

# Rajiv Prakash

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

236  
papers

5,001  
citations

36  
h-index

57  
g-index

247  
ext. papers

5,885  
ext. citations

4  
avg, IF

6.16  
L-index

#	Paper	IF	Citations
236	Electrochemical Sensing of Roxarsone on Natural Biomass-Derived Two-Dimensional Carbon Material as Promising Electrode Material.. <i>ACS Omega</i> , <b>2022</b> , 7, 2908-2917	3.9	4
235	Electrochemical and Computational Examination of Camellia Sinensis Assamica Biomolecules Ability to Retard Mild Steel Corrosion in Sodium Chloride Solutions. <i>Journal of Bio- and Tribo-Corrosion</i> , <b>2022</b> , 8, 1	2.9	2
234	Enhanced photodegradation of azo dye by Ag <sub>2</sub> O/SnO <sub>2</sub> @g-C <sub>3</sub> N <sub>4</sub> nanocomposite. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 281, 125884	4.4	0
233	Electro-oxidation of formic acid on composites from polycarbazole and WO <sub>3</sub> . <i>Materials Chemistry and Physics</i> , <b>2022</b> , 282, 125958	4.4	2
232	Impedimetric immunosensor for the NS1 dengue biomarker based on the gold nanorod decorated graphitic carbon nitride modified electrode. <i>Electrochimica Acta</i> , <b>2022</b> , 411, 140069	6.7	3
231	In-situ H <sub>2</sub> O <sub>2</sub> production for tetracycline degradation on Ag/s-(Co <sub>3</sub> O <sub>4</sub> /NiFe <sub>2</sub> O <sub>4</sub> ) visible light magnetically recyclable photocatalyst. <i>Applied Surface Science</i> , <b>2022</b> , 589, 153013	6.7	3
230	Immunosuppressive Drug Sensor based on MoS <sub>2</sub> -Polycarboxyindole Modified Electrodes. <i>Results in Chemistry</i> , <b>2022</b> , 100345	2.1	
229	Synergistic enhancement in optoelectrical anisotropy of polymer film at the air-liquid interface: An insight into molecular weight distribution dependent polymer alignment. <i>Applied Surface Science</i> , <b>2022</b> , 593, 153413	6.7	0
228	Fabrication and characterization of P3HT/MoS <sub>2</sub> thin-film based ammonia sensor operated at room temperature. <i>IEEE Sensors Journal</i> , <b>2022</b> , 1-1	4	7
227	Gd <sup>3+</sup> and Bi <sup>3+</sup> co-substituted cubic zirconia; (Zr <sub>1-x-y</sub> Gd <sub>x</sub> Bi <sub>y</sub> O <sub>2</sub> ) a novel high relaxor dielectric and superior oxide-ion conductor. <i>RSC Advances</i> , <b>2022</b> , 12, 14551-14561	3.7	0
226	Experimental and DFT analysis of onion peels for its inhibition behavior against mild steel corrosion in chloride solutions. <i>Journal of the Indian Chemical Society</i> , <b>2022</b> , 99, 100534		1
225	Porous carbon from conducting polymers for electrochemical applications <b>2022</b> , 147-180		
224	Hydrothermal synthesis of Zn-Mg-based layered double hydroxide coatings for the corrosion protection of copper in chloride and hydroxide media. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2021</b> , 28, 1991-2000	3.1	3
223	Lanthanide based double perovskites: Bifunctional catalysts for oxygen evolution/reduction reactions. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 17163-17172	6.7	4
222	Unfolding photophysical properties of poly(3-hexylthiophene)-MoS <sub>2</sub> organic-inorganic hybrid materials: an application to self-powered photodetectors. <i>Nanotechnology</i> , <b>2021</b> , 32,	3.4	3
221	Facile synthesis of doped CN QDs as photoluminescent matrix for direct detection of hydroquinone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 246, 119019	4.4	3
220	Waste Solanum melongena stem extract for corrosion inhibition of mild steel in 1M NaCl. <i>Materials Today: Proceedings</i> , <b>2021</b> , 44, 2716-2720	1.4	3

