Asezai S SaraÃ§

List of Publications by Year
in descending order

247	4,739	117453	182168
papers	citations	34 h-index	51 g-index

252	252	252	4120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single Step Electrochemical Semiâ€Exfoliated Sâ€Doped Grapheneâ€Like Structures from Commercial Carbon Fiber as Efficient Metalâ€Free Catalyst for Hydrogen Evolution Reaction. ChemElectroChem, 2022, 9, .	1.7	10
2	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.	3.8	5
3	Enhanced Oxygen Evolution Reaction of Zr-Cu-Ni-Al Metallic Glass with an Oxide Layer in Alkaline Media. ACS Catalysis, 2022, 12, 9190-9200.	5.5	4
4	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.	1.8	11
5	A green approach to fabricate <scp>binderâ€free Sâ€doped</scp> graphene oxide electrodes for vanadium redox battery. International Journal of Energy Research, 2021, 45, 2126-2137.	2.2	23
6	Thermomechanical and structural characterization of polybutadiene/poly(ethylene oxide)/<scp>CNT stretchable electrospun fibrous</scp> membranes. Polymers for Advanced Technologies, 2021, 32, 248-261.	1.6	6
7	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.	1.1	4
8	Carbon Nanomaterials. , 2021, , 784-809.		1
9	Electrospun polyacrylonitrile/2-(acryloyloxy)ethyl ferrocenecarboxylate polymer blend nanofibers. Molecular Systems Design and Engineering, 2021, 6, 476-492.	1.7	5
10	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.	1.7	11
11	Nanoporous Pdâ€“Cuâ€“Si Amorphous Thin Films for Electrochemical Hydrogen Storage and Sensing. ACS Applied Energy Materials, 2021, 4, 2672-2680.	2.5	7
12	Origin of Electrocatalytic Activity in Amorphous Nickelâ€“Metalloid Electrodeposits. ACS Applied Materials & Interfaces, 2021, 13, 23689-23701.	4.0	8
13	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.	1.3	3
14	Enhancement of Interfacial Hydrogen Interactions with Nanoporous Gold-Containing Metallic Glass. ACS Applied Materials & Interfaces, 2021, 13, 42613-42623.	4.0	8
15	Porosity and thickness effect of Pdâ€“Cuâ€“Si metallic glasses on electrocatalytic hydrogen production and storage. Materials and Design, 2021, 210, 110099.	3.3	7
16	Transition metal-based high entropy alloy microfiber electrodes: Corrosion behavior and hydrogen activity. Corrosion Science, 2021, 193, 109880.	3.0	16
17	Surface electrocoating of single carbon fibre with electroactive 3,4-ethylenedioxythiophene/1â€p(tolylsulphonyl) pyrrole copolymer: effect of dielectric constant of solvent. Bulletin of Materials Science, 2021, 44, 1.	0.8	6
18	Nanocomposite structures of polypyrrole derivatives and poly (acrylonitrileâ€coâ€itaconic acid) produced by in situ polymerization as carbon nanofiber precursor. Polymers for Advanced Technologies, 2020, 31, 536-543.	1.6	3

