Asezai S Sara

List of Publications by Year in Descending Order

240 papers	3,872 citations	31 h-index	46 g-index
251 ext. papers	4,258 ext. citations	3.6 avg, IF	5.72 L-index

#	Paper	IF	Citations
240	Multilayer crystal-amorphous Pd-based nanosheets on Si/SiO2 with interface-controlled ion transport for efficient hydrogen storage. *International Journal of Hydrogen Energy*, **2022**, 47, 6777-6788	6.7	0
239	Surface electrocoating of single carbon fibre with electroactive 3,4-ethylenedioxythiophene/1-p(tolylsulphonyl) pyrrole copolymer: effect of dielectric constant of solvent. *Bulletin of Materials Science*, **2021**, 44, 1	1.7	1
238	Transition metal-based high entropy alloy microfiber electrodes: Corrosion behavior and hydrogen activity. *Corrosion Science*, **2021**, 193, 109880	6.8	0
237	Origin of Electrocatalytic Activity in Amorphous Nickel-Metalloid Electrodeposits. *ACS Applied Materials & Interfaces*, **2021**, 13, 23689-23701	9.5	1
236	Silk-fibroin-containing nanofibers for topical sertaconazole delivery: preparation, characterization, and antifungal activity. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2021**, 70, 605-622	3	2
235	A green approach to fabricate binder-free S-doped graphene oxide electrodes for vanadium redox battery. *International Journal of Energy Research*, **2021**, 45, 2126-2137	4.5	9
234	Thermomechanical and structural characterization of polybutadiene/poly(ethylene oxide)/ CNT stretchable electrospun fibrous membranes. *Polymers for Advanced Technologies*, **2021**, 32, 248-261	3.2	2
233	Electrospun nanofibers of poly (acrylonitrile-co-itaconic acid)/silver and polyacrylonitrile/silver: In situ preparation, characterization, and antimicrobial activity. *Journal of Industrial Textiles*, **2021**, 50, 1594-1624	1.6	2
232	Carbon Nanomaterials **2021**, 784-809		
231	Electrospun polyacrylonitrile/2-(acryloyloxy)ethyl ferrocenecarboxylate polymer blend nanofibers. *Molecular Systems Design and Engineering*, **2021**, 6, 476-492	4.6	0
230	Functionalized highly electron-rich redox-active electropolymerized 3,4-propylenedioxythiophenes as precursors and targets for bioelectronics and supercapacitors. *Molecular Systems Design and Engineering*, **2021**, 6, 214-233	4.6	3
229	Nanoporous PdCuSi Amorphous Thin Films for Electrochemical Hydrogen Storage and Sensing. *ACS Applied Energy Materials*, **2021**, 4, 2672-2680	6.1	2
228	Effective Methanol Oxidation with Platinum Nanoparticles-Decorated Poly(2-bromomethyl-2-methyl-3,4-propylenedioxythiophene)-Coated Glassy Carbon Electrode. *Journal of the Electrochemical Society*, **2021**, 168, 086503	3.9	0
227	Enhancement of Interfacial Hydrogen Interactions with Nanoporous Gold-Containing Metallic Glass. *ACS Applied Materials & Interfaces*, **2021**, 13, 42613-42623	9.5	2
226	Porosity and thickness effect of PdCuSi metallic glasses on electrocatalytic hydrogen production and storage. *Materials and Design*, **2021**, 210, 110099	8.1	0
225	Silver sulfadiazine Loaded Poly (Caprolactone)/Poly (Ethylene Oxide) Composite Nanofibers for Topical Drug Delivery. *Nano*, **2020**, 15, 2050073	1.1	3
224	Thermal stabilization of poly(acrylonitrile-co-itaconic acid) nanofibers as carbon nanofiber precursor. *Polymer Degradation and Stability*, **2020**, 175, 109142	4.7	2

223	Oligoether Ester-Functionalized ProDOT Copolymers on Si/Monolayer Graphene as Capacitive Thin Film Electrodes. *Journal of the Electrochemical Society*, **2020**, 167, 070543	3.9	6
222	Nonflammable pre-carbonized polyacrylonitrile nanofiber webs. *SN Applied Sciences*, **2020**, 2, 1	1.8	
221	Hydrogen storage performance of the multi-principal-component CoFeMnTiVZr alloy in electrochemical and gas-solid reactions.. *RSC Advances*, **2020**, 10, 24613-24623	3.7	14
220	Metallic Glass Films with Nanostructured Periodic Density Fluctuations Supported on Si/SiO as an Efficient Hydrogen Sorber. *Chemistry - A European Journal*, **2020**, 26, 8244-8253	4.8	8
219	Effects of Polyvinylpyrrolidone and Ethyl Cellulose in Polyurethane Electrospun Nanofibers on Morphology and Drug Release Characteristics. *Turkish Journal of Pharmaceutical Sciences*, **2020**, 17, 638-644	1.1	3
218	Nanocomposite structures of polypyrrole derivatives and poly (acrylonitrile-co-itaconic acid) produced by in situ polymerization as carbon nanofiber precursor. *Polymers for Advanced Technologies*, **2020**, 31, 536-543	3.2	2
217	Electrocatalytic Behavior of Hydrogenated Pd-Metallic Glass Nanofilms: Butler-Volmer, Tafel, and Impedance Analyses. *Electrocatalysis*, **2020**, 11, 94-109	2.7	17
216	Voriconazole incorporated nanofiber formulations for topical application: preparation, characterization and antifungal activity studies against species. *Pharmaceutical Development and Technology*, **2020**, 25, 440-453	3.4	10
215	A multifunctional long-term release system for treatment of hypothyroidism. *Journal of Biomedical Materials Research - Part A*, **2020**, 108, 760-759	5.4	3
214	Thermally Treated Graphene Oxide/Polyacrylonitrile Based Electrospun Carbon Nanofiber Precursor. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 3448-3459	1.3	7
213	Surface-governed electrochemical hydrogenation in FeNi-based metallic glass. *Journal of Power Sources*, **2020**, 475, 228700	8.9	4
212	Effective electrocatalytic methanol oxidation of Pd-based metallic glass nanofilms. *Nanoscale*, **2020**, 12, 22586-22595	7.7	10
211	A Novel Dioxythiophene Based Conducting Polymer as Electrode Material for Supercapacitor Application. *International Journal of Electrochemical Science*, **2019**, 9504-9519	2.2	6
210	A Ternary PEDOT-TiO2-Reduced Graphene Oxide Nanocomposite for Supercapacitor Applications. *Macromolecular Research*, **2019**, 27, 867-875	1.9	5
209	Ultrahigh hydrogen-sorbing palladium metallic-glass nanostructures. *Materials Horizons*, **2019**, 6, 1481-1487	14.4	11
208	A Novel Carbon Nanofiber Precursor: Poly(acrylonitrile-co-vinylacetate-co-itaconic acid) Terpolymer. *Journal of Nanoscience and Nanotechnology*, **2019**, 19, 3844-3853	1.3	4
207	Electrospun polyacrylonitrile/lauric acid composite nanofiber webs as a thermal energy storage material. *Journal of Engineered Fibers and Fabrics*, **2019**, 14, 155892501882489	0.9	2
206	Development of a flame retardant chemical for finishing of cotton, polyester, and CO/PET blends. *Journal of Industrial Textiles*, **2019**, 49, 141-161	1.6	15

