

Jaroslav Stejskal

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378
papers

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h-index

115
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389
ext. papers

18,780
ext. citations

4.1
avg. IF

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L-index

#	Paper	IF	Citations
378	Polyaniline nanostructures and the role of aniline oligomers in their formation. <i>Progress in Polymer Science</i> , 2010 , 35, 1420-1481	29.6	606
377	Synthesis and structural study of polypyrroles prepared in the presence of surfactants. <i>Synthetic Metals</i> , 2003 , 138, 447-455	3.6	511
376	The mechanism of the oxidative polymerization of aniline and the formation of supramolecular polyaniline structures. <i>Polymer International</i> , 2008 , 57, 1295-1325	3.3	424
375	Polyaniline: The infrared spectroscopy of conducting polymer nanotubes (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2011 , 83, 1803-1817	2.1	414
374	Evolution of polyaniline nanotubes: the oxidation of aniline in water. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 9461-8	3.4	391
373	Oxidation of Aniline: Polyaniline Granules, Nanotubes, and Oligoaniline Microspheres. <i>Macromolecules</i> , 2008 , 41, 3530-3536	5.5	324
372	Polyaniline and polypyrrole: A comparative study of the preparation. <i>European Polymer Journal</i> , 2007 , 43, 2331-2341	5.2	313
371	FTIR spectroscopic and conductivity study of the thermal degradation of polyaniline films. <i>Polymer Degradation and Stability</i> , 2004 , 86, 179-185	4.7	294
370	The genesis of polyaniline nanotubes. <i>Polymer</i> , 2006 , 47, 8253-8262	3.9	276
369	Multi-wall carbon nanotubes coated with polyaniline. <i>Polymer</i> , 2006 , 47, 5715-5723	3.9	267
368	The formation of polyaniline and the nature of its structures. <i>Polymer</i> , 1996 , 37, 367-369	3.9	264
367	Polyaniline nanotubes: conditions of formation. <i>Polymer International</i> , 2006 , 55, 31-39	3.3	253
366	In-situ polymerized polyaniline films. <i>Synthetic Metals</i> , 1999 , 105, 195-202	3.6	213
365	Polyaniline Dispersions. 6. Stabilization by Colloidal Silica Particles. <i>Macromolecules</i> , 1996 , 29, 6814-6819	5.5	203
364	Polyaniline: Thin films and colloidal dispersions (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2005 , 77, 815-826	2.1	200
363	Biocompatibility of polyaniline. <i>Synthetic Metals</i> , 2012 , 162, 722-727	3.6	198
362	Raman spectroscopy of polyaniline and oligoaniline thin films. <i>Electrochimica Acta</i> , 2014 , 122, 28-38	6.7	197

361	The chemical oxidative polymerization of aniline in water: Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 1375-1387	2.3	190
360	Thermal degradation of polyaniline films prepared in solutions of strong and weak acids and in water [FTIR and Raman spectroscopic studies. <i>Polymer Degradation and Stability</i> , 2008 , 93, 2147-2157	4.7	186
359	Polyaniline and polypyrrole prepared in the presence of surfactants: a comparative conductivity study. <i>Polymer</i> , 2003 , 44, 1353-1358	3.9	185
358	The effect of polymerization temperature on molecular weight, crystallinity, and electrical conductivity of polyaniline. <i>Synthetic Metals</i> , 1998 , 96, 55-61	3.6	182
357	In-situ polymerized polyaniline films. <i>Synthetic Metals</i> , 2001 , 123, 503-507	3.6	158
356	Polyaniline Dispersions. 5. Poly(vinyl alcohol) and Poly(N-vinylpyrrolidone) as Steric Stabilizers. <i>Langmuir</i> , 1996 , 12, 3389-3392	4	156
355	The conversion of polyaniline nanotubes to nitrogen-containing carbon nanotubes and their comparison with multi-walled carbon nanotubes. <i>Polymer Degradation and Stability</i> , 2009 , 94, 929-938	4.7	151
354	The oxidation of aniline with silver nitrate to polyaniline-silver composites. <i>Polymer</i> , 2009 , 50, 50-56	3.9	146
353	Polyaniline prepared in the presence of various acids: a conductivity study. <i>Polymer International</i> , 2004 , 53, 294-300	3.3	142
352	Polyaniline dispersions 8. The control of particle morphology. <i>Polymer</i> , 1999 , 40, 2487-2492	3.9	130
351	Solid-State Protonation and Electrical Conductivity of Polyaniline. <i>Macromolecules</i> , 1998 , 31, 2218-2222	5.5	124
350	Aniline oligomers versus polyaniline. <i>Polymer International</i> , 2012 , 61, 240-251	3.3	116
349	Conducting carbonized polyaniline nanotubes. <i>Nanotechnology</i> , 2009 , 20, 245601	3.4	116
348	Structural and conductivity changes during the pyrolysis of polyaniline base. <i>Polymer Degradation and Stability</i> , 2006 , 91, 114-121	4.7	112
347	Spectroscopy of thin polyaniline films deposited during chemical oxidation of aniline. <i>Chemical Papers</i> , 2012 , 66,	1.9	111
346	The stability of polyaniline in strongly alkaline or acidic aqueous media. <i>Polymer Degradation and Stability</i> , 2008 , 93, 592-600	4.7	108
345	Polypyrrole nanotubes: mechanism of formation. <i>RSC Advances</i> , 2014 , 4, 1551-1558	3.7	107
344	The carbonization of granular polyaniline to produce nitrogen-containing carbon. <i>Synthetic Metals</i> , 2011 , 161, 1122-1129	3.6	107