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19	Electrocatalytic Behavior of Hydrogenated Pd-Metallic Glass Nanofilms: Butler-Volmer, Tafel, and Impedance Analyses. Electrocatalysis, 2020, 11, 94-109.	1.5	27
20	Voriconazole incorporated nanofiber formulations for topical application: preparation, characterization and antifungal activity studies against Candida species. Pharmaceutical Development and Technology, 2020, 25, 440-453.	1.1	20
21	A multifunctional longâ€term release system for treatment of hypothyroidism. Journal of Biomedical Materials Research - Part A, 2020, 108, 760-759.	2.1	5
22	Thermally Treated Graphene Oxide/Polyacrylonitrile Based Electrospun Carbon Nanofiber Precursor. Journal of Nanoscience and Nanotechnology, 2020, 20, 3448-3459.	0.9	10
23	Surface-governed electrochemical hydrogenation in FeNi-based metallic glass. Journal of Power Sources, 2020, 475, 228700.	4.0	11
24	Effective electrocatalytic methanol oxidation of Pd-based metallic glass nanofilms. Nanoscale, 2020, 12, 22586-22595.	2.8	22
25	Silver sulfadiazine Loaded Poly (Îµ-Caprolactone)/Poly (Ethylene Oxide) Composite Nanofibers for Topical Drug Delivery. Nano, 2020, 15, 2050073.	0.5	5
26	Thermal stabilization of poly(acrylonitrile-co-itaconic acid) nanofibers as carbon nanofiber precursor. Polymer Degradation and Stability, 2020, 175, 109142.	2.7	6
27	Oligoether Ester-Functionalized ProDOT Copolymers on Si/Monolayer Graphene as Capacitive Thin Film Electrodes. Journal of the Electrochemical Society, 2020, 167, 070543.	1.3	9
28	Nonflammable pre-carbonized polyacrylonitrile nanofiber webs. SN Applied Sciences, 2020, 2, 1.	1.5	1
29	Hydrogen storage performance of the multi-principal-component CoFeMnTiVZr alloy in electrochemical and gasâ€“solid reactions. RSC Advances, 2020, 10, 24613-24623.	1.7	34
30	Metallic Glass Films with Nanostructured Periodic Density Fluctuations Supported on Si/SiO₂ as an Efficient Hydrogen Sorber. Chemistry - A European Journal, 2020, 26, 8244-8253.	1.7	11
31	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.	0.6	8
32	Effect of polyvinylpyrolidone and ethyl cellulose in polyurethane electrospun nanofibers on morphology and drug release characteristics. Turkish Journal of Pharmaceutical Sciences, 2020, .	0.6	0
33	Effect of a Single Application of CPP-ACPF Varnish on the Prevention of Erosive Tooth Wear: An AAS, AFM and SMH Study. Oral Health & Preventive Dentistry, 2020, 18, 311-318.	0.3	4
34	Development of a flame retardant chemical for finishing of cotton, polyester, and CO/PET blends. Journal of Industrial Textiles, 2019, 49, 141-161.	1.1	22
35	A Novel Dioxythiophene Based Conducting Polymer as Electrode Material for Supercapacitor Application. International Journal of Electrochemical Science, 2019, , 9504-9519.	0.5	11
36	A Ternary PEDOT-TiO2-Reduced Graphene Oxide Nanocomposite for Supercapacitor Applications. Macromolecular Research, 2019, 27, 867-875.	1.0	9

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37	Ultrahigh hydrogen-sorbing palladium metallic-glass nanostructures. Materials Horizons, 2019, 6, 1481-1487.	6.4	16
38	A Novel Carbon Nanofiber Precursor: Poly(acrylonitrile-co-vinylacetate-co-itaconic acid) Terpolymer. Journal of Nanoscience and Nanotechnology, 2019, 19, 3844-3853.	0.9	6
39	Electrospun polyacrylonitrileâ€“lauric acid composite nanofiber webs as a thermal energy storage material. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501882489.	0.5	4
40	Carbon Nanomaterials. Advances in Chemical and Materials Engineering Book Series, 2019, , 1-33.	0.2	2
41	Polypyrrole/barium titanate/poly(acrylonitrile-co-methylacrylate)â€“deposited cotton fabrics: Electromagnetic shielding. Journal of Industrial Textiles, 2018, 47, 656-673.	1.1	9
42	Oxidation of polyacrylonitrile nanofiber webs as a precursor for carbon nanofiber: aligned and non-aligned nanofibers. Polymer Bulletin, 2018, 75, 485-499.	1.7	32
43	Determination of Membrane Protein Fouling by UV Spectroscopy and Electrochemical Impedance Spectroscopy. Polymer-Plastics Technology and Engineering, 2018, 57, 59-69.	1.9	14
44	Fabrication and characterization of poly(butyl acrylate-co-methyl methacrylate)-polypyrrole nanofibers. Polymer Bulletin, 2018, 75, 1607-1617.	1.7	3
45	Impedimetric DNA biosensor based on polyurethane/poly(m-anthranilic acid) nanofibers. Sensors and Actuators B: Chemical, 2018, 254, 719-726.	4.0	30
46	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.	1.7	8
47	Electrospun carbon nanofiber web electrode: Supercapacitor behavior in various electrolytes. Journal of Applied Polymer Science, 2018, 135, 45723.	1.3	28
48	Morphological and Electrochemical Impedance Spectroscopy (EIS) Study of poly(3,4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (ethy Electrochemical Science, 2018, , 433-451.	0.5	2
49	Preparation and Electrochemical Performances of Graphene Oxide/PEDOT and Reduced Graphene Oxide/PEDOT Nanofibers and Nanocomposites. Fibers and Polymers, 2018, 19, 2178-2187.	1.1	13
50	Electrosorption of Hydrogen in Pd-Based Metallic Glass Nanofilms. ACS Applied Energy Materials, 2018, 1, 2630-2646.	2.5	28
51	Facile synthesis of poly[1â€p (tolylsulfonyl) pyrrole] via Ce (IV)â€‹pyrrole redox initiating system and polyacrylonitrile blended nanofibers. Polymers for Advanced Technologies, 2018, 29, 2440-2448.	1.6	5
52	Novel Biocompatible Poly(Aspartamide) Based Drug Conjugates. Biophysical Journal, 2018, 114, 691a.	0.2	0
53	RGD functionalized poly(Îµ-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.	1.8	32
54	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.	1.9	79