219	Ethanol extract of waste potato peels for corrosion inhibition of low carbon steel in chloride medium. <i>Materials Today: Proceedings</i> , <b>2021</b> , 44, 2267-2272	1.4	4
218	Fe-doped MoS <sub>2</sub> nanomaterials with amplified peroxidase mimetic activity for the colorimetric detection of glutathione in human serum. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 267, 124684	4.4	8
217	Facile and selective colorimetric assay of choline based on AuNPs-WS <sub>2</sub> QDs as a peroxidase mimic. <i>Microchemical Journal</i> , <b>2021</b> , 167, 106312	4.8	1
216	Enzyme modified CNTs for biosensing application: Opportunities and challenges. <i>Colloids and Interface Science Communications</i> , <b>2021</b> , 44, 100506	5.4	2
215	Cu-Fe Prussian blue analog nanocube with intrinsic oxidase mimetic behaviour for the non-invasive colorimetric detection of Isoniazid in human urine. <i>Microchemical Journal</i> , <b>2021</b> , 171, 106854	4.8	1
214	Electrochemical sensing of pioglitazone hydrochloride on N-doped r-GO modified commercial electrodes. <i>Analyst, The</i> , <b>2021</b> , 146, 3578-3588	5	0
213	The fabrication of an MoS QD-AuNP modified screen-printed electrode for the improved electrochemical detection of cefixime. <i>Analytical Methods</i> , <b>2020</b> , 12, 3014-3024	3.2	9
212	MoS <sub>2</sub> Assisted Self-Assembled Poly(3-hexylthiophene) Thin Films at an Air/Liquid Interface for High-Performance Field-Effect Transistors under Ambient Conditions. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 8101-8109	3.8	5
211	Impact of viscosity on photo-induced bimodal emission, decay profile and energy transfer in lanthanide based hybrid nanostructure. <i>Optical Materials</i> , <b>2020</b> , 107, 110086	3.3	2
210	Metal free triad from red phosphorous, reduced graphene oxide and graphitic carbon nitride (red P-rGO-g-C <sub>3</sub> N <sub>4</sub> ) as robust electro-catalysts for hydrogen evolution reaction. <i>Electrochimica Acta</i> , <b>2020</b> , 338, 135851	6.7	14
209	Polymer/Graphene oxide nanocomposite thin film for NO sensor: An in situ investigation of electronic, morphological, structural, and spectroscopic properties. <i>Scientific Reports</i> , <b>2020</b> , 10, 2981	4.9	20
208	Large Area Vertically Oriented Few-Layer MoS for Efficient Thermal Conduction and Optoelectronic Applications. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 1268-1275	6.4	17
207	Development of magnetically recyclable visible light photocatalysts for hydrogen peroxide production. <i>Materials Science in Semiconductor Processing</i> , <b>2020</b> , 112, 105024	4.3	9
206	Polyindole modified g-C <sub>3</sub> N <sub>4</sub> nanohybrids via in-situ chemical polymerization for its improved electrochemical performance. <i>Vacuum</i> , <b>2020</b> , 177, 109363	3.7	11
205	Green approach of synthesis of thiazolyl imines and their impeding behavior against corrosion of mild steel in acid medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 599, 124824	5.1	17
204	Development of inorganic-organic hybrid nanostructured material for H <sub>2</sub> O <sub>2</sub> sensing application. <i>Materials Research Express</i> , <b>2020</b> , 7, 056201	1.7	
203	Au-V <sub>2</sub> O <sub>5</sub> /Polyindole composite: An approach for ORR in different electrolytes. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 861, 113959	4.1	9
202	Synthesis of uniformly dispersed large area polymer/AgNPs thin film at air/liquid interface for electronic application. <i>Materials Today Communications</i> , <b>2020</b> , 24, 101191	2.5	3

201	Visible light photo-Fenton catalytic properties of starch functionalized iron oxyhydroxide nanocomposites. <i>Environmental Nanotechnology, Monitoring and Management</i> , <b>2020</b> , 14, 100311	3.3	4
200	Recent progress in nano-oxides and CNTs based corrosion resistant superhydrophobic coatings: A critical review. <i>Progress in Organic Coatings</i> , <b>2020</b> , 140, 105512	4.8	24
199	Surface driven nano-morphology of poly 3-hexylthiophene film, and their photophysical, spectral and electronic traits. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2020</b> , 260, 114622	3.1	2
198	Lemon seeds as green coating material for mitigation of mild steel corrosion in acid media: Molecular dynamics simulations, quantum chemical calculations and electrochemical studies. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 316, 113797	6	16
197	Polyaniline stabilized activated carbon from Eichhornia Crassipes: Potential charge storage material from bio-waste. <i>Renewable Energy</i> , <b>2020</b> , 162, 2285-2296	8.1	3
196	Corrosion prevention of commercial alloys by air-water interface grown, edge on oriented, ultrathin squaraine film. <i>Scientific Reports</i> , <b>2019</b> , 9, 13488	4.9	5
195	Nanonetwork of Coordination Polymer AHMT-Ag for the Effective and Broad Spectrum Detection of 6-Mercaptopurine in Urine and Blood Serum. <i>ACS Omega</i> , <b>2019</b> , 4, 16733-16742	3.9	5
194	Voltammetric determination of the antimalarial drug chloroquine using a glassy carbon electrode modified with reduced graphene oxide on WS quantum dots. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 415	5.8	17
193	Fast Development of Self-Assembled, Highly Oriented Polymer Thin Film and Observation of Dual Sensing Behavior of Thin Film Transistor for Ammonia Vapor. <i>Macromolecular Chemistry and Physics</i> , <b>2019</b> , 220, 1900010	2.6	3
192	Hydrothermally grown ZnO nanoparticles for photodegradation of textile dye <b>2019</b> ,		6
191	Optoelectrical anisotropy in graphene oxide supported polythiophene thin films fabricated by floating film transfer. <i>Carbon</i> , <b>2019</b> , 147, 252-261	10.4	6
190	Mechanical and wear properties of nano titanium based dental composite resin <b>2019</b> , 441-462		
189	Composites of Donor-Acceptor type configured organic compound and porous ZnO nano sheets as corrosion inhibitors of copper in chloride environment. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 280, 160-172	6	10
188	Chitosan based new nanocomposites for corrosion protection of mild steel in aggressive chloride media. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 140, 177-187	7.9	27
187	Vanadium doped few-layer ultrathin MoS nanosheets on reduced graphene oxide for high-performance hydrogen evolution reaction.. <i>RSC Advances</i> , <b>2019</b> , 9, 22232-22239	3.7	20
186	Studies on some spinel oxides based electrocatalysts for oxygen evolution and capacitive applications. <i>Electrochimica Acta</i> , <b>2019</b> , 320, 134584	6.7	17
185	Multifunctional Few-Layer MoS <sub>2</sub> for Photodetection and Surface-Enhanced Raman Spectroscopy Application with Ultrasensitive and Repeatable Detectability. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 18071-18078	3.8	31
184	Photo-physical studies of ultras-small upconversion nanoparticles embedded organometallic complexes: Probing a dual mode optical sensor for hydrogen peroxide. <i>Optical Materials</i> , <b>2019</b> , 98, 109439	3.3	4

