

Ashok Kumar Sundramoorthy

List of Publications by Year in descending order

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118
papers

4,753
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81743

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114278

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119
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times ranked

5047
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of molybdenum disulfide adorned heteroatom-doped porous carbon for energy storage applications. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 545-561.	5.3	5
2	Identification, Interaction and Detection of Microplastics on Fish Scales (<i>Lutjanus gibbus</i>). <i>Current Analytical Chemistry</i> , 2022, 18, 588-597.	0.6	4
3	Synthesis and characterization of MXene (Ti ₃ C ₂ T _x)/Iron oxide composite for ultrasensitive electrochemical detection of hydrogen peroxide. <i>Chemosphere</i> , 2022, 286, 131478.	4.2	47
4	Preparation of 2D Graphene/MXene nanocomposite for the electrochemical determination of hazardous bisphenol A in plastic products. <i>Chemosphere</i> , 2022, 287, 132106.	4.2	39
5	<i>Morus nigra</i> -derived hydrophilic carbon dots for the highly selective and sensitive detection of ferric ion in aqueous media and human colon cancer cell imaging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 635, 128073.	2.3	14
6	Facile synthesis of nitrogen-doped porous carbon materials using waste biomass for energy storage applications. <i>Chemosphere</i> , 2022, 289, 133225.	4.2	40
7	Modification of thermally expanded graphite and its effect on the properties of the amperometric biosensor. <i>3 Biotech</i> , 2022, 12, 42.	1.1	5
8	Thermally Expanded Graphite Incorporated with PEDOT:PSS Based Anode for Microbial Fuel Cells with High Bioelectricity Production. <i>Journal of the Electrochemical Society</i> , 2022, 169, 017515.	1.3	10
9	Smartphone-Operated Wireless Chemical Sensors: A Review. <i>Chemosensors</i> , 2022, 10, 55.	1.8	21
10	Electrochemical Sensing of Glucose Using Glucose Oxidase/PEDOT:4-Sulfocalix [4]arene/MXene Composite Modified Electrode. <i>Micromachines</i> , 2022, 13, 304.	1.4	28
11	Novel Strategy-Based Analytical Systems for the Detection of Chemicals and Biomolecules. <i>Current Analytical Chemistry</i> , 2022, 18, 507-508.	0.6	0
12	Synthesis of various dimensional metal organic frameworks (MOFs) and their hybrid composites for emerging applications – A review. <i>Chemosphere</i> , 2022, 298, 134184.	4.2	82
13	Sustainable Synthesis of N/S-Doped Porous Carbon from Waste-Biomass as Electroactive Material for Energy Harvesting. <i>Catalysts</i> , 2022, 12, 436.	1.6	13
14	Potential Applications of Halloysite Nanotubes as Drug Carriers: A Review. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-7.	1.5	13
15	UV-vis spectroscopic method for detection and removal of heavy metal ions in water using Ag doped ZnO nanoparticles. <i>Chemosphere</i> , 2022, 303, 135208.	4.2	37
16	Review – Recent Trends on the Synthesis and Different Characterization Tools for MXenes and their Emerging Applications. <i>Journal of the Electrochemical Society</i> , 2022, 169, 077501.	1.3	9
17	Recent Breakthrough of Bismuth-Based Nanostructured Materials for Multimodal Theranostic Applications. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-7.	1.5	7
18	A Critical Review on Artificial Intelligence for Fuel Cell Diagnosis. <i>Catalysts</i> , 2022, 12, 743.	1.6	14

