

# Preparation and characterization of electrically conductive poly(anthranilic acid): evidence for self-doping by x-ray photoelectron spectroscopy

Macromolecules

25, 6029-6034

DOI: 10.1021/ma00048a026

Citation Report

#	ARTICLE	IF	CITATIONS
1	Use of polyaniline for fabrication of promising synthetic fibres (review). <i>Fibre Chemistry</i> , 1994, 26, 9-16.	0.0	2
2	Novel Preparation of Polyaniline Film from Poly(anthranilic acid) as a Precursor. <i>Chemistry Letters</i> , 1994, 23, 2229-2232.	0.7	26
3	Poly(4-aminobiphenyl): chemical synthesis, characterization studies and comparison with conductive electropolymerized samples. <i>Synthetic Metals</i> , 1995, 68, 199-205.	2.1	13
4	Compatibilities and Electrostatic Interactions in the Blends of Self-Acid-Doped Conjugated Conducting Polymer, Poly[2-(3-thienyl)ethanesulfonic acid], and Its Sodium Salt with Poly(vinyl Tj ETQq1 1 0.7843 14 rgBT1/Overlo	2.2	7
5	Regiochemical Analysis of Water Soluble Conductive Polymers: Sodium Poly(3-thienyl)alkanesulfonates). <i>Macromolecules</i> , 1996, 29, 5416-5421.	2.2	7
6	Novel Syntheses of Poly(o-aminobenzoic acid) and Copolymers of o-Aminobenzoic Acid and Aniline as Potential Candidates for Precursor of Polyaniline. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 2395-2401.	2.0	26
7	Spectroscopic studies of polyaniline protonation with poly(alkylene phosphates). <i>Polymer</i> , 1996, 37, 25-30.	1.8	32
8	Sensitive Thermal-Undoping Characteristics of the Self-Acid-Doped Conjugated Conducting Polymer Poly[2-(3-thienyl)ethanesulfonic acid]. <i>Chemistry of Materials</i> , 1997, 9, 2750-2754.	3.2	10
9	Electrically conducting poly[3-(hydroxyalkyl)thiophenes]. <i>Synthetic Metals</i> , 1997, 87, 119-122.	2.1	68
10	Oxidative electropolymerization of 5-nitroindole. <i>Synthetic Metals</i> , 1998, 97, 239-244.	2.1	12
11	Synthesis and Characterization of Poly{1,2-bis(2-seleninyl)ethene}, a Novel Electrically Conductive Polymer with Diminished Band Gap. <i>Macromolecules</i> , 1998, 31, 1221-1228.	2.2	25
12	Chemical synthesis and characterization of polyaniline-molybdenum trisulfide composite. <i>Journal of Materials Research</i> , 1999, 14, 1805-1813.	1.2	29
13	Electrical and magnetic properties of water-soluble conducting polyaniline derivatives. <i>Solid State Communications</i> , 1999, 110, 57-62.	0.9	10
14	Studies on stable aqueous polyaniline prepared with the use of polyacrylamide as the water soluble support polymer. <i>European Polymer Journal</i> , 1999, 35, 803-813.	2.6	54
15	Studies on chemical oxidative copolymerization of aniline and o-alkoxysulfonated anilines II. Mechanistic approach and monomer reactivity ratios. <i>European Polymer Journal</i> , 1999, 35, 1229-1236.	2.6	11
16	Thermal properties of poly(anthranilic acid) (PANA) and humidity-sensitive composites derived from heat-treated PANA and poly(vinyl alcohol). <i>Journal of Polymer Science Part A</i> , 1999, 37, 4458-4465.	2.5	26
17	Synthesis and characterization of electrically conducting polyaniline in water-oil microemulsion. <i>Journal of Materials Chemistry</i> , 1999, 9, 3035-3039.	6.7	75
18	Studies on water soluble conducting polymer. <i>Synthetic Metals</i> , 1999, 100, 233-236.	2.1	59