183	MOF derived Co/C and Co <sub>3</sub> O <sub>4</sub> /C polyhedron for hydrogen evolution reaction <b>2019</b> ,		1
182	Enzymatic Electrode/Electrolyte Interface Study During Electrochemical Sensing of Biomolecules <b>2019</b> , 469-484		
181	X-ray diffraction analysis of Cu <sup>2+</sup> doped Zn <sub>1-x</sub> Cu <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> spinel nanoparticles using Williamson-Hall plot method <b>2019</b> ,		7
180	A composite prepared from MoS quantum dots and silver nanoparticles and stimulated by mercury(II) is a robust oxidase mimetic for use in visual determination of cysteine. <i>Mikrochimica Acta</i> , <b>2019</b> , 187, 74	5.8	14
179	Highly aligned and crystalline poly(3-hexylthiophene) thin films by off-center spin coating for high performance organic field-effect transistors. <i>Synthetic Metals</i> , <b>2019</b> , 258, 116221	3.6	12
178	Effect of Dy on electrochemical supercapacitive behaviour of MnO <sub>2</sub> nanorods. <i>Electrochimica Acta</i> , <b>2019</b> , 328, 135027	6.7	5
177	Investigation of optical properties and energy transfer in Eu(III) and Tb(III) based composite compound dispersed in polar, non-polar solvents and polymer matrix. <i>Materials Research Express</i> , <b>2019</b> , 6, 046204	1.7	4
176	Development of nanostructured nickel reinforced polyacrylamide via frontal polymerization for a reliable room temperature humidity sensor. <i>European Polymer Journal</i> , <b>2019</b> , 112, 161-169	5.2	20
175	Experimental and theoretical investigation of aqueous and methanolic extracts of Prunus dulcis peels as green corrosion inhibitors of mild steel in aggressive chloride media. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 276, 347-361	6	49
174	A nanoporous palladium(II) bridged coordination polymer acting as a peroxidase mimic in a method for visual detection of glucose in tear and saliva. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 245	5.8	17
173	Donor-Acceptor-Type Configured, Dimethylamino-Based Organic Push-Pull Chromophores for Effective Reduction of Mild Steel Corrosion Loss in 1 M HCl. <i>ACS Omega</i> , <b>2018</b> , 3, 4081-4093	3.9	20
172	Mobile liquid-substrate for self-assembly of solution-processable poly (5-aminoindole) by Langmuir technique. <i>Vacuum</i> , <b>2018</b> , 153, 162-167	3.7	1
171	One step synthesis of AuNPs@MoS <sub>2</sub> -QDs composite as a robust peroxidase- mimetic for instant unaided eye detection of glucose in serum, saliva and tear. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 263, 109-119	8.5	62
170	Poly (3, 3'-dialkylquaterthiophene) Based Flexible Nitrogen Dioxide Gas Sensor <b>2018</b> , 2, 1-4		11
169	Low cost aqueous extract of Pisum sativum peels for inhibition of mild steel corrosion. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 254, 357-368	6	69
168	Implications of doping and depletion on the switching characteristics in polymer-based organic field-effect transistors. <i>Organic Electronics</i> , <b>2018</b> , 56, 152-158	3.5	1
167	A comparative Study of Aptasensor Vs Immunosensor for Label-Free PSA Cancer Detection on GQDs-AuNRs Modified Screen-Printed Electrodes. <i>Scientific Reports</i> , <b>2018</b> , 8, 1923	4.9	52
166	Colorimetric detection of picric acid using silver nanoparticles modified with 4-amino-3-hydrazino-5-mercapto-1,2,4-triazole. <i>Applied Surface Science</i> , <b>2018</b> , 449, 174-180	6.7	13

165	Tailoring the charge carrier in few layers MoS <sub>2</sub> field-effect transistors by Au metal adsorbate. <i>Applied Surface Science</i> , <b>2018</b> , 437, 70-74	6.7	14
164	DNA assisted regioregular poly (3, 3'-didodecylquarterthiophene), rr-PQT-12 fiber: Organic bio-electronic devices. <i>Organic Electronics</i> , <b>2018</b> , 54, 209-215	3.5	3
163	Quick colorimetric determination of choline in milk and serum based on the use of MoS nanosheets as a highly active enzyme mimetic. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 224	5.8	28
162	Electrical and Ammonia Gas Sensing Properties of PQT-12/CdSe Quantum Dots Composite-Based Organic Thin Film Transistors. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 6085-6091	4	28
161	Economic use of waste Musa paradisiaca peels for effective control of mild steel loss in aggressive acid solutions. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 4773-4783	6.8	25
160	Fast grown self-assembled polythiophene/graphene oxide nanocomposite thin films at air-liquid interface with high mobility used in polymer thin film transistors. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 9981-9989	7.1	14
159	Silver nanoparticles embedded hybrid organometallic complexes: Structural interactions, photo-induced energy transfer, plasmonic effect and optical thermometry. <i>AIP Advances</i> , <b>2018</b> , 8, 065117-5	1.5	5
158	Pivotal role of levoglucosenone and hexadecanoic acid from microalgae Chlorococcum sp. for corrosion resistance on mild steel: Electrochemical, microstructural and theoretical analysis. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 266, 279-290	6	12
157	Study of the Capacitive Behavior of MOF-Derived Nanocarbon Polyhedra. <i>ChemistrySelect</i> , <b>2018</b> , 3, 6107-6111	11	4
156	. <i>IEEE Nanotechnology Magazine</i> , <b>2018</b> , 17, 1111-1117	2.6	15
155	In situ one step synthesis of Fe inserted octaethylporphyrin/polyindole: A multifunctional hybrid material with improved electrochemical and electrical properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2018</b> , 227, 80-88	3.1	14
154	Flexible poly (3, 3'-dialkylquarterthiophene) based interdigitated metal-semiconductor-metal ammonia gas sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 255, 203-209	8.5	27
153	Application of Unsaturated Fatty Acid Molecules Derived from Microalgae toward Mild Steel Corrosion Inhibition in HCl Solution: A Novel Approach for Metal-Inhibitor Association. <i>ACS Omega</i> , <b>2018</b> , 3, 12369-12382	3.9	24
152	Mechanical and corrosion behaviors of developed copper-based metal matrix composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 330, 012021	0.4	7
151	Facile synthesis of BSCF perovskite oxide as an efficient bifunctional oxygen electrocatalyst. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 20671-20679	6.7	9
150	Determination of the Anti-HIV Drug Nevirapine Using Electroactive 2D Material Pd@rGO Decorated with MoS <sub>2</sub> Quantum Dots. <i>ChemistrySelect</i> , <b>2018</b> , 3, 5341-5347	1.8	11
149	Self-assembly of regioregular poly (3,3'-didodecylquarterthiophene) in chloroform and study of its junction properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2017</b> , 217, 12-17	3.1	7
148	Air-stable vapor phase sensing of ammonia in sub-threshold regime of poly(2,5-bis(3-tetradecylthiophen-2yl)thieno(3,2-b)thiophene) based polymer thin-film transistor. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 246, 243-251	8.5	37