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19	Electrochemical Detection of H ₂ O ₂ Using an Activated Glassy Carbon Electrode. , 2022, 1, 034401.		73
20	2D-titanium carbide (MXene) based selective electrochemical sensor for simultaneous detection of ascorbic acid, dopamine and uric acid. Journal of Materials Science and Technology, 2021, 72, 122-131.	5.6	103
21	Preparation of hybrid paper electrode based on hexagonal boron nitride integrated graphene nanocomposite for free-standing flexible supercapacitors. RSC Advances, 2021, 11, 3445-3451.	1.7	15
22	Recent Trends in Fabrication and Applications of Wearable Bioelectronics for Early-Stage Disease Monitoring and Diagnosis. , 2021, , 357-381.		3
23	Recent trends in the applications of thermally expanded graphite for energy storage and sensors – a review. Nanoscale Advances, 2021, 3, 6294-6309.	2.2	46
24	Selective Chemistry-Based Separation of Semiconducting Single-Walled Carbon Nanotubes and Alignment of the Nanotube Array Network under Electric Field for Field-Effect Transistor Applications. ACS Omega, 2021, 6, 5146-5157.	1.6	2
25	Open Access Journals: A Boon or Bane for Early Career Researchers in India. Current Analytical Chemistry, 2021, 17, 564-567.	0.6	0
26	Promising nature-based activated carbon derived from flowers of Borassus flabellifer for supercapacitor applications. Carbon Letters, 2021, 31, 1145-1153.	3.3	9
27	Fabrication of 2D-MoSe ₂ incorporated NiO Nanorods modified electrode for selective detection of glucose in serum samples. Scientific Reports, 2021, 11, 13266.	1.6	24
28	Biocompatible MXene (Ti ₃ C ₂ T _x) Immobilized with Flavin Adenine Dinucleotide as an Electrochemical Transducer for Hydrogen Peroxide Detection in Ovarian Cancer Cell Lines. Micromachines, 2021, 12, 862.	1.4	15
29	Leftover Kiwi Fruit Peel-Derived Carbon Dots as a Highly Selective Fluorescent Sensor for Detection of Ferric Ion. Chemosensors, 2021, 9, 166.	1.8	54
30	High-Performance Electrochemical Sensor Based on Yttrium Sulfide Nanoparticles Decorated Carbon Nitride Heterostructure for Highly Sensitive Detection of Antimicrobial Drug in Biological Samples. Journal of the Electrochemical Society, 2021, 168, 077516.	1.3	10
31	Recent Advances in Electrochemical Biosensors: Applications, Challenges, and Future Scope. Biosensors, 2021, 11, 336.	2.3	175
32	Highly Fluorescent Carbon Dots as a Potential Fluorescence Probe for Selective Sensing of Ferric Ions in Aqueous Solution. Chemosensors, 2021, 9, 301.	1.8	15
33	Betel leaf derived multicolor emitting carbon dots as a fluorescent probe for imaging mouse normal fibroblast and human thyroid cancer cells. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 136, 115010.	1.3	10
34	Sustainable Synthesis of Silver Nanoparticles Using Marine Algae for Catalytic Degradation of Methylene Blue. Catalysts, 2021, 11, 1377.	1.6	22
35	Oxidation studies on mono (Cu, Ni) and bimetallic (Cu–Ni) nanoparticles and its impact on catalytic activity. Journal of Alloys and Compounds, 2020, 816, 152608.	2.8	26
36	Nickel oxide decorated MoS ₂ nanosheet-based non-enzymatic sensor for the selective detection of glucose. RSC Advances, 2020, 10, 643-654.	1.7	45