343	Kinetics and isotherm studies of methylene blue adsorption onto polyaniline nanotubes base/silica composite. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 1964-1969	6.3	106
342	Antimicrobial activity and cytotoxicity of cotton fabric coated with conducting polymers, polyaniline or polypyrrole, and with deposited silver nanoparticles. <i>Applied Surface Science</i> , 2017 , 396, 169-176	6.7	105
341	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
340	The effect of dielectric properties on the electrorheology of suspensions of silica particles coated with polyaniline. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003 , 321, 411-424	3.3	101
339	Organic coatings containing polyaniline and inorganic pigments as corrosion inhibitors. <i>Progress in Organic Coatings</i> , 2008 , 62, 105-116	4.8	98
338	In-situ polymerized polyaniline films. <i>Synthetic Metals</i> , 2002 , 129, 29-37	3.6	98
337	Effect of polymerization conditions on the properties of polypyrrole prepared in the presence of sodium bis(2-ethylhexyl) sulfosuccinate. <i>Synthetic Metals</i> , 2004 , 143, 153-161	3.6	96
336	Anticorrosion properties of polyaniline-coated pigments in organic coatings. <i>Corrosion Science</i> , 2008 , 50, 3549-3560	6.8	95
335	Conducting polymer-silver composites. <i>Chemical Papers</i> , 2013 , 67,	1.9	93
334	In-situ polymerized polyaniline films. Preparation in solutions of hydrochloric, sulfuric, or phosphoric acid. <i>Thin Solid Films</i> , 2006 , 515, 1640-1646	2.2	93
333	Polyaniline complex with fullerene C60. <i>European Polymer Journal</i> , 2000 , 36, 2321-2326	5.2	92
332	Control of polyaniline conductivity and contact angles by partial protonation. <i>Polymer International</i> , 2008 , 57, 66-69	3.3	88
331	Brominated Polyaniline. <i>Chemistry of Materials</i> , 2001 , 13, 4083-4086	9.6	88
330	MNDO-PM3 Study of the Early Stages of the Chemical Oxidative Polymerization of Aniline. <i>Collection of Czechoslovak Chemical Communications</i> , 2006 , 71, 1407-1426		87
329	Synthesis and characterization of conducting polyaniline 5-sulfosalicylate nanotubes. <i>Nanotechnology</i> , 2008 , 19, 135606	3.4	86
328	Polyaniline: Forms and Formation. <i>Collection of Czechoslovak Chemical Communications</i> , 1995 , 60, 1747-1755		86
327	Low methanol-permeable polyaniline/Nafion composite membrane for direct methanol fuel cells. <i>Journal of Power Sources</i> , 2009 , 190, 279-284	8.9	85
326	Theoretical study of the oxidative polymerization of aniline with peroxydisulfate: Tetramer formation. <i>International Journal of Quantum Chemistry</i> , 2008 , 108, 318-333	2.1	85