205	Carbon Nanomaterials. *Advances in Chemical and Materials Engineering Book Series*, **2019**, 1-33	0.2	2
204	Polypyrrole/barium titanate/poly(acrylonitrile-co-methylacrylate)-deposited cotton fabrics: Electromagnetic shielding. *Journal of Industrial Textiles*, **2018**, 47, 656-673	1.6	7
203	Oxidation of polyacrylonitrile nanofiber webs as a precursor for carbon nanofiber: aligned and non-aligned nanofibers. *Polymer Bulletin*, **2018**, 75, 485-499	2.4	25
202	Determination of Membrane Protein Fouling by UV Spectroscopy and Electrochemical Impedance Spectroscopy. *Polymer-Plastics Technology and Engineering*, **2018**, 57, 59-69		9
201	Fabrication and characterization of poly(butyl acrylate-co-methyl methacrylate)-polypyrrole nanofibers. *Polymer Bulletin*, **2018**, 75, 1607-1617	2.4	3
200	Impedimetric DNA biosensor based on polyurethane/poly(m-anthranilic acid) nanofibers. *Sensors and Actuators B: Chemical*, **2018**, 254, 719-726	8.5	22
199	Effects of carboxylated multi-walled carbon nanotubes having different outer diameters on hollow fiber ultrafiltration membrane fabrication and characterization by electrochemical impedance spectroscopy. *Polymer Bulletin*, **2018**, 75, 2431-2457	2.4	6
198	Electrospun carbon nanofiber web electrode: Supercapacitor behavior in various electrolytes. *Journal of Applied Polymer Science*, **2018**, 135, 45723	2.9	20
197	Facile synthesis of poly[1-p (tolylsulfonyl) pyrrole] via Ce (IV)-pyrrole redox initiating system and polyacrylonitrile blended nanofibers. *Polymers for Advanced Technologies*, **2018**, 29, 2440-2448	3.2	4
196	Morphological and Electrochemical Impedance Spectroscopy (EIS) Study of poly(3,4 ethylenedioxythiophene)-coated poly(acrylonitrile-co-styrene) nanoparticles. *International Journal of Electrochemical Science*, **2018**, 433-451	2.2	2
195	Preparation and Electrochemical Performances of Graphene Oxide/PEDOT and Reduced Graphene Oxide/PEDOT Nanofibers and Nanocomposites. *Fibers and Polymers*, **2018**, 19, 2178-2187	2	9
194	Electrosorption of Hydrogen in Pd-Based Metallic Glass Nanofilms. *ACS Applied Energy Materials*, **2018**, 1, 2630-2646	6.1	19
193	RGD functionalized poly(ε-caprolactone)/poly(m-anthranilic acid) electrospun nanofibers as high-performing scaffolds for bone tissue engineering RGD functionalized PCL/P3ANA nanofibers. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2017**, 66, 139-148	3	22
192	Polyurethane/hydroxypropyl cellulose electrospun nanofiber mats as potential transdermal drug delivery system: characterization studies and in vitro assays. *Artificial Cells, Nanomedicine and Biotechnology*, **2017**, 45, 655-664	6.1	56
191	Superhydrophobic fluorinated acylonitrile coatings via electrospraying. *Progress in Organic Coatings* , **2017**, 105, 342-352	4.8	12
190	Au/PANA/PVAc and Au/P(ANA-co-CNTA)/PVAc electrospun nanofibers as tyrosinase immobilization supports. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2017**, 66, 658-668	3	1
189	Oxidative stabilization of polyacrylonitrile nanofibers and carbon nanofibers containing graphene oxide (GO): a spectroscopic and electrochemical study. *Beilstein Journal of Nanotechnology*, **2017**, 8, 1616-1628	3	41
188	Gold nanoparticle/nickel oxide/poly(pyrrole-N-propionic acid) hybrid multilayer film: Electrochemical study and its application in biosensing. *EXPRESS Polymer Letters*, **2017**, 11, 449-466	3.4	11