147	Interface engineering for enhancement in performance of organic/inorganic hybrid heterojunction diode. <i>Organic Electronics</i> , <b>2017</b> , 45, 26-32	3.5	21
146	Synthesis of graphene oxide and its application for the adsorption of Pb <sup>2+</sup> from aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 47, 169-178	6.3	43
145	Influence of aspect ratio and surface defect density on hydrothermally grown ZnO nanorods towards amperometric glucose biosensing applications. <i>Applied Surface Science</i> , <b>2017</b> , 422, 798-808	6.7	30
144	One step electro-oxidative preparation of graphene quantum dots from wood charcoal as a peroxidase mimetic. <i>Talanta</i> , <b>2017</b> , 173, 36-43	6.2	60
143	Electrical and ammonia gas sensing properties of poly (3, 3'- dialkylquaterthiophene) based organic thin film transistors fabricated by floating-film transfer method. <i>Organic Electronics</i> , <b>2017</b> , 48, 53-60	3.5	38
142	Multifunctional inulin tethered silver-graphene quantum dots nanotheranostic module for pancreatic cancer therapy. <i>Materials Science and Engineering C</i> , <b>2017</b> , 78, 1203-1211	8.3	38
141	DDAB-Triggered, Size-Sorted, Instant Phase-Switching of Silver Nanoparticles. <i>ChemistrySelect</i> , <b>2017</b> , 2, 3028-3034	1.8	3
140	Electrochemical investigation of Irbesartan drug molecules as an inhibitor of mild steel corrosion in 1 M HCl and 0.5 M H <sub>2</sub> SO <sub>4</sub> solutions. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 236, 184-197	6	64
139	A strategy to achieve efficient dual-mode luminescence in lanthanide-based magnetic hybrid nanostructure and its demonstration for the detection of latent fingerprints. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 491, 199-206	9.3	29
138	Lanthanide doped ultrafine hybrid nanostructures: multicolour luminescence, upconversion based energy transfer and luminescent solar collector applications. <i>Nanoscale</i> , <b>2017</b> , 9, 696-705	7.7	27
137	Highly Sensitive in vitro Biosensor for Enterotoxigenic Escherichia coli Detection Based on ssDNA Anchored on PtNPs-Chitosan Nanocomposite. <i>Electroanalysis</i> , <b>2017</b> , 29, 2665-2671	3	23
136	High-performance photo detector based on hydrothermally grown SnO <sub>2</sub> nanowire/reduced graphene oxide (rGO) hybrid material. <i>Organic Electronics</i> , <b>2017</b> , 50, 359-366	3.5	31
135	Pd@TTF Tailored Nanostructured Platform: Voltammetric Estimation of Ceftazidime. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7432-7438	1.8	2
134	An assembly and interaction of upconversion and plasmonic nanoparticles on organometallic nanofibers: enhanced multicolor upconversion, downshifting emission and the plasmonic effect. <i>Nanotechnology</i> , <b>2017</b> , 28, 415701	3.4	10
133	Self-assembly of regioregular poly [2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene], pBTTT-C14 in solvent-mixture and study of its junction behaviour. <i>Organic Electronics</i> , <b>2017</b> , 50, 138-146	3.5	10
132	Self-assembled H-aggregation induced high performance poly (3-hexylthiophene) Schottky diode. <i>Journal of Applied Physics</i> , <b>2017</b> , 122, 225501	2.5	12
131	Homogenous Dispersion of MoS Nanosheets in Polyindole Matrix at Air-Water Interface Assisted by Langmuir Technique. <i>Langmuir</i> , <b>2017</b> , 33, 13572-13580	4	21
130	Facile Synthesis of MoS <sub>x</sub> and MoS <sub>x</sub> -rGO Composite: Excellent Electrocatalyst for Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , <b>2017</b> , 2, 11590-11598	1.8	7