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37	Gradient Triple-Layered ZnS/ZnO/Ta ₂ O ₅ @SiO ₂ Core-Shell Nanoparticles for Enzyme-Based Electrochemical Detection of Cancer Biomarkers. ACS Applied Nano Materials, 2020, 3, 8461-8471.	2.4	21
38	Preparation of Stable CuO/Boron Nitride Nanocomposite Modified Electrode for Selective Electrochemical Detection of Cysteine. ChemistrySelect, 2020, 5, 9111-9118.	0.7	24
39	Preparation of hexagonal boron nitride doped graphene film modified sensor for selective electrochemical detection of nicotine in tobacco sample. Analytica Chimica Acta, 2020, 1132, 110-120.	2.6	59
40	Azo dye-functionalized magnetic Fe ₃ O ₄ /polyacrylic acid nanoadsorbent for removal of lead (II) ions. Environmental Nanotechnology, Monitoring and Management, 2020, 14, 100380.	1.7	8
41	Biosensors: Moving from Macro- to Micro- and Nanosensors. Nanotechnologies in Russia, 2020, 15, 13-19.	0.7	0
42	Selective Electrochemical Sensing of NADH and NAD ⁺ Using Graphene/Tungstate Nanocomposite Modified Electrode. ChemistrySelect, 2020, 5, 14643-14651.	0.7	11
43	The composition dependent structure and catalytic activity of nanostructured Cu-Ni bimetallic oxides. New Journal of Chemistry, 2020, 44, 9691-9698.	1.4	7
44	Highly selective detection of an organophosphorus pesticide, methyl parathion, using Ag-ZnO-SWCNT based field-effect transistors. Journal of Materials Chemistry C, 2020, 8, 8864-8875.	2.7	15
45	Meet Our Section Editor. Current Analytical Chemistry, 2020, 16, 93-94.	0.6	0
46	Highly Conductive Polymer PEDOT: PSS - Application in Biomedical and Bioelectrochemical Systems. Radioelektronika, Nanosistemy, Informacionnye Tehnologii, 2020, 12, 471-482.	0.2	5
47	Synthesis of highly fluorescent carbon dots from <i>Plectranthus amboinicus</i> as a fluorescent sensor for Ag ⁺ ion. Materials Research Express, 2019, 6, 104006.	0.8	12
48	A flower-structured MoS ₂ -decorated f-MWCNTs/ZnO hybrid nanocomposite-modified sensor for the selective electrochemical detection of vitamin C. New Journal of Chemistry, 2019, 43, 15105-15114.	1.4	33
49	One-pot electrosynthesis of silver nanorods/graphene nanocomposite using 4-sulphocalix[4]arene for selective detection of oxalic acid. Sensors and Actuators B: Chemical, 2019, 301, 127132.	4.0	25
50	Synergistic effect of bimetallic Cu:Ni nanoparticles for the efficient catalytic conversion of 4-nitrophenol. New Journal of Chemistry, 2019, 43, 3180-3187.	1.4	29
51	Hydrothermal Synthesis of Boron Nitride Quantum Dots/Poly(Luminol) Nanocomposite for Selective Detection of Ascorbic Acid. Journal of the Electrochemical Society, 2019, 166, B3017-B3024.	1.3	50
52	Humic acid/halloysite nanotube/flavin adenine dinucleotide nanocomposite based selective electrochemical biosensor for hydrogen peroxide. Applied Surface Science, 2019, 488, 503-511.	3.1	27
53	MnO ₂ Nanoflowers Deposited on Graphene Paper as Electrode Materials for Supercapacitors. ACS Applied Nano Materials, 2019, 2, 4386-4394.	2.4	98
54	Nanoceria decorated flower-like molybdenum sulphide nanoflakes: an efficient nanozyme for tumour selective ROS generation and photo thermal therapy. Chemical Communications, 2019, 55, 8017-8020.	2.2	48