325	Polyaniline prepared in the presence of various acids. <i>Polymer Degradation and Stability</i> , 2004 , 86, 187-195	1.5	85
324	Polymers of phenylenediamines. <i>Progress in Polymer Science</i> , 2015 , 41, 1-31	29.6	84
323	Synthesis, Characterization, and Electrochemistry of Nanotubular Polypyrrole and Polypyrrole-Derived Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 14770-14784	3.8	81
322	Surface Polymerization of Aniline on Silica Gel. <i>Langmuir</i> , 2003 , 19, 3013-3018	4	81
321	Chemical oxidative polymerization of safranines. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 2188-99	3.4	79
320	Polypyrrole nanotubes: The tuning of morphology and conductivity. <i>Polymer</i> , 2017 , 113, 247-258	3.9	76
319	Polymerization of aniline on polyaniline membranes. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 2440-8	3.4	76
318	Chemical oxidative polymerization of anilinium sulfate versus aniline: Theory and experiment. <i>Synthetic Metals</i> , 2008 , 158, 200-211	3.6	75
317	Reprotonation of polyaniline: A route to various conducting polymer materials. <i>Reactive and Functional Polymers</i> , 2008 , 68, 1355-1361	4.6	74
316	Accelerating effect of some cation radicals on the polymerization of aniline. <i>Polymer</i> , 1995 , 36, 4135-4140	3.9	74
315	On the origin of colloidal particles in the dispersion polymerization of aniline. <i>Journal of Colloid and Interface Science</i> , 2004 , 274, 489-95	9.3	73
314	Polyaniline dispersions: preparation of spherical particles and their light-scattering characterization. <i>Polymer</i> , 1992 , 33, 4857-4858	3.9	73
313	Conducting polypyrrole nanotubes: a review. <i>Chemical Papers</i> , 2018 , 72, 1563-1595	1.9	70
312	Interaction of conducting polymers, polyaniline and polypyrrole, with organic dyes: polymer morphology control, dye adsorption and photocatalytic decomposition. <i>Chemical Papers</i> , 2020 , 74, 1-54	1.9	70
311	Polyaniline prepared in solutions of phosphoric acid: Powders, thin films, and colloidal dispersions. <i>Polymer</i> , 2006 , 47, 42-48	3.9	68
310	Poly(aniline-co-pyrrole): powders, films, and colloids. Thermophoretic mobility of colloidal particles. <i>Synthetic Metals</i> , 2004 , 146, 29-36	3.6	68
309	Synthesis and characterization of self-assembled polyaniline nanotubes/silica nanocomposites. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 7116-27	3.4	67
308	Electrorheological activity of polyphenylenediamine suspensions in silicone oil. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 283, 337-348	3.3	67

307	Polypyrrole prepared in the presence of methyl orange and ethyl orange: nanotubes versus globules in conductivity enhancement. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4236-4245	7.1	65
306	In situ polymerized polyaniline films. 4. Film formation in dispersion polymerization of aniline. <i>Journal of Colloid and Interface Science</i> , 2002 , 248, 413-8	9.3	65
305	Colloidal polyaniline dispersions: antibacterial activity, cytotoxicity and neutrophil oxidative burst. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 116, 411-7	6	64
304	Poly(phenylenediamine) Dispersions. <i>Journal of Colloid and Interface Science</i> , 2001 , 236, 328-334	9.3	64
303	Mixed electron and proton conductivity of polyaniline films in aqueous solutions of acids: beyond the 1000 S cm ⁻¹ limit. <i>Polymer International</i> , 2009 , 58, 872-879	3.3	63
302	Surface and Precipitation Polymerization of Aniline. <i>Langmuir</i> , 2002 , 18, 5630-5632	4	63
301	The electrorheological efficiency of polyaniline particles with various conductivities suspended in silicone oil. <i>Colloid and Polymer Science</i> , 2009 , 287, 403-412	2.4	62
300	Chemical oxidative polymerization of aminodiphenylamines. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 6976-87	3.4	62
299	The biocompatibility of polyaniline and polypyrrole: A comparative study of their cytotoxicity, embryotoxicity and impurity profile. <i>Materials Science and Engineering C</i> , 2018 , 91, 303-310	8.3	62
298	Flame-retardant effect of polyaniline coating deposited on cellulose fibers. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 2347-2354	2.9	60
297	Oxidation of aniline with strong and weak oxidants. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 256-275		59
296	Magnetic materials based on manganese/zinc ferrite with surface-organized polyaniline coating. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 301, 155-165	2.8	59
295	The effect of pH on the oxidative polymerization of aniline and the morphology and properties of products. <i>Russian Chemical Reviews</i> , 2011 , 79, 1123-1143	6.8	58
294	Conductivity ageing in temperature-cycled polyaniline. <i>Polymer Degradation and Stability</i> , 2002 , 78, 393-401		58
293	Anticorrosion efficiency of organic coatings depending on the pigment volume concentration of polyaniline phosphate. <i>Progress in Organic Coatings</i> , 2008 , 63, 228-237	4.8	57
292	Conformational transition in polyaniline films [Spectroscopic and conductivity studies of ageing. <i>Polymer Degradation and Stability</i> , 2008 , 93, 428-435	4.7	57
291	Influence of particle concentration on the electrorheological efficiency of polyaniline suspensions. <i>European Polymer Journal</i> , 2003 , 39, 641-645	5.2	57
290	Synthesis and characterization of conducting self-assembled polyaniline nanotubes/zeolite nanocomposite. <i>Langmuir</i> , 2009 , 25, 3122-31	4	55

