

List of Publications by Citations

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

59 papers	1,728 citations	21 h-index	40 g-index
59 ext. papers	1,899 ext. citations	3.3 avg, IF	4.6 L-index

#	Paper	IF	Citations
59	Polyaniline nanotubes: conditions of formation. <i>Polymer International</i> , 2006 , 55, 31-39	3.3	253
58	Polyaniline prepared in the presence of various acids: a conductivity study. <i>Polymer International</i> , 2004 , 53, 294-300	3.3	142
57	A comparative study on the electrical and mechanical behaviour of multi-walled carbon nanotube composites prepared by diluting a masterbatch with various types of polypropylenes. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 2536-2551	2.9	129
56	Polypyrrole nanotubes: mechanism of formation. <i>RSC Advances</i> , 2014 , 4, 1551-1558	3.7	107
55	Polypyrrole salts and bases: superior conductivity of nanotubes and their stability towards the loss of conductivity by deprotonation. <i>RSC Advances</i> , 2016 , 6, 88382-88391	3.7	102
54	Control of polyaniline conductivity and contact angles by partial protonation. <i>Polymer International</i> , 2008 , 57, 66-69	3.3	88
53	Brominated Polyaniline. <i>Chemistry of Materials</i> , 2001 , 13, 4083-4086	9.6	88
52	Polyaniline-coated cellulose fibers decorated with silver nanoparticles. <i>Chemical Papers</i> , 2008 , 62,	1.9	52
51	Polypyrrole-silver composites prepared by the reduction of silver ions with polypyrrole nanotubes. <i>Polymer Chemistry</i> , 2013 , 4, 3610	4.9	51
50	Polyaniline Cryogels Supported with Poly(vinyl alcohol): Soft and Conducting. <i>Macromolecules</i> , 2017 , 50, 972-978	5.5	48
49	Polyaniline-silver composites prepared by the oxidation of aniline with silver nitrate in acetic acid solutions. <i>Polymer International</i> , 2010 , 59, 437-446	3.3	48
48	Reduction of silver nitrate by polyaniline nanotubes to produce silver-polyaniline composites. <i>Chemical Papers</i> , 2009 , 63,	1.9	44
47	Electromagnetic radiation shielding by composites of conducting polymers and wood. <i>Journal of Applied Polymer Science</i> , 2005 , 95, 807-814	2.9	42
46	Optimization routes for high electrical conductivity of polypyrrole nanotubes prepared in presence of methyl orange. <i>Synthetic Metals</i> , 2017 , 230, 89-96	3.6	37
45	Polypyrrole Nanotubes and Their Carbonized Analogs: Synthesis, Characterization, Gas Sensing Properties. <i>Sensors</i> , 2016 , 16,	3.8	36
44	The oxidative polymerization of p-phenylenediamine with silver nitrate: Toward highly conducting micro/nanostructured silver/conjugated polymer composites. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3387-3403	2.5	33
43	Protonation of Polyaniline with 3-Nitro-1,2,4-triazol-5-one. <i>Chemistry of Materials</i> , 2002 , 14, 3602-3606	9.6	29

42	Effect of oxidant on electronic transport in polypyrrole nanotubes synthesized in the presence of methyl orange. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 1147-1159	2.6	27
41	Conductivity and morphology of polyaniline and polypyrrole prepared in the presence of organic dyes. <i>Synthetic Metals</i> , 2020 , 264, 116373	3.6	25
40	Mechanical and electrical properties of composites based on thermoplastic matrices and conductive cellulose fibers. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 133-142	2.9	25
39	Control of Electrical Properties of Polyaniline. <i>Polymer International</i> , 1997 , 43, 117-125	3.3	23
38	Dye-stimulated control of conducting polypyrrole morphology. <i>RSC Advances</i> , 2017 , 7, 51495-51505	3.7	21
37	The preparation of conducting polyaniline/silver and poly(p-phenylenediamine)/silver nanocomposites in liquid and frozen reaction mixtures. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 2361-2368	2.6	20
36	Role of -Benzoquinone in the Synthesis of a Conducting Polymer, Polyaniline. <i>ACS Omega</i> , 2019 , 4, 7128-7139	3.4	16
35	Coaxial conducting polymer nanotubes: polypyrrole nanotubes coated with polyaniline or poly(p-phenylenediamine) and products of their carbonisation. <i>Chemical Papers</i> , 2015 , 69,	1.9	15
34	Conducting composites prepared by the reduction of silver ions with poly(p-phenylenediamine). <i>Polymer International</i> , 2015 , 64, 496-504	3.3	15
33	The influence of compression pressure on transport properties of polyaniline. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5038		15
32	Conversion of conducting polypyrrole nanostructures to nitrogen-containing carbons and its impact on the adsorption of organic dye. <i>Materials Advances</i> , 2021 , 2, 706-717	3.3	13
31	Conducting materials prepared by the oxidation of p-phenylenediamine with p-benzoquinone. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 2653-2664	2.6	12
30	Effect of compression pressure on mechanical and electrical properties of polyaniline pellets. <i>Chemical Papers</i> , 2013 , 67,	1.9	12
29	Stability of electrical properties of carbon black-filled rubbers. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 2918-2924	2.9	12
28	Nanotubular polypyrrole: Reversibility of protonation/deprotonation cycles and long-term stability. <i>European Polymer Journal</i> , 2019 , 115, 290-297	5.2	11
27	Multi-wall carbon nanotubes with nitrogen-containing carbon coating. <i>Chemical Papers</i> , 2013 , 67,	1.9	11
26	Electromagnetic interference shielding of polypyrrole nanostructures. <i>Synthetic Metals</i> , 2020 , 269, 116573	3.6	11
25	Temperature- and humidity-related degradation of conducting polyaniline films. <i>Macromolecular Symposia</i> , 2004 , 212, 447-454	0.8	9