#	ARTICLE	IF	CITATIONS
19	Studies on chemical oxidative copolymerization of aniline and o-alkoxysulfonated anilines: Synthetic Metals, 1999, 104, 79-87.	2.1	52
20	Electropolymerization of Polypyrrole and Polyaniline~Polypyrrole from Organic Acidic Medium. Journal of Physical Chemistry B, 1999, 103, 9044-9054.	1.2	125
21	Sulfonation of Poly(N-vinylcarbazole) Studied by Combined Time-of-Flight Secondary Ion Mass Spectrometry and X-ray Photoelectron Spectroscopy. Analytical Chemistry, 2000, 72, 4908-4913.	3.2	12
22	Electrochemical Synthesis and Chiroptical Properties of Optically Active Poly(o-methoxyaniline). Macromolecules, 2000, 33, 3237-3243.	2.2	57
23	Surface Characterization of Poly(3,4-ethylenedioxythiophene)-Coated Latexes by X-ray Photoelectron Spectroscopy. Langmuir, 2000, 16, 4171-4179.	1.6	102
24	Controlled Sulfonation of Poly(N-vinylcarbazole). Macromolecules, 2000, 33, 3232-3236.	2.2	19
25	Electrochemical and Spectroelectrochemical Evidences for Copolymer Formation Between 2-Aminodiphenylamine and Aniline. Journal of the Electrochemical Society, 2001, 148, E427.	1.3	45
26	Electrosynthesis and properties of conducting polymers derived from aminobenzoic acids and from aminobenzoic acids and aniline. Synthetic Metals, 2001, 123, 1-9.	2.1	75
27	Polyaniline with 1%-hydroxyalkoxy pendant substituent on the meta-position. Synthetic Metals, 2001, 123, 403-410.	2.1	7
28	Electrochemical Copolymerization of Diphenylamine and Anthranilic Acid with Various Feed Ratios. Journal of the Electrochemical Society, 2001, 148, D65.	1.3	60
29	In Situ Synthesis of Optically Active Poly(o-ethoxyaniline) in Organic Media and Its Chiroptical Properties. Chemistry of Materials, 2001, 13, 4787-4793.	3.2	29
30	Optically Active Polyaniline Derivatives Prepared by Electron Acceptor in Organic System:~ Chiroptical Properties. Macromolecules, 2001, 34, 7249-7256.	2.2	47
31	Synthesis, electrical, and optical properties of conjugated polymers. , 2001, , 1-102.		24
32	CO~&sub&gt;2&lt;/sub&gt;-sensitive Characteristics of Base-type Polyaniline/Poly(vinyl alcohol) Composites at Room Temperature and Effects of Coexisting Gases. Electrochemistry, 2001, 69, 997-1001.	0.6	12
33	Synthesis and characterization of poly(2,5-dimethoxyaniline) and poly(aniline-Co-2,5-dimethoxyaniline): The processable conducting polymers. Bulletin of Materials Science, 2001, 24, 389-396.	0.8	29
34	Title is missing!. Journal of Inorganic and Organometallic Polymers, 2001, 11, 47-61.	1.5	4
35	Novel Synthesis, Characterization, and Physical Properties of Self-Doped Sulfonated Polyaniline by Copolymerization between p-Aminodiphenylamine and o-Aminobenzenesulfonic Acid. Polymer Journal, 2001, 33, 165-171.	1.3	27
36	Conducting-Insulating Polymer Composites: Selectively Sensing Materials for Humidity and CO2. ACS Symposium Series, 2002, , 88-102.	0.5	5