129	Self-Assembly of Solution-Processable Polyindole via Langmuir-Blodgett Technique: An Insight to Layer-Dependent Charge Transport and Electronic Parameters. <i>ChemistrySelect</i> , <b>2017</b> , 2, 6009-6015	1.8	4
128	Aqueous extract of Argemone mexicana roots for effective protection of mild steel in an HCl environment. <i>Research on Chemical Intermediates</i> , <b>2016</b> , 42, 439-459	2.8	34
127	Nano-porous network of DMTD-Ag coordination polymer for the ultra trace detection of anticholinergic drug. <i>Polymer</i> , <b>2016</b> , 82, 66-74	3.9	6
126	The nanocrystalline coordination polymer of AMT-Ag for an effective detection of ciprofloxacin hydrochloride in pharmaceutical formulation and biological fluid. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 529-535	11.8	8
125	Morphology-controlled approach for bulk synthesis of conducting poly (5-aminoindole). <i>Materials Chemistry and Physics</i> , <b>2016</b> , 183, 606-614	4.4	10
124	Poly-3-Hexylthiophene (P3HT)/Graphene Nanocomposite Field-Effect-Transistor as Ammonia Detector. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 9634-9641	1.3	13
123	Surface plasmon coupled metal enhanced spectral and charge transport properties of poly(3,3''-dialkylquartherthiophene) Langmuir Schaefer films. <i>Nanoscale</i> , <b>2015</b> , 7, 6083-92	7.7	24
122	Label-free impedimetric detection of Listeria monocytogenes based on poly-5-carboxy indole modified ssDNA probe. <i>Journal of Biotechnology</i> , <b>2015</b> , 200, 70-6	3.7	17
121	Non-covalent functionalization of graphene oxide by polyindole and subsequent incorporation of Ag nanoparticles for electrochemical applications. <i>Applied Surface Science</i> , <b>2015</b> , 355, 262-267	6.7	25
120	Electrochemical detection of azidothymidine on modified probes based on chitosan stabilised silver nanoparticles hybrid material. <i>RSC Advances</i> , <b>2015</b> , 5, 90089-90097	3.7	14
119	Photochemically mediated synthesis of a gold colloid by dithizone and its application in the amperometric sensing of thiocyanate. <i>RSC Advances</i> , <b>2015</b> , 5, 81660-81667	3.7	5
118	Musa paradisica peel extract as green corrosion inhibitor for mild steel in HCl solution. <i>Corrosion Science</i> , <b>2015</b> , 90, 107-117	6.8	250
117	Influences of carbon nanofillers on mechanical performance of epoxy resin polymer. <i>Applied Nanoscience (Switzerland)</i> , <b>2015</b> , 5, 305-313	3.3	20
116	Microwave-assisted chemical synthesis of conducting polyindole: Study of electrical property using Schottky junction. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	21
115	Electrochemical Study of Interfacially Synthesized Polycarbazole with Different Oxidants. <i>ChemElectroChem</i> , <b>2015</b> , 2, 2001-2010	4.3	10
114	Genosensor based on a nanostructured, platinum-modified glassy carbon electrode for Listeria detection. <i>Analytical Methods</i> , <b>2015</b> , 7, 2616-2622	3.2	23
113	Heat transfer biofluids: A novel approach towards weed management. <i>Ecological Engineering</i> , <b>2015</b> , 84, 492-495	3.9	2
112	A chitosan-based polyaniline/Au nanocomposite biosensor for determination of cholesterol. <i>Analytical Methods</i> , <b>2014</b> , 6, 817-824	3.2	60



111	In-situ synthesis of polyaniline coated montmorillonite (Mt) clay using Fe+3 intercalated Mt as oxidizing agent. <i>Applied Clay Science</i> , <b>2014</b> , 95, 50-54	5.2	10
110	Molecular self ordering and charge transport in layer by layer deposited poly (3,3?-dialkylquarterthiophene) films formed by Langmuir-Schaefer technique. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 094311	2.5	21
109	One pot synthesis of coordination polymer 2,5-dimercapto-1,3,4-thiadiazole-gold and its application in voltammetric sensing of resorcinol. <i>RSC Advances</i> , <b>2014</b> , 4, 25675-25682	3.7	18
108	An anthraquinone moiety/cysteamine functionalized-gold nanoparticle/chitosan based nanostructured composite for the electroanalytical detection of dissolved oxygen within aqueous media. <i>Analytical Methods</i> , <b>2014</b> , 6, 8793-8801	3.2	12
107	Photochemically assisted formation of silver nanoparticles by dithizone, and its application in amperometric sensing of cefotaxime. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 6859-6866	7.1	21
106	Status and Environmental Impact of Emissions from Thermal Power Plants in India. <i>Environmental Forensics</i> , <b>2014</b> , 15, 219-224	1.6	3
105	Influence of monomer concentration on polycarbazole-polyindole (PCzPI) copolymer properties: Application in Schottky diode. <i>Solid State Sciences</i> , <b>2014</b> , 35, 56-61	3.4	7
104	Graphene sheets modified with polyindole for electro-chemical detection of dopamine. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 2501-6	1.3	12
103	Photochemical assisted formation of silver nano dendrites and their application in amperometric sensing of nitrite. <i>RSC Advances</i> , <b>2014</b> , 4, 7521	3.7	16
102	Directed Self-Assembly of Poly(3,3?-dialkylquarterthiophene) Polymer Thin Film: Effect of Annealing Temperature. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 22943-22951	3.8	28
101	Phenothiazine-Capped Gold Nanoparticles: Photochemically Assisted Synthesis and Application in Electro-sensing of Phosphate Ions. <i>ChemElectroChem</i> , <b>2014</b> , 1, 793-798	4.3	6
100	Gold nanoparticles incorporated 3-(trimethoxysilyl)propyl methacrylate modified electrode for non-enzymatic electro-sensing of urea. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 2786-91	1.3	2
99	Poly(3-hexylthiophene) (P3HT)/graphene nanocomposite material based organic field effect transistor with enhanced mobility. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 2823-8	1.3	15
98	A comparative study of spin coated and floating film transfer method coated poly (3-hexylthiophene)/poly (3-hexylthiophene)-nanofibers based field effect transistors. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 094306	2.5	19
97	Nano-dimensional self assembly of regioregular poly (3-hexylthiophene) in toluene: Structural, optical, and morphological properties. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	11
96	Synthesis of polyanthranilic acid-Au nanocomposites by emulsion polymerization: development of dopamine sensor. <i>Bulletin of Materials Science</i> , <b>2014</b> , 37, 1389-1395	1.7	1
95	Ninety Second Electrosynthesis of Palladium Nanocubes on ITO Surface and Its Application in Electro-sensing of Cefotaxime. <i>Electroanalysis</i> , <b>2014</b> , 26, 2337-2341	3	12
94	P3HT-fiber-based field-effect transistor: Effects of nanostructure and annealing temperature. <i>Japanese Journal of Applied Physics</i> , <b>2014</b> , 53, 021601	1.4	15