289	Phase transition in swollen gels. 6. Effect of aging on the extent of hydrolysis of aqueous polyacrylamide solutions and on the collapse of gels. <i>Macromolecules</i> , 1984 , 17, 2868-2874	5.5	54
288	Catalytic activity of polypyrrole nanotubes decorated with noble-metal nanoparticles and their conversion to carbonized analogues. <i>Synthetic Metals</i> , 2016 , 214, 14-22	3.6	53
287	Polyaniline Dispersions. 9. Dynamic Light Scattering Study of Particle Formation Using Different Stabilizers. <i>Langmuir</i> , 1998 , 14, 6767-6771	4	53
286	Polyaniline-silver composites prepared by the oxidation of aniline with silver nitrate in solutions of sulfonic acids. <i>Electrochimica Acta</i> , 2011 , 56, 3580-3585	6.7	52
285	Polyaniline-coated cellulose fibers decorated with silver nanoparticles. <i>Chemical Papers</i> , 2008 , 62,	1.9	52
284	Polypyrrole-silver composites prepared by the reduction of silver ions with polypyrrole nanotubes. <i>Polymer Chemistry</i> , 2013 , 4, 3610	4.9	51
283	Anticorrosion efficiency of zinc-filled epoxy coatings containing conducting polymers and pigments. <i>Progress in Organic Coatings</i> , 2015 , 78, 1-20	4.8	50
282	Antibacterial properties of polyaniline-silver films. <i>Chemical Papers</i> , 2013 , 67,	1.9	50
281	Structure and stability of thin polyaniline films deposited in situ on silicon and gold during precipitation and dispersion polymerization of aniline hydrochloride. <i>Thin Solid Films</i> , 2011 , 519, 5933-5941	2.2	50
280	Electrorheology of polyaniline-coated silica particles in silicone oil. <i>Journal Physics D: Applied Physics</i> , 2000 , 33, 1773-1780	3	50
279	Conducting polymer hydrogels. <i>Chemical Papers</i> , 2017 , 71, 269-291	1.9	49
278	Polyaniline-silver composites prepared by the oxidation of aniline with mixed oxidants, silver nitrate and ammonium peroxydisulfate: The control of silver content. <i>Polymer</i> , 2011 , 52, 5947-5952	3.9	49
277	The reduction of silver ions with polyaniline: The effect of the type of polyaniline and the mole ratio of the reagents. <i>Materials Letters</i> , 2009 , 63, 709-711	3.3	49
276	Polyaniline-coated silica gel. <i>European Polymer Journal</i> , 2002 , 38, 631-637	5.2	49
275	Polyaniline Cryogels Supported with Poly(vinyl alcohol): Soft and Conducting. <i>Macromolecules</i> , 2017 , 50, 972-978	5.5	48
274	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
273	The effect of polyaniline layer deposited on silica particles on electrorheological and dielectric properties of their silicone-oil suspensions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 353, 21-28	3.3	48
272	Towards directional assembly of hierarchical structures: aniline oligomers as the model precursors. <i>Nanoscale</i> , 2013 , 5, 2620-6	7.7	46