187	Morphological effect of composite TiO2 nanorod-TiO2 nanoparticle/PEDOT:PSS electrodes on triiodide reduction. *EXPRESS Polymer Letters*, **2017**, 11, 106-116	3.4	3
186	Glucose oxidase immobilization onto Au/poly[anthranilic acid-co-3-carboxy-N-(2-thenylidene)aniline]/PVAc electrospun nanofibers. *Polymer Bulletin*, **2017**, 74, 1493-1517	2.4	3
185	Characterization of polyacrylonitrile, poly(acrylonitrile-co-vinyl acetate), and poly(acrylonitrile-co-itaconic acid) based activated carbon nanofibers. *Journal of Applied Polymer Science*, **2017**, 134,	2.9	36
184	Electrochemical and Morphological Analysis of Poly(3,4-alkylenedioxythiophene)-Modified TiO2 Nanorod Electrodes. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 5461-5468	1.3	2
183	Poly(acrylonitrile-co-itaconic acid)–poly(3,4-ethylenedioxythiophene) and poly(3-methoxythiophene) nanoparticles and nanofibres. *Bulletin of Materials Science*, **2017**, 40, 957-969	1.7	7
182	FR Performance of New Fire-off on PET/CO blend fabrics. *IOP Conference Series: Materials Science and Engineering*, **2017**, 254, 082003	0.4	
181	Electropolymerization of 9-Carbazole Acetic Acid in Room Temperature Ionic Liquid-Acetonitrile Mixture: Morphology, Capacitance, and Mott–Schottky Analysis. *Journal of the Electrochemical Society*, **2016**, 163, G107-G114	3.9	7
180	Synthesis, Characterization and Electrochemical Polymerization of a Comonomer Bearing Thiophene and Imidazole: The Comparison of Impedance Behavior on Different Surfaces. *ECS Journal of Solid State Science and Technology*, **2016**, 5, P211-P217	2	
179	In-situ preparation and characterization of pyrrole and tert-butyl 1-pyrrole-carboxylate on barium titanate/poly(acrylonitrile-co-methylacrylate) nanoparticles. *Reactive and Functional Polymers*, **2016** , 100, 1-11	4.6	3
178	(Au/PANA/PVAc) nanofibers as a novel composite matrix for albumin and streptavidin immobilization. *Materials Science and Engineering C*, **2016**, 60, 260-275	8.3	6
177	Electrochemical Impedance Study on Poly(Alkylenedioxy)Thiophene Nanostructures: Solvent and Potential Effect. *Nanoscience and Technology*, **2016**, 461-476	0.6	0
176	The effect of deposition on electrochemical impedance properties of TiO2/FTO photoanodes. *Journal of Electroceramics*, **2016**, 36, 102-111	1.5	5
175	Covalent streptavidin immobilization on electrospun poly(m-anthranilic acid)/polycaprolactone nanofibers and cytocompatibility. *Journal of Bioactive and Compatible Polymers*, **2016**, 31, 291-303	2	0
174	Electrochemical impedance and spectroscopy study of the EDC/NHS activation of the carboxyl groups on poly(ε-caprolactone)/poly(m-anthranilic acid) nanofibers. *EXPRESS Polymer Letters*, **2016**, 10, 96-110	3.4	25
173	Electrochemical Impedance Spectroscopic Study on Polypyrrole/Barium Titanate/Poly(acrylonitrile-co-methylacrylate) Nanoparticles. *Journal of the Electrochemical Society*, **2016**, 163, H205-H212	3.9	6
172	Synthesis and characterization of poly (acrylonitrile-co-acrylic acid) as precursor of carbon nanofibers. *Polymers for Advanced Technologies*, **2016**, 27, 1383-1388	3.2	24
171	Covalent Immobilization of Urease on Poly(Pyrrole-3-carboxylic Acid): Electrochemical Impedance and Mott Schottky Study. *Journal of the Electrochemical Society*, **2016**, 163, B435-B444	3.9	4
170	Enhanced osteogenesis on biofunctionalized poly(e-caprolactone)/poly(m-anthranilic acid) nanofibers. *Journal of Biomaterials Applications*, **2016**, 31, 743-754	2.9	6

169	Frequency and Temperature Dependence of Dielectric Behaviors for Conductive Acrylic Composites. *Advances in Polymer Technology*, **2016**, 35,	1.9	9
168	Synthesis and Characterization of Poly(Acrylonitrile-co-Vinylacetate)/Fe2O3@PEDOT Core-Shell Nanocapsules and Nanofibers. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2015**, 64, 597-609	3	6
167	Synthesis and electrochemical investigation of polyindole based fiber as sensor electrode by EIS method. *Fibers and Polymers*, **2015**, 16, 1468-1477	2	7
166	In situ spectroscopic and electrochemical impedance study of gold/poly (anthranilic acid) core/shell nanoparticles. *European Polymer Journal*, **2015**, 66, 502-512	5.2	9
165	BMP-2 immobilized PCL/P3ANA nanofibers for bone tissue engineering **2015**,		2
164	Covalent Immobilization of Tyrosinase on Electrospun Polyacrylonitrile/Polyurethane/Poly(m-anthranilic acid) Nanofibers: An Electrochemical Impedance Study. *Polymer-Plastics Technology and Engineering*, **2015**, 54, 1494-1504		23
163	Electrochemical impedance spectroscopic study of single-stranded DNA-immobilized electroactive polypyrrole-coated electrospun poly(ε-caprolactone) nanofibers. *Materials Express*, **2015**, 5, 269-279	1.3	25
162	A review: effect of conductive polymers on the conductivities of electrospun mats. *Textile Reseach Journal*, **2014**, 84, 1325-1342	1.7	45
161	Electrospun antibacterial nanofibrous polyvinylpyrrolidone/cetyltrimethylammonium bromide membranes for biomedical applications. *Journal of Bioactive and Compatible Polymers*, **2014**, 29, 382-397	2	14
160	Electrochemical synthesis, characterization and capacitive properties of novel thiophene based conjugated polymer. *Reactive and Functional Polymers*, **2014**, 83, 107-112	4.6	9
159	An impedance-morphology study on poly(3-methylthiophene) coated electrode obtained in boron trifluoride diethyl etherate–acetonitrile. *Synthetic Metals*, **2014**, 195, 44-53	3.6	9
158	Incorporation of growth factor loaded microspheres into polymeric electrospun nanofibers for tissue engineering applications. *Journal of Biomedical Materials Research - Part A*, **2014**, 102, 1897-908	5.4	40
157	Nanofibers of Poly(Acrylonitrile-co-Methylacrylate)/Polypyrrole Core–Shell Nanoparticles. *Advanced Science, Engineering and Medicine*, **2014**, 6, 301-310	0.6	3
156	New Preparation Route of TiO2 Nanofibers by Electrospinning: Spectroscopic and Thermal Characterizations. *Science of Advanced Materials*, **2014**, 6, 2618-2624	2.3	10
155	<i>In Situ</i> Preparation of Core Shell-Polypyrrole /Poly (Acrylonitrile-Co-Vinyl Acetate) Nanoparticles and Their Nanofibers. *Soft Nanoscience Letters*, **2014**, 04, 42-49	0.3	3
154	Acrylonitrile/vinyl acetate copolymer nanofibers with different vinylacetate content. *Journal of Applied Polymer Science*, **2013**, 127, 3830-3838	2.9	11
153	Synthesis of urethane acrylate based electromagnetic interference shielding materials. *Journal of Applied Polymer Science*, **2013**, 127, 4957-4966	2.9	4
152	Electrochemical impedance study on nanofibers of poly(m-anthranilic acid)/polyacrylonitrile blends. *European Polymer Journal*, **2013**, 49, 2645-2653	5.2	24

