge plane pyrolytic graphite sensor for determination of methylprednisolone in biological fluids. Talanta, 2009, 80, 586-592.	2.9	22
100	In situ high temperature XRD studies of ZnO nanopowder prepared via cost effective ultrasonic mist chemical vapour deposition. Bulletin of Materials Science, 2008, 31, 573-577.	0.8	121
101	Sensors for 5-hydroxytryptamine and 5-hydroxyindole acetic acid based on nanomaterial modified electrodes. Sensors and Actuators B: Chemical, 2008, 134, 816-821.	4.0	202
102	Simultaneous voltammetric determination of dopamine and adenosine using a single walled carbon nanotube â€“ Modified glassy carbon electrode. Carbon, 2008, 46, 1556-1562.	5.4	55
103	Voltammetric determination of bisoprolol fumarate in pharmaceutical formulations and urine using single-wall carbon nanotubes modified glassy carbon electrode. Electrochimica Acta, 2008, 53, 2802-2808.	2.6	44
104	Electrochemical oxidation of 2â€²,3â€²-dideoxyadenosine at pyrolytic graphite electrode. Electrochimica Acta, 2008, 53, 5354-5360.	2.6	223
105	Effect of graphite and metallic impurities of C60 fullerene on determination of salbutamol in biological fluids. Talanta, 2008, 75, 63-69.	2.9	32
106	Simultaneous determination of adenosine and inosine using single-wall carbon nanotubes modified pyrolytic graphite electrode. Talanta, 2008, 76, 662-668.	2.9	200
107	Anion recognition using newly synthesized hydrogen bonding disubstituted phenylhydrazone-based receptors: Poly(vinyl chloride)-based sensor for acetate. Talanta, 2008, 76, 859-864.	2.9	102
108	Intrinsic magnetism in Zn_{1â^'x}Co_xO (0.03â‰¤xâ‰¤0.10) thin films prepared by ultrasonic spray pyrolysis. Journal of Physics Condensed Matter, 2008, 20, 315005.	0.7	17

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109	Nickel(II)-selective sensor based on dibenzo-18-crown-6 in PVC matrix. Talanta, 2007, 71, 795-800.	2.9	37
110	Voltammetric determination of adenosine and guanosine using fullerene-C60-modified glassy carbon electrode. Talanta, 2007, 71, 1110-1117.	2.9	184
111	Voltammetric determination of anabolic steroid nandrolone at gold nanoparticles modified ITO electrode in biological fluids. Talanta, 2007, 72, 140-144.	2.9	24
112	Gold nanoparticles modified indium tin oxide electrode for the simultaneous determination of dopamine and serotonin: Application in pharmaceutical formulations and biological fluids. Talanta, 2007, 72, 976-983.	2.9	227
113	Simultaneous determination of guanosine and guanosine-5â€²-triphosphate in biological sample using gold nanoparticles modified indium tin oxide electrode. Analytica Chimica Acta, 2007, 581, 32-36.	2.6	37
114	Fullerene-C60-modified electrode as a sensitive voltammetric sensor for detection of nandroloneâ€”An anabolic steroid used in doping. Analytica Chimica Acta, 2007, 597, 82-89.	2.6	345
115	Differential pulse voltammetric determination of methylprednisolone in pharmaceuticals and human biological fluids. Analytica Chimica Acta, 2007, 605, 34-40.	2.6	45
116	Determination of methylprednisolone acetate in biological fluids at gold nanoparticles modified ITO electrode. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 1147-1153.	1.4	12
117	Fast determination of salbutamol, abused by athletes for doping, in pharmaceuticals and human biological fluids by square wave voltammetry. Journal of Electroanalytical Chemistry, 2007, 611, 140-148.	1.9	51
118	Voltammetric determination of atenolol at C60-modified glassy carbon electrodes. Talanta, 2006, 69, 932-937.	2.9	82
119	A new Zn(II)-selective potentiometric sensor based on 4-tert-butylcalix[4]arene in PVC matrix. Talanta, 2006, 69, 1149-1155.	2.9	34
120	Electrochemical Investigations of Biologically Active 1-(3-Hydroxy-2-pyridyl)-4,4,6-trimethyl-3,4-dihydropyrimidine-2[1H]-thione at Pyrolytic Graphite Electrode. Bulletin of the Chemical Society of Japan, 2006, 79, 569-576.	2.0	2
121	Differential pulse voltammetric determination of atenolol in pharmaceutical formulations and urine using nanogold modified indium tin oxide electrode. Electrochemistry Communications, 2006, 8, 65-70.	2.3	180
122	Electrooxidation of biologically important hypoxanthine nucleosides and nucleotides at solid electrodes. Electrochimica Acta, 2006, 52, 1226-1233.	2.6	2
123	Voltammetric determination of paracetamol at C60-modified glassy carbon electrode. Electrochimica Acta, 2006, 51, 3008-3012.	2.6	211
124	Controlled potential electrolysis of inosine: Dependence of the selected potential on the nature of the electrooxidised products. Journal of Electroanalytical Chemistry, 2006, 592, 14-24.	1.9	4
125	Electrochemical oxidation of inosine 5â€²-monophosphate in neutral aqueous solution. Journal of Electroanalytical Chemistry, 2006, 591, 159-167.	1.9	12
126	Oxidation chemistry of 2â€²-deoxyadenosine at pyrolytic graphite electrode. Bioelectrochemistry, 2006, 69, 223-233.	2.4	8