#	ARTICLE	IF	CITATIONS
37	$\pi$ -Conjugated Conducting Polymers and Their Application in Solid Electrolytic Capacitors. Journal of the Japan Society of Colour Material, 2002, 75, 124-132.	0.0	0
38	Electrochemical and Spectroelectrochemical Studies on Copolymerization of Diphenylamine with 2,5-Diaminobenzenesulfonic Acid. Journal of the Electrochemical Society, 2002, 149, E298.	1.3	21
39	Spectroscopic investigation of water-soluble polyaniline copolymers. Synthetic Metals, 2002, 130, 27-33.	2.1	70
40	Role of anions to influence inductive behavior for poly(2-amino diphenylamine-co-aniline) an electrochemical impedance spectroscopic analysis. Synthetic Metals, 2002, 130, 61-71.	2.1	20
41	In situ UV-visible spectroelectrochemical studies on the copolymerization of diphenylamine with anthranilic acid. Materials Chemistry and Physics, 2002, 74, 58-65.	2.0	48
42	Synthesis and characterization of electrically conducting copolymer of aniline and o-bromoaniline using methane sulfonic acid as dopant. Journal of Applied Polymer Science, 2002, 86, 2662-2669.	1.3	19
43	Synthesis of electrically conducting copolymers of aniline with o/m-amino benzoic acid by an inverse emulsion pathway. Polymer, 2002, 43, 5051-5058.	1.8	68
44	Polyaniline-deposited porous carbon electrode for supercapacitor. Electrochimica Acta, 2003, 48, 641-649.	2.6	333
45	In situ UV-visible spectroelectrochemical evidences for conducting copolymer formation between diphenylamine and m-methoxyaniline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 1937-1950.	2.0	17
46	Electrochemical and capacitive properties of polyaniline-implanted porous carbon electrode for supercapacitors. Journal of Power Sources, 2003, 117, 273-282.	4.0	154
47	Conductive Hybrids from Water-Borne Conductive Polyaniline and (3-Glycidoxypropyl)trimethoxysilane. Macromolecules, 2003, 36, 5760-5764.	2.2	44
48	Synthesis of electrically conducting copolymers of o/m-toluidines and o/m-amino benzoic acid in an organic peroxide system and their characterization. Synthetic Metals, 2003, 138, 519-527.	2.1	37
49	Acoustic characterization of metal/polymer membrane enclosures. , 2003, , .		0
50	Synthesis of a water-soluble diblock copolymer of polysulfonic diphenyl aniline and poly(ethylene oxide). Journal of Polymer Science Part A: Polymer Chemistry, 2003, 41, 2511-2518.	2.5	25
51	Novel conducting polymer poly[bis(phenylamino)disulfide]: Synthesis, characterization, and properties. Journal of Polymer Science Part A, 2004, 42, 2329-2339.	2.5	36
52	Synthesis and characterization of electrically conducting poly(o/m-toluidine-co-o/m-aminoacetophenone) copolymers. Journal of Polymer Science Part A, 2004, 42, 4300-4310.	2.5	16
53	Highly soluble conducting poly(ethylene oxide) grafted at two sites of poly(o-aminobenzyl alcohol). Journal of Polymer Science Part A, 2004, 42, 4756-4764.	2.5	5
54	Comparative study of 2-amino and 3-aminobenzoic acid copolymerization with aniline synthesis and copolymer properties. Journal of Polymer Science Part A, 2004, 42, 5587-5599.	2.5	72

#	ARTICLE	IF	CITATIONS
55	Novel synthetic methods to produce functionalized conducting polymers I. Polyanilines. <i>Electrochimica Acta</i> , 2004, 49, 3671-3686.	2.6	66
56	Synthesis and characterization of soluble conducting poly(o-/m-toluidine-co-o-nitroaniline). <i>Synthetic Metals</i> , 2004, 145, 113-118.	2.1	54
57	Synthesis and in situ FTIRS characterization of conducting polymers obtained from aminobenzoic acid isomers at platinum electrodes. <i>European Polymer Journal</i> , 2005, 41, 843-852.	2.6	53
58	Synthesis and characterization of aniline and o-toluidine conducting copolymer microtubes with the template-synthesis method. <i>Journal of Applied Polymer Science</i> , 2005, 96, 1539-1543.	1.3	10
59	Polymers, composites, and characterization of conducting polyfuran and poly(2-bromoaniline). <i>Journal of Applied Polymer Science</i> , 2005, 98, 2048-2057.	1.3	18
60	Synthesis and characterization of poly(o-anisidine)/V <sub>2</sub> O <sub>5</sub> and poly(o-anthranilic acid)/V <sub>2</sub> O <sub>5</sub> nanocomposites. <i>Polymer International</i> , 2005, 54, 1082-1087.	1.6	7
61	Water-borne conductive polyaniline doped by acidic phosphate ester containing polysilsesquioxane precursor. <i>Synthetic Metals</i> , 2005, 148, 127-132.	2.1	14
62	Insoluble poly(anthranilic acid) confined in Nafion membrane by chemical and electrochemical polymerization of anthranilic acid. <i>Synthetic Metals</i> , 2005, 150, 285-290.	2.1	11
63	Electrochemical Synthesis and Characterization of Conducting Poly(diphenylamine-co-2-methoxyaniline). <i>International Journal of Polymer Analysis and Characterization</i> , 2005, 10, 341-360.	0.9	2
64	In situ UV-vis spectroelectrochemical studies of the copolymerization of o-aminophenol and aniline. <i>Synthetic Metals</i> , 2006, 156, 566-575.	2.1	47
65	Electrochemical copolymerization of m-toluidine and o-phenylenediamine. <i>Electrochimica Acta</i> , 2006, 52, 1247-1257.	2.6	38
66	Electrochemical behaviour of conducting polymers obtained into clay-catalyst layers. An in situ Raman spectroscopy study. <i>European Polymer Journal</i> , 2006, 42, 733-739.	2.6	31
67	Study of the chemical copolymerization of 2-aminoterephthalic acid and aniline. <i>European Polymer Journal</i> , 2006, 42, 1521-1532.	2.6	37
68	Electrochemical copolymerization of o-toluidine and o-phenylenediamine. <i>Journal of Electroanalytical Chemistry</i> , 2006, 592, 1-13.	1.9	63
69	Synthesis and Characterization of Electroactive Films Deposited from Aniline Dimers. <i>Journal of the Electrochemical Society</i> , 2006, 153, D114.	1.3	37
70	Electropolymerization of o-Aminobenzoic Acid and Characterization of the Obtained Polymer Films. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2006, 55, 37-63.	1.8	14
71	Electrochromic Devices Based on Copolymers of 2,5-Dimethoxyaniline-Diphenylamine. <i>Journal of the Electrochemical Society</i> , 2006, 153, E85.	1.3	9
72	Synthesis and properties of novel conducting polyaniline copolymers. <i>Journal of Applied Polymer Science</i> , 2007, 103, 140-147.	1.3	18