151	Inhibition of pyrite corrosion and photocorrosion by MEKF-R modified carbazoles. *Progress in Organic Coatings*, **2013**, 76, 533-540	4.8	12
150	Polypyrrole/Poly(acrylonitrile-co-butyl acrylate) Composite. *Advances in Polymer Technology*, **2013**, 32, E784-E792	1.9	5
149	Transparent poly(methyl methacrylate-co-butyl acrylate) nanofibers. *Journal of Applied Polymer Science*, **2013**, 130, n/a-n/a	2.9	4
148	Electrochemical impedance characterization and potential dependence of poly[3,4-(2,2-dibutylpropylenedioxy)thiophene] nanostructures on single carbon fiber microelectrode. *Synthetic Metals*, **2012**, 162, 511-515	3.6	11
147	Superhydrophobic terpolymer nanofibers containing perfluoroethyl alkyl methacrylate by electrospinning. *Applied Surface Science*, **2012**, 258, 5815-5821	6.7	56
146	Preparation and characterization of electrospun polyurethane–polypyrrole nanofibers and films. *Journal of Applied Polymer Science*, **2012**, 125, 4100-4108	2.9	39
145	Impedance and morphology of hydroxy- and chloro-functionalized poly(3,4-propylenedioxythiophene) nanostructures. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 7869-78	1.3	13
144	Conducting Polymers and their Applications. *Current Physical Chemistry*, **2012**, 2, 224-240	0.5	96
143	Synthesis of 2-(9H-carbazole-9-yl)ethyl methacrylate: Electrochemical impedance spectroscopic study of poly(2-(9H-carbazole-9-yl)ethyl methacrylate) on carbon fiber. *Journal of Applied Polymer Science*, **2011**, 121, 3475-3482	2.9	11
142	Electrochemical impedance of poly(9-tosyl-9H-carbazole-co-pyrrole) electrocoated carbon fiber. *Materials Chemistry and Physics*, **2011**, 127, 120-127	4.4	16
141	Synthesis and electropolymerization of 9-tosyl-9H-carbazole, electrochemical impedance spectroscopic study and circuit modelling. *Fibers and Polymers*, **2011**, 12, 8-14	2	22
140	Characterization of conductive poly(acrylonitrile-co-vinyl acetate) composites: Matrix polymerization of pyrrole derivatives. *Fibers and Polymers*, **2011**, 12, 151-158	2	10
139	Synthesis and characterization of electrically conductive composite films of polypyrrole/poly(acrylonitrile-co-styrene). *Fibers and Polymers*, **2011**, 12, 565-571	2	17
138	Dielectric, FTIR spectroscopic and atomic force microscopic studies on polypyrrole-poly(acrylonitrile-co-vinyl acetate) composites. *Polymer Composites*, **2011**, 32, 546-557	3	6
137	Mechanical and thermal properties of perfluoroalkyl ethyl methacrylate–methyl methacrylate statistical copolymers synthesized in supercritical carbon dioxide. *Journal of Fluorine Chemistry*, **2011**, 132, 348-355	2.1	21
136	Electrochemical Impedance Spectroscopic Study of Polythiophenes on Carbon Materials. *Polymer-Plastics Technology and Engineering*, **2011**, 50, 1130-1148		20
135	Electrosynthesis of Poly(3-dodecyl thiophene) in Acetonitrile with Boron Trifluoride Diethyl Etherate: The Effect of the Electrolyte on Electrochemical Impedance and Morphology. *Journal of the Electrochemical Society*, **2011**, 159, D1-D8	3.9	8
134	Electrochemical synthesis of Poly[3, 4-Propylenedioxythiophene-co-N-Phenylsulfonyl Pyrrole]: Morphological, electrochemical and spectroscopic characterization. *EXPRESS Polymer Letters*, **2011**, 5, 493-505	3.4	13