93	Lanthanide Doped Dual-Mode Nanophosphor as a Spectral Converter for Promising Next Generation Solar Cells. <i>Science of Advanced Materials</i> , <b>2014</b> , 6, 405-412	2.3	12
92	Inhibitive Effect of Chlorophytum borivilianum Root Extract on Mild Steel Corrosion in HCl and H <sub>2</sub> SO <sub>4</sub> Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 10673-10681	3.9	83
91	Synthesis of conducting poly(5-carboxyindole)/Au nanocomposite: Investigation of structural and nanoscale electrical properties. <i>Thin Solid Films</i> , <b>2013</b> , 534, 120-125	2.2	9
90	Pressure dependent surface morphology and Raman studies of semicrystalline poly(indole-5-carboxylic acid) by the LangmuirBlodgett technique. <i>RSC Advances</i> , <b>2013</b> , 3, 15712	3.7	19
89	A comparative thermal, optical, morphological and mechanical properties studies of pristine and C15A nanoclay-modified PC/PMMA blends: a critical evaluation of the role of nanoclay particles as compatibilizers. <i>RSC Advances</i> , <b>2013</b> , 3, 15411	3.7	17
88	Electrocatalytic Performance of Interfacially Synthesized Au-Polyindole Composite toward Formic Acid Oxidation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 9374-9380	3.9	18
87	Probing a highly efficient dual mode: down-upconversion luminescence and temperature sensing performance of rare-earth oxide phosphors. <i>Dalton Transactions</i> , <b>2013</b> , 42, 1065-72	4.3	115
86	Fabrication of Large-scale Drop-cast Films of Conjugated Polymers with Floating-film Transfer Method. <i>Transactions of the Materials Research Society of Japan</i> , <b>2013</b> , 38, 305-308	0.2	11
85	Macroscopic self ordering of solution processible poly(3,3'-dialkylquaterthiophene) by floating film transfer method. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 054309	2.5	36
84	Study of electrical properties of poly-3-alkylthiophen (P3AT) derivatives P3HT, P3BT and P3DDT based field effect transistors <b>2013</b> ,		1
83	Enhancement in performance of polycarbazole-graphene nanocomposite Schottky diode. <i>AIP Advances</i> , <b>2013</b> , 3, 122120	1.5	34
82	Polyindole/ carboxylated-multiwall carbon nanotube composites produced by in-situ and interfacial polymerization. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 135, 80-87	4.4	27
81	Polyindole-Au nanocomposite produced at the liquid/liquid interface. <i>Materials Letters</i> , <b>2012</b> , 66, 250-253	3.3	27
80	Mechanical properties and morphological studies of C/CB <sub>i</sub> C composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2012</b> , 534, 707-710	5.3	8
79	Chemical Synthesis of Polycarbazole (PCz), modification and pH sensor application <b>2012</b> ,		4
78	Organic Schottky diode based on conducting polymer/nanoclay composite. <i>RSC Advances</i> , <b>2012</b> , 2, 5277	3.7	36
77	Effect of organic solvents on peroxidases from rice and horseradish: prospects for enzyme based applications. <i>Talanta</i> , <b>2012</b> , 97, 204-10	6.2	21
76	Evidence for in situ graft copolymer formation and compatibilization of PC and PMMA during reactive extrusion processing in the presence of the novel organometallic transesterification catalyst tin(II) 2-ethylhexanoate. <i>RSC Advances</i> , <b>2012</b> , 2, 10316	3.7	20

75	A comparative study on surface morphological investigations of ferric oxide for LPG and opto-electronic humidity sensors. <i>Applied Surface Science</i> , <b>2012</b> , 258, 8780-8789	6.7	24
74	Electro-oxidation of formic acid using polyindole-SnO <sub>2</sub> nanocomposite. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 2533	5.5	47
73	Poly-3-hexylthiophene based organic field-effect transistor: Detection of low concentration of ammonia. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 962-968	8.5	91
72	Interfacial Polymerization of Polyanthranilic Acid: Morphology Controlled Synthesis. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 1457-1464	2.6	8
71	Calcium ion-sensor based on polyindole-camphorsulfonic acid composite. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 2993-2999	2.9	9
70	Synthesis of polyacrylamide-montmorillonite clay nanocomposite using non-conventional electrochemical technique. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 489-93	1.3	
69	Synthesis of nanorods and mixed shaped copper ferrite and their applications as liquefied petroleum gas sensor. <i>Applied Surface Science</i> , <b>2011</b> , 257, 10763-10770	6.7	70
68	Electronic properties of soluble functionalized polyaniline (polyanthranilic acid)-multiwalled carbon nanotube nanocomposites: Influence of synthesis methods. <i>Synthetic Metals</i> , <b>2011</b> , 161, 481-488	3.6	15
67	Controlled drug release characteristics and enhanced antibacterial effect of graphene nanosheets containing gentamicin sulfate. <i>Nanoscale</i> , <b>2011</b> , 3, 4104-8	7.7	123
66	Inhibitive Effect of Argemone mexicana Plant Extract on Acid Corrosion of Mild Steel. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 11954-11959	3.9	135
65	Synthesis of carbon nanotube and nanoclay composites of polyanthranilic acid and their effects on electronic properties. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 154-5	4	1
64	One-pot synthesis of Polyindole/Au nanocomposite and its nanoscale electrical properties. <i>Materials Letters</i> , <b>2011</b> , 65, 3016-3019	3.3	35
63	Polyaniline-poly(vinyl alcohol) IPN-composite prepared from potassium dichromate embedded PVA film: a material for humidity sensing application. <i>Indian Journal of Physics</i> , <b>2011</b> , 85, 703-712	1.4	5
62	Synthesis of functionalized conducting polymer polyanthranilic acid using various oxidizing agents and formation of composites with PVC. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 1982-1988 <sup>3,2</sup>		5
61	Novel Synthesis of Polycarbazole/Gold Nanocomposite. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 1692-1699	2.6	23
60	Nano-structured nickel oxide based DNA biosensor for detection of visceral leishmaniasis (Kala-azar). <i>Analyst, The</i> , <b>2011</b> , 136, 2845-51	5	62
59	Methanol derived large scale chemical synthesis of brightly fluorescent graphene. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 6506		9
58	Electronic Properties and Photoresponse of Polycarbazole-Multiwalled Carbon Nanotube Nanocomposite/Aluminum Schottky Diode. <i>IEEE Electron Device Letters</i> , <b>2011</b> , 32, 593-595	4.4	13