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55	Superhydrophobic fluorinated acylonitrile coatings via electrospraying. Progress in Organic Coatings, 2017, 105, 342-352.	1.9	15
56	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.	1.8	1
57	Glucose oxidase immobilization onto Au/poly[anthranilic acid-co-3-carboxy-N-(2-thenylidene)aniline]/PVAc electrospun nanofibers. Polymer Bulletin, 2017, 74, 1493-1517.	1.7	6
58	Characterization of polyacrylonitrile, poly(acrylonitrileâ€coâ€vinyl acetate), and poly(acrylonitrileâ€coâ€itaconic acid) based activated carbon nanofibers. Journal of Applied Polymer Science, 2017, 134, .	1.3	46
59	Electrochemical and Morphological Analysis of Poly(3,4-alkylenedioxythiophene)-Modified TiO₂ Nanorod Electrodes. Journal of Nanoscience and Nanotechnology, 2017, 17, 5461-5468.	0.9	2
60	Poly(acrylonitrile-co-itaconic acid)â€“poly(3,4-ethylenedioxythiophene) and poly(3-methoxythiophene) nanoparticles and nanofibres. Bulletin of Materials Science, 2017, 40, 957-969.	0.8	8
61	FR Performance of New Fire-off on PET/CO blend fabrics. IOP Conference Series: Materials Science and Engineering, 2017, 254, 082003.	0.3	0
62	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.	1.5	55
63	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.	1.1	11
64	Morphological effect of composite TiO2 nanorod-TiO2 nanoparticle/PEDOT:PSS electrodes on triiodide reduction. EXPRESS Polymer Letters, 2017, 11, 106-116.	1.1	4
65	Electrochemical Impedance Spectroscopic Study on Polypyrrole/Barium Titanate/Poly(acrylonitrile-co-methylacrylate) Nanoparticles. Journal of the Electrochemical Society, 2016, 163, H205-H212.	1.3	6
66	Synthesis and characterization of poly (acrylonitrileâ€coâ€acrylic acid) as precursor of carbon nanofibers. Polymers for Advanced Technologies, 2016, 27, 1383-1388.	1.6	28
67	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.	1.3	7
68	Enhanced osteogenesis on biofunctionalized poly(É›-caprolactone)/poly(m-anthranilic acid) nanofibers. Journal of Biomaterials Applications, 2016, 31, 743-754.	1.2	11
69	Frequency and Temperature Dependence of Dielectric Behaviors for Conductive Acrylic Composites. Advances in Polymer Technology, 2016, 35, .	0.8	15
70	Electropolymerization of 9-Carbazole Acetic Acid in Room Temperature Ionic Liquid-Acetonitrile Mixture: Morphology, Capacitance, and Mottâ€“Schottky Analysis. Journal of the Electrochemical Society, 2016, 163, G107-G114.	1.3	12
71	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.	0.9	1
72	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.	2.0	4