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55	Electrochemical biosensor for methyl parathion based on single-walled carbon nanotube/glutaraldehyde crosslinked acetylcholinesterase-wrapped bovine serum albumin nanocomposites. <i>Analytica Chimica Acta</i> , 2019, 1074, 131-141.	2.6	73
56	Electrochemical Detection of Uric Acid on Exfoliated Nanosheets of Graphitic-Like Carbon Nitride (g-C ₃ N ₄) Based Sensor. <i>Journal of the Electrochemical Society</i> , 2019, 166, B3163-B3170.	1.3	51
57	Green synthesis of fluorescent carbon quantum dots from <i>Eleusine coracana</i> and their application as a fluorescence "turn-off" sensor probe for selective detection of Cu ²⁺ . <i>Applied Surface Science</i> , 2019, 476, 468-480.	3.1	165
58	Non-Enzymatic Electrochemical Detection of Urea on Silver Nanoparticles Anchored Nitrogen-Doped Single-Walled Carbon Nanotube Modified Electrode. <i>Journal of the Electrochemical Society</i> , 2018, 165, B3006-B3016.	1.3	103
59	In vitro and in vivo characterization of mineralized hydroxyapatite/polycaprolactone-graphene oxide based bioactive multifunctional coating on Ti alloy for bone implant applications. <i>Arabian Journal of Chemistry</i> , 2018, 11, 959-969.	2.3	80
60	Gold Nanoparticles-Thiol-Functionalized Reduced Graphene Oxide Coated Electrochemical Sensor System for Selective Detection of Mercury Ion. <i>Journal of the Electrochemical Society</i> , 2018, 165, B3046-B3053.	1.3	84
61	Synthesis and characterization of coral-like hierarchical MgO incorporated fly ash composite for the effective adsorption of azo dye from aqueous solution. <i>Applied Surface Science</i> , 2018, 449, 719-728.	3.1	37
62	Graphene nanoplatelets-silver nanorods-polymer based in-situ hybrid electrode for electroanalysis of dopamine and ascorbic acid in biological samples. <i>Applied Surface Science</i> , 2018, 449, 558-566.	3.1	32
63	Polyelectrolyte capsules preloaded with interconnected alginate matrix: An effective capsule system for encapsulation and release of macromolecules. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2251-2261.	3.6	11
64	Review "Electrochemical Synthesis of 2D Layered Materials and Their Potential Application in Pesticide Detection. <i>Journal of the Electrochemical Society</i> , 2018, 165, B848-B861.	1.3	32
65	Facile and green synthesis of highly conducting graphene paper. <i>Carbon</i> , 2018, 138, 108-117.	5.4	54
66	Graphene-Based Nanosensors and Smart Food Packaging Systems for Food Safety and Quality Monitoring. , 2018, , 267-306.		17
67	Green synthesis of fluorescent carbon dots from <i>Borassus flabellifer</i> flowers for label-free highly selective and sensitive detection of Fe ³⁺ ions. <i>New Journal of Chemistry</i> , 2018, 42, 13297-13307.	1.4	72
68	Electrochemically Exfoliated Carbon Quantum Dots Modified Electrodes for Detection of Dopamine Neurotransmitter. <i>Journal of the Electrochemical Society</i> , 2018, 165, G3112-G3119.	1.3	98
69	Highly selective colorimetric and electrochemical sensing of iron (III) using Nile red functionalized graphene film. <i>Biosensors and Bioelectronics</i> , 2017, 89, 430-436.	5.3	81
70	Methyl parathion detection in vegetables and fruits using silver@graphene nanoribbons nanocomposite modified screen printed electrode. <i>Scientific Reports</i> , 2017, 7, 46471.	1.6	152
71	Anisotropic noble metal nanoparticles: Synthesis, surface functionalization and applications in biosensing, bioimaging, drug delivery and theranostics. <i>Acta Biomaterialia</i> , 2017, 49, 45-65.	4.1	79
72	Graphene oxide/oxidized carbon nanofiber/mineralized hydroxyapatite based hybrid composite for biomedical applications. <i>Materials Research Express</i> , 2017, 4, 124005.	0.8	24