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127	Electron transfer reaction and mechanism of oxidation of Inosine. Electrochimica Acta, 2006, 51, 5095-5102.	2.6	3
128	Electrochemical oxidation of inosine-5â€²-triphosphate at pyrolytic graphite electrode. Electrochimica Acta, 2006, 52, 246-255.	2.6	1
129	Voltammetric Quantification of Adenine and Guanine at C₆₀ Modified Glassy Carbon Electrodes. Journal of Nanoscience and Nanotechnology, 2006, 6, 3699-3704.	0.9	12
130	Oxidation Chemistry of Adenosine-3â€², 5â€²-Cyclic Monophosphate at Pyrolytic Graphite Eletrode. Nucleosides, Nucleotides and Nucleic Acids, 2006, 25, 1345-1362.	0.4	2
131	Insights into the Biological Redox Chemistry of 2â€²-Deoxyadenosine 5â€²-Monophosphate by Electrochemical Techniques. Bulletin of the Chemical Society of Japan, 2005, 78, 1944-1952.	2.0	2
132	Studies of the behavior of 5-hydroxyindole-3-acetamide at a solid electrode. Journal of Electroanalytical Chemistry, 2005, 578, 185-192.	1.9	12
133	Synthesis and biological evaluation of 2-thiopyrimidine derivatives. Bioorganic and Medicinal Chemistry, 2005, 13, 3185-3195.	1.4	62
134	Differential pulse voltammetric determination of paracetamol at nanogold modified indium tin oxide electrode. Electrochemistry Communications, 2005, 7, 803-807.	2.3	249
135	Oxidation chemistry of indole-2-carboxylic acid. Electrochimica Acta, 2005, 50, 2135-2143.	2.6	18
136	Investigations of electron-transfer reactions and the redox mechanism of 2â€²-deoxyguanosine-5â€²-monophosphate using electrochemical techniques. New Journal of Chemistry, 2005, 29, 587-595.	1.4	17
137	Investigations into the electrooxidation of guanosine-5â€²-triphosphate at the pyrolytic graphite electrode. Analytical and Bioanalytical Chemistry, 2005, 382, 1683-1690.	1.9	13
138	Electrochemical oxidation of 2-thiouracil at pyrolytic graphite electrode. Bioelectrochemistry, 2005, 67, 7-13.	2.4	13
139	A copper-selective electrode based on bis(acetylacetone)propylenediimine. Talanta, 2005, 68, 193-197.	2.9	55
140	Electrochemical oxidation of adenosine monophosphate at a pyrolytic graphite electrode. Journal of Electroanalytical Chemistry, 2003, 557, 147-155.	1.9	27
141	Electrochemical investigations of adenosine at solid electrodes. Journal of Electroanalytical Chemistry, 2002, 521, 72-80.	1.9	66
142	Oxidation chemistry of indole-3-methanol. Perkin Transactions II RSC, 2001, , 618-623.	1.1	11
143	Electrochemical oxidation of guanosine-5â€²-monophosphate at the pyrolytic graphite electrode. Perkin Transactions II RSC, 2001, , 832-837.	1.1	14
144	Electro-oxidation of 6-mercaptopurine riboside with special emphasis on the stability of the dimer in aqueous solutions. New Journal of Chemistry, 2001, 25, 545-550.	1.4	17

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145	Electrooxidation of Chlorpromazine in Aqueous and Micellar Media and Spectroscopic Studies of the Derived Cationic Free Radical and Dication Species. Monatshefte FÃ¼r Chemie, 2001, 132, 575-585.	0.9	12
146	Further Insights into the Electrooxidation ofN-Methyluric Acids and Correlation of Oxidation Potentials with Frontier MO Energies. Bulletin of the Chemical Society of Japan, 2000, 73, 1515-1524.	2.0	7
147	Electrochemical studies of 1,3,7,9-tetramethyluric acid in aqueous and micellar media. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 162, 239-247.	2.3	0
148	Linear sweep voltammetry of 9-Î²-d-ribofuranosyluric acid 5â€²-monophosphate in aqueous and micellar media. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 160, 261-268.	2.3	1
149	Electrochemical Oxidation of 4-Hydroxyindole and Effects of Its Oxidation Products on Blood Parameters of Albino Mice. Bioorganic Chemistry, 1999, 27, 239-252.	2.0	1
150	Comparison of electrochemical and enzymic oxidation of 1,3-dimethyluric acid. Bioelectrochemistry, 1998, 44, 201-208.	1.0	8
151	Oxidation chemistry and biochemistry of indole and effect of its oxidation product in albino mice. Bioelectrochemistry, 1998, 45, 47-53.	1.0	28
152	Oxidation Chemistry of 1,3-Dimethylxanthine at Stationary Pyrolytic Graphite Electrode. Bulletin of the Chemical Society of Japan, 1998, 71, 199-207.	2.0	2
153	Electrochemical and peroxidase catalysed oxidation of 9-Î²-D-ribofuranosyluric acid 5â€²-monophosphate. Journal of the Chemical Society Perkin Transactions II, 1997, , 2423-2430.	0.9	3
154	Electrochemical and peroxidase-catalysed oxidation of 1-methyluric acid. Bioelectrochemistry, 1997, 43, 205-213.	1.0	6
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