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73	(Au/PANA/PVAc) nanofibers as a novel composite matrix for albumin and streptavidin immobilization. Materials Science and Engineering C, 2016, 60, 260-275.	3.8	7
74	Electrochemical Impedance Study on Poly(Alkylenedioxy)Thiophene Nanostructures: Solvent and Potential Effect. Nanoscience and Technology, 2016, , 461-476.	1.5	1
75	The effect of deposition on electrochemical impedance properties of TiO2/FTO photoanodes. Journal of Electroceramics, 2016, 36, 102-111.	0.8	6
76	Covalent streptavidin immobilization on electrospun poly(m-anthranilic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (acid)/poly Polymers, 2016, 31, 291-303.	0.8	3
77	Electrochemical impedance and spectroscopy study of the EDC/NHS activation of the carboxyl groups on poly(Îµ-caprolactone)/poly(m-anthranilic acid) nanofibers. EXPRESS Polymer Letters, 2016, 10, 96-110.	1.1	38
78	BMP-2 immobilized PCL/P3ANA nanofibers for bone tissue engineering. , 2015, , .		2
79	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.	1.9	28
80	Electrochemical impedance spectroscopic study of single-stranded DNA-immobilized electroactive polypyrrole-coated electrospun poly(<I>Îµ</I>-caprolactone) nanofibers. Materials Express, 2015, 5, 269-279.	0.2	33
81	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.	1.8	8
82	Synthesis and electrochemical investigation of polyindole based fiber as sensor electrode by EIS method. Fibers and Polymers, 2015, 16, 1468-1477.	1.1	10
83	In situ spectroscopic and electrochemical impedance study of gold/poly (anthranilic acid) core/shell nanoparticles. European Polymer Journal, 2015, 66, 502-512.	2.6	12
84	Incorporation of growth factor loaded microspheres into polymeric electrospun nanofibers for tissue engineering applications. Journal of Biomedical Materials Research - Part A, 2014, 102, 1897-1908.	2.1	47
85	A review: effect of conductive polymers on the conductivities of electrospun mats. Textile Reseach Journal, 2014, 84, 1325-1342.	1.1	62
86	Electrospun antibacterial nanofibrous polyvinylpyrrolidone/cetyltrimethylammonium bromide membranes for biomedical applications. Journal of Bioactive and Compatible Polymers, 2014, 29, 382-397.	0.8	18
87	Electrochemical synthesis, characterization and capacitive properties of novel thiophene based conjugated polymer. Reactive and Functional Polymers, 2014, 83, 107-112.	2.0	11
88	An impedance-morphology study on poly(3-methylthiophene) coated electrode obtained in boron trifluoride diethyl etherateâ€“acetonitrile. Synthetic Metals, 2014, 195, 44-53.	2.1	15
89	Nanofibers of Poly(Acrylonitrile-co-Methylacrylate)/Polypyrrole Coreâ€“Shell Nanoparticles. Advanced Science, Engineering and Medicine, 2014, 6, 301-310.	0.3	4
90	New Preparation Route of TiO₂ Nanofibers by Electrospinning: Spectroscopic and Thermal Characterizations. Science of Advanced Materials, 2014, 6, 2618-2624.	0.1	15