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73	MnO ₂ /nanorods/SiO ₂ sphere coated on single-wall carbon nanotubes as supercapacitor electrode for high energy storage applications. <i>Materials Research Express</i> , 2017, 4, 124004.	0.8	15
74	Synthesis of poly(8-aminopyrene-1,3,6-trisulfonic acid)/CNT Nanocomposite for Electrochemical Detection of Caffeine. <i>Journal of the Electrochemical Society</i> , 2016, 163, B638-B643.	1.3	9
75	Simultaneous reduction and covalent grafting of polythiophene on graphene oxide sheets for excellent capacitance retention. <i>RSC Advances</i> , 2016, 6, 52945-52949.	1.7	57
76	Reduced Graphene Oxide-Poly(3,4-ethylenedioxythiophene) Polystyrenesulfonate Based Dual-Selective Sensor for Iron in Different Oxidation States. <i>ACS Sensors</i> , 2016, 1, 151-157.	4.0	36
77	Lateral assembly of oxidized graphene flakes into large-scale transparent conductive thin films with a three-dimensional surfactant 4-sulfocalix[4]arene. <i>Scientific Reports</i> , 2015, 5, 10716.	1.6	29
78	Partially Oxidized Graphene/Metallic Single-Walled Carbon Nanotubes Film-Coated Electrode for Nanomolar Detection of Dopamine. <i>Electroanalysis</i> , 2015, 27, 1811-1816.	1.5	18
79	Azo dye functionalized graphene nanoplatelets for selective detection of bisphenol A and hydrogen peroxide. <i>RSC Advances</i> , 2015, 5, 87295-87305.	1.7	18
80	Low-temperature solution process for preparing flexible transparent carbon nanotube film for use in flexible supercapacitors. <i>Nano Research</i> , 2015, 8, 3430-3445.	5.8	28
81	Gel electrophoresis using a selective radical for the separation of single-walled carbon nanotubes. <i>Faraday Discussions</i> , 2014, 173, 351-363.	1.6	20
82	Applications of graphene in quality assurance and safety of food. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 60, 36-53.	5.8	104
83	Solution-processed flexible transparent conductors based on carbon nanotubes and silver grid hybrid films. <i>Nanoscale</i> , 2014, 6, 4560-4565.	2.8	22
84	Highly Selective Mercury Detection at Partially Oxidized Graphene/Poly(3,4-Ethylenedioxythiophene):Poly(Styrenesulfonate) Nanocomposite Film-Modified Electrode. <i>Frontiers in Materials</i> , 2014, 1, .	1.2	41
85	Scalable and Effective Enrichment of Semiconducting Single-Walled Carbon Nanotubes by a Dual Selective Naphthalene-Based Azo Dispersant. <i>Journal of the American Chemical Society</i> , 2013, 135, 5569-5581.	6.6	36
86	EDITORIAL (Hot Topic: New Developments on Nanomaterials for Electrochemical Applications). <i>Micro and Nanosystems</i> , 2012, 4, 171-171.	0.3	0
87	Disposable Redox Polymer Coated Screen-Printed Carbon Electrode for NADH Sensing. <i>Micro and Nanosystems</i> , 2012, 4, 172-179.	0.3	1
88	Electrochemical properties of myoglobin deposited on multi-walled carbon nanotube/ciprofloxacin film. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 526-531.	2.5	11
89	Synthesis of Gold Nanorods/Nanobelts and Their Potent Electrocatalytic Properties toward Ethanol Oxidation. <i>Chemistry Letters</i> , 2010, 39, 74-75.	0.7	3
90	Direct electron transfer of cytochrome C and its electrocatalytic properties on multiwalled carbon nanotubes/ciprofloxacin films. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 2129-2135.	1.2	22