133	Electrochemical Copolymerization of 3,4-Ethylenedioxythiophene and N-Phenylsulfonyl Pyrrole: Morphologic, Spectroscopic, Electrochemical Characterizations. *Journal of the Electrochemical Society*, **2010**, 157, P99	3.9	7
132	Nanofiber network of electropolymerized 3,4-(2-benzylpropylenedioxy)thiophene on single carbon fiber microelectrode. *Journal of Nanoscience and Nanotechnology*, **2010**, 10, 8043-53	1.3	6
131	Polymerization of pyrrole derivatives on polyacrylonitrile matrix, FTIR-ATR and dielectric spectroscopic characterization of composite thin films. *Synthetic Metals*, **2010**, 160, 1189-1196	3.6	51
130	Polypyrrole/polyacrylonitrile composite films: Dielectric, spectrophotometric and morphologic characterization. *Fibers and Polymers*, **2010**, 11, 843-850	2	13
129	Morphological and impedance studies on electropolymerized 3,4-(2,2-dibenzylpropylenedioxy)thiophene nanostructures on micron sized single carbon fiber. *Progress in Organic Coatings*, **2010**, 69, 527-533	4.8	13
128	Poly(3,4-alkylenedioxythiophene) Nanostructures. *Materials Research Society Symposia Proceedings*, **2009**, 1240, 1		
127	Electrochemical impedance spectroscopy of poly[carbazole-co-N-p-tolylsulfonyl pyrrole] on carbon fiber microelectrodes, equivalent circuits for modelling. *Progress in Organic Coatings*, **2009**, 65, 281-287	4.8	40
126	Conducting polymer coated carbon surfaces and biosensor applications. *Progress in Organic Coatings*, **2009**, 66, 337-358	4.8	113
125	Monomer concentration effect on electrochemically modified carbon fiber with poly[1-(4-methoxyphenyl)-1H-pyrrole] as microcapacitor electrode. *Advances in Polymer Technology*, **2009**, 28, 120-130	1.9	21
124	Electropolymerization of N-hydroxyethylcarbazole on carbon fiber microelectrodes. *Journal of Applied Polymer Science*, **2009**, 113, 136-142	2.9	6
123	Capacitive behavior of polycarbazole- and poly(N-vinylcarbazole)-coated carbon fiber microelectrodes in various solutions. *Journal of Applied Electrochemistry*, **2009**, 39, 2043-2048	2.6	35
122	Polycarbazole modified carbon fiber microelectrode: Surface characterization and dopamine sensor. *Fibers and Polymers*, **2009**, 10, 46-52	2	30
121	A novel EDOT-thonylbithiazole-EDOT based comonomer as an active electrode material for supercapacitor applications. *Electrochimica Acta*, **2009**, 54, 6354-6360	6.7	35
120	Electropolymerization, characterization and corrosion performance of poly(N-ethylaniline) on copper. *Electrochimica Acta*, **2009**, 55, 104-112	6.7	58
119	Copolymers of N-vinylcarbazole with Acrylic Acid, Itaconic Acid, and N-isopropylacrylamide: Synthesis, Determination of Monomer Reactivity Ratios, and Electrochemical Properties. *International Journal of Polymer Analysis and Characterization*, **2009**, 14, 140-159	1.7	5
118	Effect of electrolyte on the electropolymerization of 2,2-dibutyl-3,4-propylenedioxythiophene on carbon fiber microelectrodes. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 2877-86	1.3	3
117	Electrochemical impedance study of polyaniline electrocoated porous carbon foam. *Progress in Organic Coatings*, **2008**, 62, 96-104	4.8	17
116	Electrochemical impedance spectroscopy of poly(N-methyl pyrrole) on carbon fiber microelectrodes and morphology. *Progress in Organic Coatings*, **2008**, 62, 331-335	4.8	23

115	A Study of the Electrochemical Behavior of Poly [N-Vinyl Carbazole] Formed on Carbon-Fiber Microelectrodes and Its Response to Dopamine. *IEEE Sensors Journal*, **2008**, 8, 1628-1639	4	38
114	Potential dependence of electrochemical impedance of nanoscale modified carbon fibre surface. *Surface Engineering*, **2008**, 24, 358-365	2.6	7
113	Electrochemical impedance spectroscopy and morphological analyses of pyrrole, phenylpyrrole and methoxyphenylpyrrole on carbon fiber microelectrodes. *Surface and Coatings Technology*, **2008**, 202, 3997-4005	4.4	52
112	Carbon fiber microelectrodes electrocoated with polycarbazole and poly(carbazole-co-p-tolylsulfonyl pyrrole) films for the detection of dopamine in presence of ascorbic acid. *Mikrochimica Acta*, **2008**, 160, 247-251	5.8	61
111	An experimental and quantum mechanical study on electrochemical properties of N-substituted pyrroles. *Computational and Theoretical Chemistry*, **2008**, 857, 95-104		9
110	Synthesis and electrochemical polymerization of N-ethylcarbazole-bis-3,4-etyhlenedioxythiophene-N-ethylcarbazole comonomer. *Journal of Applied Polymer Science*, **2007**, 103, 795-801	2.9	8
109	Microcomposite electrochemical capacitor: Electrocoating of poly[N-(hydroxymethyl)carbazole] onto carbon fiber, surface morphology, spectroscopic surface characterization, electrochemical impedance spectroscopy. *Journal of Applied Polymer Science*, **2007**, 104, 238-246	2.9	17
108	Block copolymers of N-vinyl carbazole and □dihydroxy polydimethylsiloxane. *Journal of Applied Polymer Science*, **2007**, 106, 3694-3702	2.9	10
107	Synthesis and electrochemical characterization of bis(3,4-ethylene-dioxythiophene)-(4,4?-dinonyl-2,2?-bithiazole) comonomer. *Electrochimica Acta*, **2007**, 52, 2158-2165	6.7	21
106	Synthesis and electrocoating of indole□thiophene comonomer on carbon fiber microelectrode, and surface topography by AFM. *European Polymer Journal*, **2007**, 43, 3392-3399	5.2	9
105	Synthesis, electrochemical characterization and impedance studies on novel thiophene-nonylbithiazole-thiophene comonomer. *Journal of Electroanalytical Chemistry*, **2007**, 610, 113-121	4.1	30
104	Electrochemical composite formation of thiophene and N-methylpyrrole polymers on carbon fiber microelectrodes: Morphology, characterization by surface spectroscopy, and electrochemical impedance spectroscopy. *Progress in Organic Coatings*, **2007**, 59, 28-36	4.8	17
103	Electrochemically polymerized 2,2-dimethyl-3,4-propylenedioxythiophene on carbon fiber for microsupercapacitor. *Progress in Organic Coatings*, **2007**, 60, 281-286	4.8	43
102	Characterization of Micrometer-Sized Thin Films of Electrocoated Carbazole with p-Tolylsulfonyl Pyrrole on Carbon Fiber Microelectrodes. *Journal of the Electrochemical Society*, **2007**, 154, D283	3.9	34
101	Nanoscale surface morphology and monomer concentration dependence on impedance of electrocoated 2,2-dimethyl-3,4-propylene-dioxythiophene on carbon fiber microelectrode. *Journal of Nanoscience and Nanotechnology*, **2007**, 7, 3543-52	1.3	17
100	Nanocharacterization of electrocoated polymers on carbon fibers. *Microelectronic Engineering*, **2006**, 83, 1534-1537	2.5	15
99	Electrolyte and solvent effects of electrocoated polycarbazole thin films on carbon fiber microelectrodes. *Journal of Applied Electrochemistry*, **2006**, 36, 889-898	2.6	48
98	Reflectance FTIR and SEM characterization of poly[N-vinylcarbazole-co-methylmethacrylate] electrografted carbon fiber surface: current density effect. *Journal of Materials Science*, **2006**, 41, 389-398	4.3	5