#	ARTICLE	IF	CITATIONS
73	Water-resistant conducting hybrids from electrostatic interactions. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1424-1431.	2.5	6
74	Fabrication and characterization of self-doped poly(aniline-co-anthranilic acid) nanorods in bundles. <i>Materials Chemistry and Physics</i> , 2007, 105, 380-384.	2.0	13
75	Novel conducting polyaniline copolymers of aniline and N-phenylglycine. <i>Materials Letters</i> , 2007, 61, 1158-1161.	1.3	16
76	In situ UV-vis spectroelectrochemistry of poly(o-phenylenediamine-co-m-toluidine). <i>Electrochimica Acta</i> , 2007, 52, 5346-5356.	2.6	58
77	Poly[bis(2-aminophenoxy)disulfide]: A polyaniline derivative containing disulfide bonds as a cathode material for lithium battery. <i>Polymer</i> , 2007, 48, 165-173.	1.8	67
78	Voltammetric and in situ FT-IRS study of the electropolymerization of o-aminobenzoic acid at gold and graphite carbon electrodes: Influence of pH on the electrochemical behaviour of polymer films. <i>Journal of Electroanalytical Chemistry</i> , 2008, 624, 245-250.	1.9	20
79	Synthesis and properties of the copolymers based on aniline and 2-aminobenzyl alcohol. <i>Journal of Polymer Research</i> , 2008, 15, 421-426.	1.2	0
80	Electropolymerization kinetics of a binary mixture of pyrrole and o-aminobenzoic acid and characterization of the obtained polymer films. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1643-1653.	1.3	11
81	Electrocopolymerization of aniline and ortho-phenylenediamine via facile negative shift of polyaniline redox peaks. <i>Polymer</i> , 2008, 49, 3702-3708.	1.8	22
82	Chemical synthesis and characterization of aniline and o-anthranilic acid copolymer. <i>European Polymer Journal</i> , 2008, 44, 426-435.	2.6	37
83	Dual-color polystyrene microspheres by two-stage dispersion copolymerization. <i>Materials Letters</i> , 2008, 62, 2603-2606.	1.3	4
84	Shifting the degree of sulfonation in a polyaniline derivative by the applied potential. <i>Synthetic Metals</i> , 2008, 158, 815-820.	2.1	3
85	A Spectroelectrochemical Study of Homo-/Co-oligomerization and Homo-/Copolymers of o-Phenylenediamine and o-Toluidine. <i>Journal of the Electrochemical Society</i> , 2008, 155, P89.	1.3	24
86	Large-scale synthesis of self-doped polyaniline nanofibers. <i>Materials Letters</i> , 2009, 63, 592-594.	1.3	55
87	Polyaniline-organoclay nanocomposites as curing agent for epoxy: Preparation and characterization. <i>Polymer Composites</i> , 2009, 30, 467-473.	2.3	10
88	Fabrication, morphology and thermal degradation behaviors of conductive polyaniline coated monodispersed polystyrene particles. <i>Polymer Degradation and Stability</i> , 2009, 94, 550-557.	2.7	23
89	Synthesis and characterization of aniline copolymers containing carboxylic groups and their application as sensitizer and hole conductor in solar cells. <i>Synthetic Metals</i> , 2009, 159, 2348-2354.	2.1	34
90	Oxidative polymerization of diphenylamine-2-carboxylic acid: Synthesis, structure, and properties of polymers. <i>Polymer Science - Series B</i> , 2010, 52, 263-269.	0.3	8