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91	Preparation and characterization of copper nanoparticles/zinc oxide composite modified electrode and its application to glucose sensing. <i>Materials Science and Engineering C</i> , 2010, 30, 86-91.	3.8	84
92	Poly(BCB)/Au-nanoparticles hybrid film modified electrode: Preparation, characterization and its application as a non-enzymatic sensor. <i>Thin Solid Films</i> , 2010, 518, 5832-5838.	0.8	31
93	Acid yellow 9 as a dispersing agent for carbon nanotubes: Preparation of redox polymer-carbon nanotube composite film and its sensing application towards ascorbic acid and dopamine. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2592-2597.	5.3	49
94	Electrochemical Sensing of H ₂ O ₂ at Flavin Adenine Dinucleotide/Chitosan/CNT Nanocomposite Modified Electrode. <i>Electrochemical and Solid-State Letters</i> , 2010, 13, K83.	2.2	10
95	Synthetic antibacterial agent assisted synthesis of gold nanoparticles: Characterization and application studies. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 1484-1490.	1.9	8
96	Adsorption of ciprofloxacin and its role for stabilizing multi-walled carbon nanotubes and characterization. <i>Materials Letters</i> , 2009, 63, 1830-1833.	1.3	16
97	Amperometric Sensor for Detection of the Reduced Form of Nicotinamide Adenine Dinucleotide Using a Poly(pyronin B) Film Modified Electrode. <i>Electroanalysis</i> , 2009, 21, 1379-1386.	1.5	14
98	Selective Detection of Uric Acid in the Presence of Ascorbic Acid and Dopamine Using Polymerized Luminol Film Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2009, 21, 2281-2286.	1.5	45
99	Electrochemical preparation, characterization, and electrocatalytic studies of Nafion-ruthenium oxide modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 397-406.	1.2	13
100	Electroanalysis of ascorbic acid (vitamin C) using nano-ZnO/poly(luminol) hybrid film modified electrode. <i>Reactive and Functional Polymers</i> , 2009, 69, 364-370.	2.0	63
101	Electrochemical Analysis of H ₂ O ₂ and Nitrite Using Copper Nanoparticles/Poly(o-phenylenediamine) Film Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2009, 156, E118.	1.3	36
102	Amperometric determination of H ₂ O ₂ at nano-TiO ₂ /DNA/thionin nanocomposite modified electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 66, 266-273.	2.5	73
103	Electrochemical selective determination of ascorbic acid at redox active polymer modified electrode derived from direct blue 71. <i>Biosensors and Bioelectronics</i> , 2008, 24, 518-523.	5.3	128
104	Zinc oxide/redox mediator composite films-based sensor for electrochemical detection of important biomolecules. <i>Analytical Biochemistry</i> , 2008, 380, 174-183.	1.1	98
105	Nanostructured Zinc Oxide Particles in Chemically Modified Electrodes for Biosensor Applications. <i>Analytical Letters</i> , 2008, 41, 141-158.	1.0	165
106	Electrochemical synthesis and characterization of TiO ₂ nanoparticles and their use as a platform for flavin adenine dinucleotide immobilization and efficient electrocatalysis. <i>Nanotechnology</i> , 2008, 19, 255501.	1.3	41
107	Poly(4-amino-1-azobenzene-3,4-disulfonic acid) coated electrode for selective detection of dopamine from its interferences. <i>Talanta</i> , 2008, 74, 860-866.	2.9	88
108	Electroanalytical determination of acetaminophen using nano-TiO ₂ /polymer coated electrode in the presence of dopamine. <i>Talanta</i> , 2008, 76, 997-1005.	2.9	167

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109	Electroanalysis of NADH Using Conducting and Redox Active Polymer/Carbon Nanotubes Modified Electrodes-A Review. <i>Sensors</i> , 2008, 8, 739-766.	2.1	123
110	Myoglobin/arylhydroxylamine film modified electrode: Direct electrochemistry and electrochemical catalysis. <i>Talanta</i> , 2007, 72, 831-838.	2.9	21
111	Electrochemical Preparation of Poly(acriflavine) Film-Modified Electrode and Its Electrocatalytic Properties Towards NADH, Nitrite and Sulfur Oxoanions. <i>Electroanalysis</i> , 2007, 19, 999-1007.	1.5	11
112	Electrocatalysis and Amperometric Detection of the Reduced Form of Nicotinamide Adenine Dinucleotide at Toluidine Blue/Zinc Oxide Coated Electrodes. <i>Electroanalysis</i> , 2007, 19, 1952-1958.	1.5	15
113	Fabrication and characterization of Meldola's blue/zinc oxide hybrid electrodes for efficient detection of the reduced form of nicotinamide adenine dinucleotide at low potential. <i>Analytica Chimica Acta</i> , 2007, 592, 36-44.	2.6	33
114	Electrocatalytic reduction of oxygen and hydrogen peroxide at poly(p-aminobenzene sulfonic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	4.8	68
115	Electrochemically polymerized composites of conducting poly(p-ABSA) and flavins (FAD, FMN, RF) films and their use as electrochemical sensors: A new potent electroanalysis of NADH and NAD ⁺ . <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 964-977.	4.0	57
116	Electrochemical, microscopic, and EQCM studies of cathodic electrodeposition of ZnO/FAD and anodic polymerization of FAD films modified electrodes and their electrocatalytic properties. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 993-1006.	1.2	16
117	An electrochemically exfoliated graphene/poly(3,4-ethylenedioxythiophene) nanocomposite-based electrochemical sensor for the detection of nicotine. <i>Materials Advances</i> , 0, , .	2.6	21
118	Recent Advances on Synthesis and Potential Applications of Carbon Quantum Dots. <i>Frontiers in Materials</i> , 0, 9, .	1.2	37