97	Electrochemical Copolymerization of Pyrrole and Methyl Ethyl Ketone Formaldehyde Resin. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2005**, 54, 1019-1030	3	5
96	FIB-SIMS investigation of carbazole-based polymer and copolymers electrocoated onto carbon fibers, and an AFM morphological study. *Surface and Coatings Technology*, **2005**, 194, 36-41	4.4	15
95	Electrocoating of carbon fibres: A route for interface control in carbon fibre reinforced poly methylmethacrylate?. *Composites Science and Technology*, **2005**, 65, 1564-1573	8.6	23
94	Characterisation of nanosize thin films of electrografted N-vinylcarbazole copolymers (P[NVCz□o-VBSA] and P[NVCz□o-3-MeTh]) onto carbon fibre. *Applied Surface Science*, **2005**, 243, 183-198	6.7	12
93	Comparative Study of Chemical and Electrochemical Copolymerization of N-Methylpyrrole with N-Ethylcarbazole Spectroscopic and Cyclic Voltammetric Analysis. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2005**, 54, 883-897	3	19
92	Electrochemical copolymerization of Carbazole, Ethylcarbazole and N-Vinylcarbazole with methyl ethyl ketone-formaldehyde resin. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2005**, 54, 161-172	3	4
91	Nanoscale characterization of carbazole-indole copolymers modified carbon fiber surfaces. *Journal of Nanoscience and Nanotechnology*, **2005**, 5, 1677-82	1.3	8
90	CONTROLLED ELECTROCOPOLYMERIZATION OF THIOPHENE WITH N-ETHYL CARBAZOLE: IN-SITU AND EX-SITU SPECTROELECTROCHEMICAL INVESTIGATION AND CONDUCTIVITY RELATIONSHIP. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2004**, 53, 79-94	3	
89	IN-SITU SPECTROELECTROCHEMICAL INVESTIGATION OF INDOLE POLYMERIZATION. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2004**, 53, 587-599	3	2
88	ELECTROINDUCED DISPERSIVE POLYMERIZATION OF METHYL METHACRYLATE IN AQUEOUS MEDIA. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2004**, 53, 763-776	3	2
87	ELECTROCHEMICAL COPOLYMERIZATION OF N-METHYL PYRROLE WITH CARBAZOLE. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2004**, 53, 785-798	3	21
86	Electrografting of copolymer of poly[N-vinylcarbazole-co-styrene] and poly[N-vinylcarbazole-co-acrylonitrile] onto carbon fiber: cyclovoltammetric (CV), spectroscopic (UV-Vis, FT-IR-ATR), and morphological study (SEM). *Progress in Organic Coatings*, **2004**, 49, 85-94	4.8	15
85	Spectroscopic and topographic characterization of the effect of monomer feed ratio in electrocopolymerization of N-vinylcarbazole-co-3-methylthiophene on carbon fiber. *Journal of Materials Science*, **2004**, 39, 2945-2950	4.3	4
84	Conductive copolymer-modified carbon fibre microelectrodes: electrode characterisation and electrochemical detection of p-aminophenol. *Sensors and Actuators B: Chemical*, **2004**, 97, 59-66	8.5	54
83	Electroinduced oxidative copolymerization of N-vinyl carbazole with methyl ethyl ketone formaldehyde resin. *Polymers for Advanced Technologies*, **2004**, 15, 365-369	3.2	13
82	Electrochemical and morphological study of the effect of polymerization conditions on poly(terthiophene). *Surface and Coatings Technology*, **2004**, 182, 7-13	4.4	44
81	Morphological and spectroscopic analyses of poly[N-vinylcarbazole-co-vinylbenzenesulfonic acid] copolymer electrografted on carbon fiber: the effect of current density. *Applied Surface Science*, **2004**, 229, 13-18	6.7	10
80	Surface characterisation of electrografted random poly[carbazole-co-3-methylthiophene] copolymers on carbon fiber: XPS, AFM and Raman spectroscopy. *Applied Surface Science*, **2004**, 222, 148-165	6.7	47

79	Electropolymerization **2004**,		2
78	Controlled Electroinduced Polymerization of Methyl Methacrylate in the Presence of Catalytic Amount of Cerium(IV). *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2003**, 40, 193-207	2.2	3
77	Electrocopolymerization of Indole and Thiophene: Conductivity-Peak Current Relationship and In Situ Spectroelectrochemical Investigation of Soluble Co-Oligomers. *International Journal of Polymer Analysis and Characterization*, **2003**, 8, 395-409	1.7	9
76	Electrochemical synthesis and structural studies of polypyrroles, poly(3,4-ethylene-dioxythiophene)s and copolymers of pyrrole and 3,4-ethylenedioxythiophene on carbon fibre microelectrodes. *Journal of Applied Electrochemistry*, **2003**, 33, 295-301	2.6	69
75	Electrochemical synthesis of EDOT□CZ□EDOT copolymer on carbon fiber micro-electrodes. *Journal of Applied Electrochemistry*, **2003**, 33, 1223-1231	2.6	19
74	Soluble and conductive polypyrrole copolymers containing silicone tegomers. *Journal of Applied Polymer Science*, **2003**, 89, 2896-2901	2.9	16
73	Electrochemical and morphological study of the effect of polymerization conditions on poly(tetrathiophene) with emphasis on carbon fiber microelectrodes: A cyclic voltammetry and atomic force microscopy study. *Carbon*, **2003**, 41, 2725-2730	10.4	23
72	Structural Study of Pyrrole-EDOT Copolymers on Carbon Fiber Micro-Electrodes. *Synthetic Metals*, **2003**, 135-136, 459-460	3.6	32
71	Time dependent density functional theory calculations for the electronic excitations of pyrrole-acrylamide copolymers. *Synthetic Metals*, **2003**, 135-136, 463-464	3.6	3
70	Polypyrrole Dispersions on Poly(methy1 methacrylate)-blok-Poly(acrylic acid) Core-shell Latex. *Synthetic Metals*, **2003**, 135-136, 807-808	3.6	4
69	Electroinduced dispersion polymerization of acrylonitrile in the presence of poly(acrylic acid) and catalytic amount of CE(IV). *Journal of Applied Polymer Science*, **2002**, 84, 723-728	2.9	3
68	Electroiniated cationic polymerization in the presence of addition-fragmentation agents. *Polymer Bulletin*, **2002**, 49, 217-223	2.4	3
67	Electrografting of 3-methyl thiophene and carbazole random copolymer onto carbon fiber: characterization by FTIR-ATR, SEM, EDX. *Surface and Coatings Technology*, **2002**, 160, 227-238	4.4	31
66	Spectroelectrochemistry of pyrrole oligomers in the presence of acrylamide. *Polymer International*, **2002**, 51, 594-600	3.3	8
65	Description of the turbidity measurements near the phase transition temperature of poly(N-isopropyl acrylamide) copolymers: the effect of pH, concentration, hydrophilic and hydrophobic content on the turbidity. *European Polymer Journal*, **2002**, 38, 1305-1310	5.2	25
64	Poly(carbazole-co-acrylamide) electrocoated carbon fibers and their adhesion behavior to an epoxy resin matrix. *Journal of Materials Science*, **2002**, 37, 461-471	4.3	27
63	In situ spectroelectrochemistry and colorimetry of poly(pyrrole-acrylamide)s. *Journal of Materials Science*, **2002**, 37, 4609-4614	4.3	12
62	Chemical Polymerization of Acrylamide Initiated with Ce(IV)-Dicarboxylic Acid Redox System: Effect of Chain Length Between the Carboxyl Groups. *International Journal of Polymer Analysis and Characterization*, **2002**, 7, 263-272	1.7	3