#	ARTICLE	IF	CITATIONS
91	DFT and experimental study of N,N'-bis(3-carboxy,4-aminophenyl)-1,4-quinonediimine, a carboxyl substituted aniline trimer. Journal of Molecular Structure, 2010, 977, 220-229.	1.8	8
92	Amperometric enzyme electrode for glucose determination based on poly(pyrrole-2-aminobenzoic acid) nanorods. Journal of Electroanalytical Chemistry, 2010, 617, 117-121.	1.2	17
93	Chemical synthesis and characterization of poly(aniline-co-ethyl 3-aminobenzoate) copolymers. Journal of Polymer Science Part A, 2010, 48, 1339-1347.	2.5	21
94	Synthesis of poly(p-phenylenediamine-co-o-aminophenol)/multi-walled carbon nanotube composites by emulsion polymerization. Polymers for Advanced Technologies, 2010, 21, 881-887.	1.6	9
95	Structural and dielectric properties of CuCl <sub>2</sub> and ZnCl <sub>2</sub> doped polyaniline. Polymer Composites, 2010, 31, 1862-1868.	2.3	21
96	Synthesis and characterization of poly(aniline-co-p-phenylenediamine) nanorods with external dopant. Journal of Polymer Science Part A, 2010, 48, 1339-1347.		0
97	Functional electrospun nanofibres of poly(lactic acid) blends with polyaniline or poly(aniline-co-benzoic acid). Synthetic Metals, 2010, 160, 2015-2022.	2.1	52
98	Microwave-Assisted Synthesis of Functionalized Polyaniline Nanostructures with Advanced Antioxidant Properties. Journal of Physical Chemistry C, 2010, 114, 18790-18796.	1.5	41
99	Gold Nanoparticle Dimers for Plasmon Sensing. Langmuir, 2011, 27, 7884-7891.	1.6	63
100	Fine-Tuned Nanostructures Assembled from Lysine-Functionalized Perylene Bisimides. Langmuir, 2011, 27, 11364-11371.	1.6	80
101	In Situ UV-Vis Spectroelectrochemical Studies on the Copolymerization of Diphenylamine and p-Phenylenediamine. American Journal of Analytical Chemistry, 2011, 02, 182-193.	0.3	12
102	Synthesis and characterization of polyaniline-Zr(IV)sulphosalicylate composite and its applications (1) electrical conductivity, and (2) antimicrobial activity studies. Chemical Engineering Journal, 2011, 173, 706-714.	6.6	67
103	Film Composites of polyimide with polyaniline and poly(aniline-co-anthranilic acid). Polymer Science - Series A, 2011, 53, 800-810.	0.4	1
104	Electrochemical synthesis and characterization of poly(aniline-co-1-amino-9,10-anthraquinone), a nanosized conducting copolymer. Journal of Polymer Research, 2011, 18, 311-317.	1.2	8
105	Synthesis of functionalized conducting polymer copolyanthranilic acid using various oxidizing agents and formation of composites with PVC. Polymers for Advanced Technologies, 2011, 22, 1982-1988.	1.6	6
106	Chemical synthesis, characterization, and properties of conducting copolymers of imidazole and carbazole. Journal of Applied Polymer Science, 2011, 119, 2824-2833.	1.3	4
107	Synthesis and Characterization of Poly Anthranilic Acid Metal Nanocomposites. Open Journal of Synthesis Theory and Applications, 2012, 01, 1-8.	1.3	17
108	Conductive Polymers for Plastic Electronics. , 2012, , 275-301.		0