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91	<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.	0.8	4
92	Acrylonitrile/vinyl acetate copolymer nanofibers with different vinylacetate content. Journal of Applied Polymer Science, 2013, 127, 3830-3838.	1.3	14
93	Synthesis of urethane acrylate based electromagnetic interference shielding materials. Journal of Applied Polymer Science, 2013, 127, 4957-4966.	1.3	4
94	Electrochemical impedance study on nanofibers of poly(m-anthranilic acid)/polyacrylonitrile blends. European Polymer Journal, 2013, 49, 2645-2653.	2.6	29
95	Inhibition of pyrite corrosion and photocorrosion by MEKF-R modified carbazoles. Progress in Organic Coatings, 2013, 76, 533-540.	1.9	13
96	Polypyrrole/Poly(acrylonitrileâ€coâ€butyl acrylate) Composite. Advances in Polymer Technology, 2013, 32, .	0.8	6
97	Transparent poly(methyl methacrylateâ€coâ€butyl acrylate) nanofibers. Journal of Applied Polymer Science, 2013, 130, 4264-4272.	1.3	7
98	Impedance and Morphology of Hydroxy- and Chloro-Functionalized Poly(3,4-propylenedioxythiophene) Nanostructures. Journal of Nanoscience and Nanotechnology, 2012, 12, 7869-7878.	0.9	15
99	Polyblend nanofibers as tissue engineering matrices. New Biotechnology, 2012, 29, S112.	2.4	0
100	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.	2.1	15
101	Superhydrophobic terpolymer nanofibers containing perfluoroethyl alkyl methacrylate by electrospinning. Applied Surface Science, 2012, 258, 5815-5821.	3.1	62
102	Preparation and characterization of electrospun polyurethaneâ€“polypyrrole nanofibers and films. Journal of Applied Polymer Science, 2012, 125, 4100-4108.	1.3	48
103	Conducting Polymers and their Applications. Current Physical Chemistry, 2012, 2, 224-240.	0.1	112
104	Synthesis of 2â€(9Hâ€carbazoleâ€9â€yl)ethyl methacrylate: Electrochemical impedance spectroscopic study of poly(2â€(9Hâ€carbazoleâ€9â€yl)ethyl methacrylate) on carbon fiber. Journal of Applied Polymer Science, 2011, 121, 3475-3482.	1.3	11
105	Electrochemical impedance of poly(9-tosyl-9H-carbazole-co-pyrrole) electrocoated carbon fiber. Materials Chemistry and Physics, 2011, 127, 120-127.	2.0	20
106	Synthesis and electropolymerization of 9-tosyl-9H-carbazole, electrochemical impedance spectroscopic study and circuit modelling. Fibers and Polymers, 2011, 12, 8-14.	1.1	27
107	Characterization of conductive poly(acrylonitrile-co-vinyl acetate) composites: Matrix polymerization of pyrrole derivatives. Fibers and Polymers, 2011, 12, 151-158.	1.1	12
108	Synthesis and characterization of electrically conductive composite films of polypyrrole/poly(acrylonitrile-co-styrene). Fibers and Polymers, 2011, 12, 565-571.	1.1	17

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109	Dielectric, FTIR spectroscopic and atomic force microscopic studies on polypyrroleâ€poly(acrylonitrileâ€coâ€vinyl acetate) composites. Polymer Composites, 2011, 32, 546-557.	2.3	6
110	Mechanical and thermal properties of perfluoroalkyl ethyl methacrylateâ€“methyl methacrylate statistical copolymers synthesized in supercritical carbon dioxide. Journal of Fluorine Chemistry, 2011, 132, 348-355.	0.9	24
111	Electrochemical Impedance Spectroscopic Study of Polythiophenes on Carbon Materials. Polymer-Plastics Technology and Engineering, 2011, 50, 1130-1148.	1.9	28
112	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.	1.3	10
113	Electrochemical synthesis of Poly[3, 4-Propylenedioxythiophene-co-N-Phenylsulfonyl Pyrrole]: Morphological, electrochemical and spectroscopic characterization. EXPRESS Polymer Letters, 2011, 5, 493-505.	1.1	16
114	Polypyrrole/polyacrylonitrile composite films: Dielectric, spectrophotometric and morphologic characterization. Fibers and Polymers, 2010, 11, 843-850.	1.1	13
115	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.	1.9	18
116	Electrochemical Copolymerization of 3,4-Ethylenedioxythiophene and N-Phenylsulfonyl Pyrrole: Morphologic, Spectroscopic, Electrochemical Characterizations. Journal of the Electrochemical Society, 2010, 157, P99.	1.3	9
117	Nanofiber Network of Electropolymerized 3,4-(2-Benzylpropylenedioxy)thiophene on Single Carbon Fiber Microelectrode. Journal of Nanoscience and Nanotechnology, 2010, 10, 8043-8053.	0.9	7
118	Polymerization of pyrrole derivatives on polyacrylonitrile matrix, FTIRâ€“ATR and dielectric spectroscopic characterization of composite thin films. Synthetic Metals, 2010, 160, 1189-1196.	2.1	57
119	Poly(3,4-alkylenedioxythiophene) Nanostructures. Materials Research Society Symposia Proceedings, 2009, 1240, 1.	0.1	0
120	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.	1.9	46
121	Conducting polymer coated carbon surfaces and biosensor applications. Progress in Organic Coatings, 2009, 66, 337-358.	1.9	128
122	Monomer concentration effect on electrochemically modified carbon fiber with poly[1â€(4â€methoxyphenyl)â€1Hâ€pyrrole] as microcapacitor electrode. Advances in Polymer Technology, 2009, 28, 120-130.	0.8	22
123	Electropolymerization of Nâ€hydroxyethylcarbazole on carbon fiber microelectrodes. Journal of Applied Polymer Science, 2009, 113, 136-142.	1.3	6
124	Capacitive behavior of polycarbazole- and poly(N-vinylcarbazole)-coated carbon fiber microelectrodes in various solutions. Journal of Applied Electrochemistry, 2009, 39, 2043-2048.	1.5	39
125	Polycarbazole modified carbon fiber microelectrode: Surface characterization and dopamine sensor. Fibers and Polymers, 2009, 10, 46-52.	1.1	35
126	A novel EDOTâ€“nonylbithiazoleâ€“EDOT based comonomer as an active electrode material for supercapacitor applications. Electrochimica Acta, 2009, 54, 6354-6360.	2.6	39