61	Spectroelectrochemical study of N-ethyl-carbazole in the presence of acrylamide. *Polymer International*, **2001**, 50, 271-276	3.3	10
60	Oxidative polymerization of N-vinylcarbazole in polymer matrix. *Polymer International*, **2001**, 50, 728-733	3.3	6
59	Electroinduced copolymerization of acrylonitrile–polyethylene glycol compared with chemical copolymerization. *Journal of Applied Polymer Science*, **2001**, 81, 1410-1419	2.9	
58	Electro-induced polymerization of acrylamide initiated by the potassium permanganate–triplex VI redox system. *Journal of Applied Polymer Science*, **2001**, 81, 1526-1534	2.9	
57	Soluble polypyrrole copolymers. *Journal of Applied Polymer Science*, **2001**, 82, 1098-1106	2.9	31
56	Spectroscopic and electrochemical investigation of ternary complexes of D- or L-aspartic acid containing polyacrylamides-Cu(2+)-bovine serum albumin and their radio-stability. *Applied Biochemistry and Biotechnology*, **2001**, 90, 23-35	3.2	1
55	Electrografting of poly (carbazole-co-acrylamide) onto highly oriented pyrolytic graphite. A cyclovoltammetric, atomic force microscopic and ellipsometric study. *Surface and Coatings Technology*, **2001**, 145, 164-175	4.4	19
54	Electrografting of poly(carbazole-co-acrylamide) onto several carbon fibers: Electrokinetic and surface properties. *Synthetic Metals*, **2001**, 123, 411-423	3.6	29
53	Electrografting of thiophene, carbazole, pyrrole and their copolymers onto carbon fibers: electrokinetic measurements, surface composition and morphology. *Synthetic Metals*, **2001**, 123, 391-401	3.6	33
52	Solvent effect on methyl methacrylate polymerization by cerium. *Macromolecular Chemistry and Physics*, **2000**, 201, 2742-2746	2.6	1
51	Electrosynthesis and study of carbazole–acrylamide copolymer electrodes. *Polymer*, **2000**, 41, 839-847	3.9	31
50	N-Vinylcarbazole-Acrylamide Copolymer Electrodes Electrochemical Response to Dopamine. *Journal of the Electrochemical Society*, **2000**, 147, 3771	3.9	9
49	The optical, thermal and electrochemical properties of co-electropolymerised films of acrylamide and carbazole. *Synthetic Metals*, **2000**, 110, 165-174	3.6	17
48	An Electrochemical Study of Homopolymer, Copolymer and Composite Electrodes of Polypyrrole and Polycarbazoles. *International Journal of Polymer Analysis and Characterization*, **1999**, 5, 157-169	1.7	20
47	Corrosion Inhibition and Photoactivity Behavior of N-Substituted Polycarbazole-Coated Natural Pyrite Electrode. *Corrosion*, **1999**, 55, 661-666	1.8	3
46	Interpretation of the chain structures of PMMAs, PANs and PAAms obtained by using Ce(IV) and KMnO4 in combination with NTA and DTPA as initiator systems by FTIR spectroscopic analysis. *Polymer*, **1999**, 40, 7409-7415	3.9	3
45	Redox polymerization. *Progress in Polymer Science*, **1999**, 24, 1149-1204	29.6	267
44	A quantum mechanical approach to electrochemical behavior of spirochromics. *International Journal of Quantum Chemistry*, **1999**, 75, 111-117	2.1	4