#	ARTICLE	IF	CITATIONS
109	A systematic study of the electrochemical synthesis and spectroelectrochemical characterization of poly(o-chloroaniline) and poly(o-chloroaniline-co-o-toluidine). <i>Synthetic Metals</i> , 2012, 162, 356-363.	2.1	15
110	A comparative study of the electrochemical behavior of 2-/3-methylaniline during homo- and copolymerization with 1,2-diaminobenzene. <i>Electrochimica Acta</i> , 2012, 85, 358-368.	2.6	10
111	Electroactive Hydrophilic Polylactide Surface by Covalent Modification with Tetraaniline. <i>Macromolecules</i> , 2012, 45, 652-659.	2.2	62
112	Preparation of conductive nanocomposites based on poly (aniline-co- butyl 3-aminobenzoate) and poly (aniline-co-ethyl 3-aminobenzoate) by solution blending method. <i>Composite Interfaces</i> , 2012, 19, 475-488.	1.3	10
113	Thin films of substituted polyanilines: interactions with biomolecular systems. <i>Soft Matter</i> , 2012, 8, 3848.	1.2	13
114	Newer dynamic electrochromic nanorods of poly(o-anisidine-co-ethyl 4-aminobenzoate) synthesized by electrochemical polymerization. <i>Electrochimica Acta</i> , 2012, 59, 558-566.	2.6	5
115	Controlled fabrication and electrical-magnetic properties of Poly(OT-co-AN)/Ba <sub>0.8</sub> La <sub>0.2</sub> Al <sub>2</sub> Fe <sub>100</sub> 19 composites. <i>Science China Technological Sciences</i> , 2012, 55, 6-15.	2.0	4
116	Synthesis of new organic semiconductors based on poly(2-amininoethanol) doped with different acids and investigation of their electro-optical properties. <i>Polymer Engineering and Science</i> , 2013, 53, 251-256.	1.5	3
117	Electrochemical impedance study on nanofibers of poly(m-anthranilic acid)/polyacrylonitrile blends. <i>European Polymer Journal</i> , 2013, 49, 2645-2653.	2.6	29
118	Double recognition of dopamine based on a boronic acid functionalized poly(aniline-co-anthranilic) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	47
119	Fabrication of electrospun aligned nanofibers from conducting polyaniline copolymer/polyvinyl alcohol/chitosan oligosaccharide in aqueous solutions. <i>Synthetic Metals</i> , 2013, 178, 34-37.	2.1	17
120	Branched polyaniline/molybdenum oxide organic/inorganic heteronanostructures: synthesis and electromagnetic absorption properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11795.	5.2	63
121	A comparative study of the UV-vis spectroelectrochemical behavior of 2- and 3-methylaniline during homo- and copolymerization with 1,2-diaminobenzene. <i>Electrochimica Acta</i> , 2013, 97, 364-377.	2.6	8
122	Composite material for supercapacitors formed by polymerization of aniline in the presence of graphene oxide nanosheets. <i>Journal of Power Sources</i> , 2013, 224, 195-201.	4.0	43
123	Poly(aniline-co-m-aminobenzoic acid) deposited on poly(vinyl alcohol): Synthesis and characterization. <i>Bulletin of Materials Science</i> , 2013, 36, 641-645.	0.8	4
124	In situ UV-vis spectroelectrochemical studies on the copolymerization of o-phenylenediamine and o-methoxy aniline. <i>Electrochimica Acta</i> , 2013, 113, 218-228.	2.6	13
125	Polymers of diphenylamine-2-carboxylic acid: Synthesis, structure, and properties. <i>Polymer Science - Series B</i> , 2013, 55, 107-115.	0.3	11
126	Fabrication of electroactive oligoaniline functionalized poly(amic acid) nanofibers for application as an ammonia sensor. <i>RSC Advances</i> , 2013, 3, 4059.	1.7	25