57	Reactive compatibilization of polycarbonate and poly(methyl methacrylate) in the presence of a novel transesterification catalyst SnCl <sub>2</sub> ·2H <sub>2</sub> O. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 1601-7	3.4	22
56	Synthesis of nano ground nutshell-like polyindole by supramolecular assembled salts of ss-DNA assisted chloroauric acid. <i>Chemical Physics Letters</i> , <b>2011</b> , 511, 77-81	2.5	9
55	Suppression of electrochemical creep by cross-link in polypyrrole soft actuators. <i>Physics Procedia</i> , <b>2011</b> , 14, 143-146		16
54	Preparation and characterization of Tb <sup>3+</sup> and Tb(sal) <sub>3</sub> ·H <sub>2</sub> O doped PC:PMMA blend. <i>Journal of Luminescence</i> , <b>2011</b> , 131, 2451-2456	3.8	14
53	Functionalized Conjugated Polymer/ZnO Nanocomposite: Synthesis and Characterization. <i>Advanced Materials Research</i> , <b>2011</b> , 264-265, 849-855	0.5	
52	Contamination of Drinking Water Due to Coal-Based Thermal Power Plants in India. <i>Environmental Forensics</i> , <b>2011</b> , 12, 92-97	1.6	8
51	Urea Biosensor Based on Conducting Polymer Transducers <b>2010</b> ,		4
50	Influence of Synthesis Conditions on Electronic and Junction Properties of Poly(anthranilic acid)/Clay Nanocomposites with Aluminum. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 01AD06	1.4	4
49	Structural, thermal, and fluorescence properties of Eu(DBM)(3)Phen(x) complex doped in PMMA. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 13042-51	3.4	82
48	A label-free genosensor for BRCA1 related sequence based on impedance spectroscopy. <i>Analyst, The</i> , <b>2010</b> , 135, 2887-93	5	26
47	Interfacial polymerization of carbazole: Morphology controlled synthesis. <i>Synthetic Metals</i> , <b>2010</b> , 160, 523-528	3.6	39
46	Novel conducting polymer functionalized with metal-cyclam complex and its sensor application: development of azidothymidine drug sensor. <i>Talanta</i> , <b>2010</b> , 81, 449-54	6.2	9
45	Preparation and characterization of hydroxypropyl-β-cyclodextrin inclusion complex of eugenol: differential pulse voltammetry and (1)H-NMR. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2010</b> , 58, 1313-9	1.9	31
44	Assessment of contamination of soil due to heavy metals around coal fired thermal power plants at Singrauli region of India. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2010</b> , 85, 219-23	2.7	55
43	Specific interactions in partially miscible polycarbonate (PC)/poly (methyl methacrylate) (PMMA) blends. <i>Chemical Physics Letters</i> , <b>2010</b> , 486, 32-36	2.5	24
42	A proposed organic Schottky barrier photodetector for application in the visible region. <i>Current Applied Physics</i> , <b>2010</b> , 10, 900-903	2.6	19
41	Effect of post annealing on structural and optical properties of ZnO thin films deposited by vacuum coating technique. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2010</b> , 21, 309-315	2.1	37
40	Controlled morphology of conducting polymers: Formation of nanorods and microspheres of polyindole. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 120, 625-630	4.4	67