24	Stability of electrical and mechanical properties of polyethylene/carbon black composites. <i>Macromolecular Symposia</i> , 2001 , 170, 231-240	0.8	9
23	One-Dimensional Nanostructures of Polypyrrole for Shielding of Electromagnetic Interference in the Microwave Region. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
22	One-Pot Preparation of Conducting Melamine/Polypyrrole/Magnetite Ferrosponge. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 1107-1115	4.3	9
21	Partially sulfonated polyaniline: conductivity and spectroscopic study. <i>Chemical Papers</i> , 2017 , 71, 329-338	8.9	7
20	The influence of tungsten compounds on the synthesis and properties of polyaniline. <i>Polymer International</i> , 2005 , 54, 1606-1612	3.3	7
19	Pressure-Sensitive Conducting and Antibacterial Materials Obtained by Dispersion Coating of Macroporous Melamine Sponges with Polypyrrole. <i>ACS Omega</i> , 2021 , 6, 20895-20901	3.9	7
18	Preparation of conducting polysiloxane/polyaniline composites. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	6
17	Influence of preparation methods on the electrical and nanomechanical properties of poly(methyl methacrylate)/multiwalled carbon nanotubes composites. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	5
16	Electrically Conductive Polymeric Composites and Nanocomposites 2011 , 425-477		5
15	Conducting polyaniline prepared in the solutions of formic acid: Does functionalization with carboxyl groups occur?. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 235, 118300	4.4	5
14	Conducting polypyrrole-coated macroporous melamine sponges: a simple toy or an advanced material?. <i>Chemical Papers</i> , 2021 , 75, 5035-5055	1.9	5
13	Suspension polymerization of aniline hydrochloride in non-aqueous media. <i>Polymer International</i> , 2011 , 60, 794-797	3.3	4
12	Stability of electrical properties of conducting polymer composites. <i>Macromolecular Symposia</i> , 2001 , 170, 241-248	0.8	4
11	Melamine Sponges Decorated with Polypyrrole Nanotubes as Macroporous Conducting Pressure Sensors. <i>ACS Applied Nano Materials</i> , 2021 , 4, 7513-7519	5.6	4
10	Elaboration and properties of nanofibrillated cellulose composites with polypyrrole nanotubes or their carbonized analogs. <i>Synthetic Metals</i> , 2021 , 278, 116806	3.6	4
9	Electrical conductivity of epoxy/silicone/carbon black composites: Effect of composite microstructure. <i>Polymer Composites</i> , 2014 , 35, 2234-2240	3	3
8	Hybrid organic-inorganic coatings and films containing conducting polyaniline nanoparticles. <i>Macromolecular Symposia</i> , 2004 , 212, 343-348	0.8	3
7	Comparison of carbonized and activated polypyrrole globules, nanofibers, and nanotubes as conducting nanomaterials and adsorbents of organic dye. <i>Carbon Trends</i> , 2021 , 4, 100068	0	3

6	Effect of water release on thermal properties of polyaniline. <i>Chemical Papers</i> , 2017 , 71, 393-400	1.9	2
5	Conducting and Magnetic Composites Polypyrrole Nanotubes/Magnetite Nanoparticles: Application in Magnetorheology. <i>ACS Applied Nano Materials</i> , 2021 , 4, 2247-2256	5.6	2
4	Explosive hazards in polyaniline chemistry. <i>Chemical Papers</i> , 2017 , 71, 387-392	1.9	1
3	Conducting polypyrrole and polypyrrole/manganese dioxide composites prepared with a solid sacrificial oxidant of pyrrole. <i>Synthetic Metals</i> , 2021 , 278, 116807	3.6	1
2	Polypyrrole-Coated Melamine Sponge as a Precursor for Conducting Macroporous Nitrogen-Containing Carbons. <i>Coatings</i> , 2022 , 12, 324	2.9	1
1	Effect of sterilization techniques on the conductivity of polyaniline and polypyrrole. <i>Synthetic Metals</i> , 2021 , 282, 116937	3.6	0