#	ARTICLE	IF	CITATIONS
127	Surface modification of temperature-responsive polymer particles by an electrically conducting polyaniline shell layer. <i>Polymer International</i> , 2014, 63, 667-673.	1.6	10
128	A comparative study for the characterization of polyaniline based nanocomposites and membrane properties. <i>RSC Advances</i> , 2014, 4, 20686-20692.	1.7	21
129	Characterization of self-doped conducting polyanilines bearing phosphonic acid and phosphonic acid monoester. <i>Synthetic Metals</i> , 2014, 197, 240-245.	2.1	15
130	Oligomer-salt derived 3D, heavily nitrogen doped, porous carbon for Li-ion hybrid electrochemical capacitors application. <i>Carbon</i> , 2014, 80, 462-471.	5.4	84
131	Synthesis of self-doped conducting polyaniline bearing phosphonic acid. <i>Tetrahedron Letters</i> , 2014, 55, 3976-3978.	0.7	29
132	Synthesis and Characterization of Some Conducting Polymers and Their Complexed Compounds. <i>Periodica Polytechnica: Chemical Engineering</i> , 2014, 58, 35-41.	0.5	2
133	Graphene oxide/polyaniline nanotube composites synthesized in alkaline aqueous solution. <i>Synthetic Metals</i> , 2015, 210, 314-322.	2.1	12
134	A novel nanostructured conducting copolymer system based on poly(m-toluidine-co-m-aminoacetophenone) and silver nanoparticles coated by dodecyl benzenesulphonic acid. <i>Polymer Science - Series B</i> , 2015, 57, 730-737.	0.3	1
135	Co- and ter-polymerization of poly(o-anthranilic acid): Synthesis and characterization. <i>Polymer Science - Series B</i> , 2015, 57, 669-676.	0.3	2
136	Polyethylenimine/grapefruit peel hybrid biosorbent for the removal of toxic CdTe quantum dots from water. <i>RSC Advances</i> , 2015, 5, 57082-57089.	1.7	4
137	From Copolymer Precursor to Metal Oxides Nanoparticles: Synthesis and Characterization of Doped Copper and Cobalt Copolymer Vialn SituandEx SituCopolymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 394-400.	1.2	8
138	One-Pot Enzymatic Conversion of Carbon Dioxide and Utilization for Improved Microbial Growth. <i>Environmental Science &amp; Technology</i> , 2015, 49, 4466-4472.	4.6	24
139	Functionalized polyanilines disrupt <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 666-673.	2.5	25
140	In-situ modified carbon cloth with polyaniline/graphene as anode to enhance performance of microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 11369-11379.	3.8	110
141	Preparation, characterization and morphological study of poly(m-toluidine-co-m-aminoacetophenone) conductive copolymer. <i>Polymer Science - Series B</i> , 2016, 58, 580-586.	0.3	1
142	Anticorrosion activity of aniline-2-sulfonic acid copolymers on the steel surface. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 432-438.	0.1	6
143	Complete doping in solid-state by silica-supported perchloric acid as dopant solid acid: Synthesis and characterization of the novel chiral composite of poly [( $\Delta$ )-2-(sec-butyl) aniline]. <i>Journal of Solid State Chemistry</i> , 2016, 237, 258-268.	1.4	18
144	Self-doped polyaniline derived from poly(2-methoxyaniline-5-phosphonic acid) and didodecyldimethylammonium salt. <i>RSC Advances</i> , 2016, 6, 22447-22452.	1.7	9

#	ARTICLE	IF	CITATIONS
145	Covalent streptavidin immobilization on electrospun poly(m- <i>anthranilic</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 Td (acid)/poly Polymers, 2016, 31, 291-303.	0.8	3
146	Investigation into the ring-substituted polyanilines and their application for the detection and adsorption of sulfur dioxide. Sensors and Actuators B: Chemical, 2017, 249, 423-430.	4.0	28
147	A novel electrochemical sensor based on electropolymerized molecularly imprinted poly(aniline-co-anthranilic acid) for sensitive detection of amlodipine. Journal of Electroanalytical Chemistry, 2017, 805, 133-145.	1.9	32
148	Synthesis of phosphonic acid ring-substituted polyanilines via direct phosphonation to polymer main chains. RSC Advances, 2017, 7, 39306-39313.	1.7	22
149	Fabrication and Characterization of Polyaniline Based Nano-Composite with Their Physico-Chemical and Environmental Applications. Journal of Polymers and the Environment, 2017, 25, 717-727.	2.4	9
151	Polymer Chelating Ligands: Classification, Synthesis, Structure, and Chemical Transformations. Springer Series in Materials Science, 2018, , 13-197.	0.4	3
152	Carbon Nanotube/Polyaniline-Based Nanocomposite Anode for Microbial Fuel Cells. , 2018, , 201-213.		2
153	Modern Age Environmental Problems and their Remediation. , 2018, , .		18
155	Poly(aniline-co-anthranilic acid) as an electrically conductive and mechanically stable binder for high-performance silicon anodes. Electrochimica Acta, 2018, 283, 260-268.	2.6	37
156	A self-doped polyaniline derivative obtained by electrochemical copolymerization of aminoterephthalic acid and aniline. Synthetic Metals, 2018, 245, 61-66.	2.1	11
157	Post-synthetic efficient functionalization of polyaniline with phosphorus-containing groups. Effect of phosphorus on electrochemical properties. European Polymer Journal, 2019, 119, 272-280.	2.6	21
158	Highly bluish-white light emissive and redox active conjugated poly-N-phenyl anthranilic acid polymer fluoroprobe for analytical sensing. Polymer, 2019, 181, 121747.	1.8	8
159	Mesoporous electromagnetic composite particles: Electric current responsive release of biologically active molecules and antibacterial properties. Colloids and Surfaces B: Biointerfaces, 2019, 181, 85-93.	2.5	16
160	Differential pulse voltammetric determination of the carcinogenic diamine 4,4'-oxydianiline by electrochemical preconcentration on a MoS <sub>2</sub> based sensor. Mikrochimica Acta, 2019, 186, 793.	2.5	8
161	Molecular frameworks of polymerized 3-aminobenzoic acid for chemical modification and electrochemical recognition. Journal of Electroanalytical Chemistry, 2019, 832, 321-328.	1.9	6
162	Antimicrobial activities of nanostructured polyanilines doped with aromatic nitro compounds. Arabian Journal of Chemistry, 2019, 12, 3785-3798.	2.3	85
163	A review on the chemical and electrochemical copolymerization of conducting monomers: recent advancements and future prospects. Polymer-Plastics Technology and Materials, 2020, 59, 484-504.	0.6	11
164	Template-assisted synthesis and electrochemical properties of SnO <sub>2</sub> as a cathode catalyst support for PEMFC. Ionics, 2020, 26, 1861-1873.	1.2	7