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127	Electropolymerization, characterization and corrosion performance of poly(N-ethylaniline) on copper. Electrochimica Acta, 2009, 55, 104-112.	2.6	67
128	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.	0.9	5
129	Effect of Electrolyte on the Electropolymerization of 2,2-Dibutyl-3,4-Propylenedioxythiophene on Carbon Fiber Microelectrodes. Journal of Nanoscience and Nanotechnology, 2009, 9, 2877-2886.	0.9	5
130	Electrochemical impedance spectroscopy and morphological analyses of pyrrole, phenylpyrrole and methoxyphenylpyrrole on carbon fiber microelectrodes. Surface and Coatings Technology, 2008, 202, 3997-4005.	2.2	60
131	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.	2.5	73
132	An experimental and quantum mechanical study on electrochemical properties of N-substituted pyrroles. Computational and Theoretical Chemistry, 2008, 857, 95-104.	1.5	11
133	Electrochemical impedance study of polyaniline electrocoated porous carbon foam. Progress in Organic Coatings, 2008, 62, 96-104.	1.9	22
134	Electrochemical impedance spectroscopy of poly(N-methyl pyrrole) on carbon fiber microelectrodes and morphology. Progress in Organic Coatings, 2008, 62, 331-335.	1.9	28
135	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.	2.4	46
136	Potential dependence of electrochemical impedance of nanoscale modified carbon fibre surface. Surface Engineering, 2008, 24, 358-365.	1.1	8
137	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.	1.3	39
138	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, 3543-3552.	0.9	17
139	Synthesis and electrochemical polymerization ofN-ethylcarbazole-bis-3,4-etyhlenedioxythiophene-N-ethylcarbazole comonomer. Journal of Applied Polymer Science, 2007, 103, 795-801.	1.3	10
140	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.	1.3	18
141	Block copolymers of Nâ€vinyl carbazole and Î±,Ï‰â€dihydroxy polydimethylsiloxane. Journal of Applied Polymer Science, 2007, 106, 3694-3702.	1.3	12
142	Synthesis and electrochemical characterization of bis(3,4-ethylene-dioxythiophene)-(4,4â€²-dinonyl-2,2â€²-bithiazole) comonomer. Electrochimica Acta, 2007, 52, 2158-2165.	2.6	24
143	Synthesis and electrocoating of indoleâ€“thiophene comonomer on carbon fiber microelectrode, and surface topography by AFM. European Polymer Journal, 2007, 43, 3392-3399.	2.6	9
144	Synthesis, electrochemical characterization and impedance studies on novel thiophene-nonylbithiazole-thiophene comonomer. Journal of Electroanalytical Chemistry, 2007, 610, 113-121.	1.9	34

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145	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.	1.9	18
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