43	Electrochemically induced redox polymerization of acrylamide. *Journal of Applied Polymer Science*, **1999**, 72, 861-869	2.9	11
42	Synthesis and electrochemical polymerization of ter-arenes based on N-ethyl carbazole and thiophene. *Journal of Polymer Science Part A*, **1999**, 37, 379-381	2.5	20
41	Interaction of metal ions with polypyrrole on polyacrylic acid matrix. *Journal of Polymer Science Part A*, **1999**, 37, 1115-1123	2.5	12
40	Electroinduced polymerization of acrylonitrile in the presence of Ce(IV). *Journal of Polymer Science Part A*, **1999**, 37, 2319-2327	2.5	9
39	Electro-induced oxidative polymerization of N-vinylcarbazole. *Polymers for Advanced Technologies*, **1999**, 10, 135-140	3.2	14
38	Electrochemical polymerization of pyrrole in acrylamide solution. *Synthetic Metals*, **1999**, 98, 177-182	3.6	18
37	Chemical and electrochemical polymerisation of pyrrole in the presence of N-substituted carbazoles. *Synthetic Metals*, **1999**, 107, 7-17	3.6	51
36	Electro-induced oxidative polymerization of N-vinylcarbazole **1999**, 10, 135		1
35	Fluorescence and Turbidimetry Study of Complexation of Human Serum Albumin with Polycations. *Journal of Bioactive and Compatible Polymers*, **1997**, 12, 231-244	2	7
34	Water-soluble polypyrroles by matrix polymerization: Interpolymer complexes **1997**, 35, 1255-1263		20
33	Radical polymerization of acrylamide initiated by ceric ammonium nitrate-methionine redox initiator system. *Journal of Applied Polymer Science*, **1997**, 63, 1643-1648	2.9	10
32	Oxidative polymerization of N-substituted carbazoles. *Polymers for Advanced Technologies*, **1997**, 8, 556-562	3.6	44
31	Ring opening process of some spirochromenes by photoproduced HCl in poly(N-vinyl carbazole). *Polymers for Advanced Technologies*, **1997**, 8, 563-567	3.2	10
30	Electrochemical reduction and oxidation of some photochromic compounds. *Electrochimica Acta*, **1997**, 42, 3629-3635	6.7	7
29	Immune response to 17 beta-estradiol in polyelectrolyte complex: antigen specificity and affinity of hybridoma clones. *Hybridoma*, **1996**, 15, 233-8		10
28	Structural definitions for soluble portions of polyacrylamides synthesized with Ce(IV)□helating agent redox systems. *Polymer International*, **1996**, 40, 179-185	3.3	10
27	The polymerization of acrylamide initiated with CE(IV) and KMNO4 redox systems in the presence of glycine. *Journal of Applied Polymer Science*, **1996**, 60, 759-765	2.9	28
26	Aqueous polymerization of acrylamide by electrolitically generated KMnO4 organic acid redox systems. *Journal of Applied Polymer Science*, **1996**, 62, 111-116	2.9	9

25	The complex formation between polyacrylamide containing glycine end groups and bovine serium albumin in the presence of copper (II) in neutral aqueous media. *Colloid and Polymer Science*, **1996**, 274, 418-427	2.4	10
24	Effects of Cu2+ on stability and composition of water soluble ternary polyacrylic acid-Cu2+-protein complexes against radiation damage. *Polymer Bulletin*, **1996**, 36, 623-627	2.4	5
23	Oxidative polymerization of pyrrole in polymer matrix. *Journal of Polymer Science Part A*, **1995**, 33, 1581-1587	2.5	26
22	The Ternary Complexes of Bovine Serum Albumin and Polyacrylamide Derivatives in the Presence Copper Ions in Neutral Water. *Journal of Bioactive and Compatible Polymers*, **1995**, 10, 121-134	2	10
21	Potentiometric determination of the molecular weight of polymers. *Polymer Bulletin*, **1994**, 32, 91-95	2.4	9
20	Polypyrrole synthezited with oxidative cerium(IV) ions. *Polymer Bulletin*, **1994**, 33, 535-540	2.4	25
19	Conductometric determination of the end group ionization in acrylamide and acrylonitrile polymers initiated by carboxylic acids. *European Polymer Journal*, **1994**, 30, 149-152	5.2	16
18	Block/graft copolymer synthesis via ceric salt. *Angewandte Makromolekulare Chemie*, **1994**, 214, 19-28		17
17	The free-radical polymerization of acrylamide initiated with ceric sulfate in the presence of amino acids. *Angewandte Makromolekulare Chemie*, **1993**, 213, 55-63		17
16	Polyaminocarboxylic acids□Ce(IV) redox systems as an initiator in acrylamide polymerization. *Journal of Applied Polymer Science*, **1993**, 47, 1643-1648	2.9	37
15	Quantitative conversion of poly(acrylamide) into poly(vinylamine) by a modified Hofmann degradation. *Reactive & Functional Polymers*, **1993**, 21, 135-139		3
14	Estimation of the average structural parameters from asphaltites and oil shales-pyrolysis products by 1H and 13C NMR spectroscopy. *Fuel Processing Technology*, **1992**, 32, 151-158	7.2	4
13	Polymerization of acrylamide by electrolytically generated Ce(IV)-organic acid redox systems. *Angewandte Makromolekulare Chemie*, **1992**, 198, 191-198		26
12	Polymerization of acrylamide initiated with electrogenerated cerium (IV) in the presence of EDTA. *Journal of Applied Polymer Science*, **1992**, 44, 877-881	2.9	37
11	Nonaqueous potentiometry for analyses of nitrogen bases from asphaltite and oil shale pyrolysis products. *Journal of Analytical and Applied Pyrolysis*, **1990**, 17, 227-235	6	6
10	Effect of acrylamide concentration on the kinetics of oxidation of tartaric acid by cerium(IV) in sulfuric-perchloric acid media. *Journal of Solution Chemistry*, **1990**, 19, 901-910	1.8	5
9	Copolymer of ketonic resin□polyacrylonitrile. *Journal of Applied Polymer Science*, **1990**, 39, 1657-1663	2.9	23
8	Non-aqueous potentiometry of nitrogen containing compounds in chlorobenzene and chlorobenzene-acetic anhydride mixture. *Fresenius Zeitschrift F□ Analytische Chemie*, **1987**, 328, 663-664		2

7	Kinetics of Ce(IV) oxidation of □keto acids in sulfuric-perchloric acid media. *International Journal of Chemical Kinetics*, **1985**, 17, 1333-1345	1.4	8
6	Characterization of pyrolysis products of harbolite and Avgamasya asphaltites: comparison with solvent extracts. *Fuel*, **1982**, 61, 346-350	7.1	12
5	The nature and origin of harbolite and a related asphaltite from southeastern Turkey. *Chemical Geology*, **1981**, 34, 151-164	4.2	24
4	Metal-ion oxidative decarboxylations. 10. Substituent effects in the cerium(IV)-benzilic acids reaction. *Journal of Organic Chemistry*, **1977**, 42, 2069-2073	4.2	12
3	Metal-ion oxidative decarboxylations. 9. Reaction of benzilic acid with cerium(IV) in acidic perchlorate and sulfate media. *Journal of Organic Chemistry*, **1977**, 42, 2063-2068	4.2	24
2	Nanofibers of Conjugated Polymers		7
1	Polyelectrolyte Complexes: Immunology Applications6150-6157		