#	ARTICLE	IF	CITATIONS
165	MECHANISM OF INHIBITION OF GALVANIC CORROSION BETWEEN CARBON STEEL AND STAINLESS STEEL BY SODIUM N-LAUROYL SARCOSINATE AND ZINC SULFATE. <i>Surface Review and Letters</i> , 2020, 27, 1950146.	0.5	1
166	Effect of surface oxygen groups in the electrochemical modification of multi-walled carbon nanotubes by 4-amino phenyl phosphonic acid. <i>Carbon</i> , 2020, 165, 328-339.	5.4	15
167	Polymer solar cell based on doped o-anthranilic acid and o-aminophenol copolymer. <i>Optical Materials</i> , 2020, 104, 109947.	1.7	39
168	Electrochemical synthesis of fluorinated polyanilines. <i>Electrochimica Acta</i> , 2020, 348, 136329.	2.6	7
169	Nickel decorated melamine-formaldehyde resin/polyaniline composites for high specific capacitance. <i>Materials Chemistry and Physics</i> , 2020, 249, 122957.	2.0	12
170	O,N-Codoped 3D graphene hollow sphere derived from metal-organic frameworks as oxygen reduction reaction electrocatalysts for Zn-air batteries. <i>Nanoscale</i> , 2021, 13, 6174-6183.	2.8	17
171	Electrochemical Characterization and Detection of Lead in Water Using SPCE Modified with BiONPs/PANI. <i>Nanomaterials</i> , 2021, 11, 1294.	1.9	14
172	Tailoring of conducting polymers via copolymerization – A review. <i>European Polymer Journal</i> , 2021, 155, 110561.	2.6	23
173	EPR monitoring of aniline polymerization: Kinetics and reaction mechanism. <i>Synthetic Metals</i> , 2021, 280, 116871.	2.1	0
174	Polymers, composites, and characterization of conducting polyfuran and poly(2-bromoaniline). <i>Journal of Applied Polymer Science</i> , 2005, 98, 2440-2449.	1.3	2
175	Synthesis and tribological applications for carbon microspheres/poly (methyl methacrylate)/poly (ethylene imine) amphiphilic particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 124993.	2.3	5
176	Synthesis and Characterisation of Polyaniline Using Picric Acid as an Organic Dopant. <i>Indian Journal of Applied Research</i> , 2011, 3, 62-65.	0.0	1
177	Oxidative Polymerization of N-Phenylanthranilic Acid in the Heterophase System. <i>Open Journal of Polymer Chemistry</i> , 2013, 03, 63-69.	1.8	15
178	Poly(anthranilic acid) Microspheres: Synthesis, Characterization and their Electrocatalytic Properties. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 1919-1924.	1.0	14
179	Low-Molecular-Weight Soluble Polyaniline for Electrolytic Capacitor. <i>Electrochemistry</i> , 1999, 67, 45-50.	0.6	9
180	Recent trends on synthetic approaches and application studies of conducting polymers and copolymers: a review. <i>Polymer Bulletin</i> , 2022, 79, 10377-10408.	1.7	13
181	Effectiveness of a novel polyaniline@Fe-ZSM-5 hybrid composite for Orange G dye removal from aqueous media: Experimental study and advanced statistical physics insights. <i>Chemosphere</i> , 2022, 295, 133786.	4.2	39
182	Extremely adherent and protective polymeric coating based on polydiphenylamine electrodeposited on steel in an organic electrolytic medium. <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	1

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------