39	A facile methodology for the design of functionalized hollow silica spheres. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 346, 265-9	9.3	24
38	Functionalization of conducting polymer with novel Co(II) complex: Electroanalysis of ascorbic acid. <i>Materials Science and Engineering C</i> , <b>2010</b> , 30, 781-787	8.3	4
37	Chemical synthesis of poly(5-carboxyindole) and poly(5-carboxyindole)/carboxylated multiwall carbon nanotube nanocomposite. <i>Thin Solid Films</i> , <b>2010</b> , 519, 218-222	2.2	15
36	Electrolyte effects on various properties of polycarbazole. <i>Thin Solid Films</i> , <b>2010</b> , 519, 1016-1019	2.2	30
35	Structural and optical properties of Sm(DBM)3Phen doped in poly(methyl methacrylate) (PMMA): An evidence for cascading energy transfer process. <i>Chemical Physics Letters</i> , <b>2010</b> , 485, 309-314	2.5	19
34	Synthesis of processible doped polyaniline-polyacrylic acid composites. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 114, 874-882	2.9	14
33	Processible polyacid doped polyaniline composites: Application for charge storage devices. <i>Materials Science and Engineering C</i> , <b>2009</b> , 29, 1746-1751	8.3	32
32	Synthesis, Spectral and Electrochemical Studies of Co(II) and Zn(II) Complexes of a Novel Schiff base Derived from Pyridoxal. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2009</b> , 39, 129-132		3
31	Enhancement of specific capacitance of polyaniline by secondary metal ion doping <b>2009</b> ,		1
30	Synthesis and Characterization of Novel Heterobinuclear Mercury(II)-DTPA-M(II) Complexes: Electrocatalytic and Sensor Applications. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2009</b> , 39, 124-128		4
29	Electrical properties of multiwalled carbon nanotubes /polyaniline nanocomposite <b>2009</b> ,		2
28	Trace analysis of cefotaxime at carbon paste electrode modified with novel Schiff base Zn(II) complex. <i>Talanta</i> , <b>2009</b> , 77, 1426-31	6.2	35
27	Electronic and optical properties of electrochemically polymerized polycarbazole/aluminum Schottky diodes. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 114506	2.5	48
26	Improved Thermal Stability and Electrochemical Behavior of CNTs/Polyaniline Nanocomposite. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 5382-5388	1.3	4
25	Electronic properties and junction behaviour of micro- and nano-meter-sized polyanthranilic acid/metal contacts. <i>Synthetic Metals</i> , <b>2008</b> , 158, 939-945	3.6	5
24	A self-doped conducting polymer [polyanthranilic acid]An efficient corrosion inhibitor for mild steel in acidic solution. <i>Corrosion Science</i> , <b>2008</b> , 50, 2867-2872	6.8	106
23	Electronic Properties and Junction Behavior of Polyanthranilic Acid/Metal Contacts. <i>IEEE Electron Device Letters</i> , <b>2008</b> , 29, 571-574	4.4	21
22	Microbial biosensor based on whole cell of Pseudomonas sp. for online measurement of p-Nitrophenol. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 131, 295-300	8.5	37

21	Synthesis and characterization of polyaniline-carboxylated PVC composites: Application in development of ammonia sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 132, 99-106	8.5	62
20	Determination of total arsenic content in water by atomic absorption spectroscopy (AAS) using vapour generation assembly (VGA). <i>Chemosphere</i> , <b>2006</b> , 63, 17-21	8.4	44
19	Novel Ni(II) Mixed Ligand Complex Modified Electrode: Catalytic Effect on Anodic Oxidation of Phenol. <i>Electroanalysis</i> , <b>2004</b> , 16, 572-576	3	14
18	Direct Estimation of Total Arsenic Using A Novel Metal Side Disk Rotating Electrode. <i>Electroanalysis</i> , <b>2003</b> , 15, 1410-1414	3	32
17	Estimation of Copper in Natural Water and Blood Using Anodic Stripping Differential Pulse Voltammetry over a Rotating Side Disk Electrode. <i>Electroanalysis</i> , <b>2002</b> , 14, 303-308	3	5
16	Electrochemistry of polyaniline: Study of the pH effect and electrochromism. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 83, 378-385	2.9	69
15	Copper(II) ion sensor based on electropolymerized undoped conducting polymers. <i>Journal of Solid State Electrochemistry</i> , <b>2002</b> , 6, 203-208	2.6	22
14	Electrochemical and spectroscopic studies of metal cyclam complexes with thiocyanate. Evidence for mixed ligand complex formation. <i>Transition Metal Chemistry</i> , <b>2002</b> , 27, 598-603	2.1	3
13	Polycarbazole modified electrode; nitric oxide sensor. <i>Polymer Bulletin</i> , <b>2001</b> , 46, 487-490	2.4	27
12	Copper(II) ion-selective microelectrochemical transistor. <i>Applied Biochemistry and Biotechnology</i> , <b>2001</b> , 96, 63-9	3.2	15
11	Studies on polycarbazole-modified electrode and its applications in the development of solid-state potassium and copper(II) ion sensors. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 75, 1749-1759	2.9	35
10	Effect of steric hinderance on junction properties of poly (3-alkylthiophene)s based schottky diodes. <i>Polymer Bulletin</i> , <b>2000</b> , 45, 267-274	2.4	15
9	A comparative study of a polyindole-based microelectrochemical transistor in aqueous and non-aqueous electrolytes. <i>Journal of Solid State Electrochemistry</i> , <b>2000</b> , 4, 231-233	2.6	10
8	Copper(II) ion-selective microelectrochemical transistor. <i>Journal of Solid State Electrochemistry</i> , <b>2000</b> , 4, 234-236	2.6	38
7	Electrochromic window based on polyaniline. <i>Journal of Solid State Electrochemistry</i> , <b>1998</b> , 2, 123-125	2.6	29
6	Polyindole modified potassium ion-sensor using dibenzo-18-crown-6 mediated PVC matrix membrane. <i>Sensors and Actuators B: Chemical</i> , <b>1998</b> , 46, 61-65	8.5	68
5	Characterization of Electropolymerized Polyindole: Application in the Construction of a Solid-State, Ion-Selective Electrode. <i>Journal of the Electrochemical Society</i> , <b>1998</b> , 145, 4103-4107	3.9	82
4	Electrochemical Synthesis of Polyindole and Its Evaluation for Rechargeable Battery Applications. <i>Journal of the Electrochemical Society</i> , <b>1998</b> , 145, 999-1003	3.9	123

3	Visible Light Photocatalysis on Magnetically Recyclable Fe <sub>3</sub> O <sub>4</sub> /Cu <sub>2</sub> O Nanostructures. <i>Catalysis Letters</i> ,1	2.8	1
2	Influence of the maturity of <i>Musa paradisiaca</i> peels on mild steel corrosion in sulfuric acid. <i>Journal of Adhesion Science and Technology</i> ,1-21	2	0
1	Iron/Iron Carbide (Fe/Fe <sub>3</sub> C) Encapsulated in S, N Codoped Graphitic Carbon as a Robust HER Electrocatalyst. <i>Energy &amp; Fuels</i> ,	4.1	3