271	Oxidation of Aniline with Silver Nitrate Accelerated by p-Phenylenediamine: A New Route to Conducting Composites. <i>Macromolecules</i> , 2010 , 43, 10406-10413	5.5	46
270	NMR investigation of aniline oligomers produced in the early stages of oxidative polymerization of aniline. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 6666-73	3.4	46
269	Electrorheology of aniline oligomers. <i>Colloid and Polymer Science</i> , 2013 , 291, 2079-2086	2.4	45
268	An effect of carbonization on the electrorheology of poly(p-phenylenediamine). <i>Carbon</i> , 2013 , 63, 187-195	5.4	44
267	Reduction of silver nitrate by polyaniline nanotubes to produce silver-polyaniline composites. <i>Chemical Papers</i> , 2009 , 63,	1.9	44
266	The enhancement of the oxidation resistance of carbonyl iron by polyaniline coating and consequent changes in electromagnetic properties. <i>Polymer Degradation and Stability</i> , 2008 , 93, 1826-1837	4.7	44
265	Capillary zone electrophoresis with electroosmotic flow controlled by external radial electric field. <i>Electrophoresis</i> , 1999 , 20, 2484-92	3.6	44
264	The reduction of silver nitrate with various polyaniline salts to polyaniline-silver composites. <i>Reactive and Functional Polymers</i> , 2009 , 69, 86-90	4.6	42
263	Ferromagnetic behaviour of polyaniline-coated multi-wall carbon nanotubes containing nickel nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 231-240	2.8	42
262	Electromagnetic radiation shielding by composites of conducting polymers and wood. <i>Journal of Applied Polymer Science</i> , 2005 , 95, 807-814	2.9	42
261	The observation of a conductivity threshold on the electrorheological effect of p-phenylenediamine oxidized with p-benzoquinone. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9973-9980	7.1	41
260	Purification of a conducting polymer, polyaniline, for biomedical applications. <i>Synthetic Metals</i> , 2014 , 195, 286-293	3.6	41
259	The carbonization of thin polyaniline films. <i>Thin Solid Films</i> , 2012 , 520, 6088-6094	2.2	41
258	Oxidative stability of polyaniline. <i>Polymer Degradation and Stability</i> , 2012 , 97, 1026-1033	4.7	41
257	Flame retardancy afforded by polyaniline deposited on wood. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 24-30	2.9	41
256	Self-assembled polyaniline nanotubes and nanoribbons/titanium dioxide nanocomposites. <i>Synthetic Metals</i> , 2010 , 160, 1325-1334	3.6	40
255	Electrical properties of polyaniline suspensions. <i>Synthetic Metals</i> , 1998 , 97, 37-42	3.6	40
254	Coating of zinc ferrite particles with a conducting polymer, polyaniline. <i>Journal of Colloid and Interface Science</i> , 2006 , 298, 87-93	9.3	40

253	Polyaniline: Aniline oxidation with strong and weak oxidants under various acidity. <i>Materials Chemistry and Physics</i> , 2017 , 194, 206-218	4.4	39
252	The deposition of globular polypyrrole and polypyrrole nanotubes on cotton textile. <i>Applied Surface Science</i> , 2015 , 356, 737-741	6.7	39
251	Self-assembly of aniline oligomers. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 129-37	4.5	39
250	Polypyrrole/silver composites prepared by single-step synthesis. <i>Synthetic Metals</i> , 2013 , 166, 57-62	3.6	39
249	The role of acidity profile in the nanotubular growth of polyaniline. <i>Chemical Papers</i> , 2010 , 64,	1.9	39
248	Thermal ageing of conducting polymeric composites. <i>Polymer Degradation and Stability</i> , 2003 , 82, 251-256	4.7	39
247	Preparation and characterization of aqueous polyaniline dispersions. <i>European Polymer Journal</i> , 1993 , 29, 1305-1309	5.2	39
246	Polyaniline cryogels: Biocompatibility of novel conducting macroporous material. <i>Scientific Reports</i> , 2018 , 8, 135	4.9	38
245	Carbonization of aniline oligomers to electrically polarizable particles and their use in electrorheology. <i>Chemical Engineering Journal</i> , 2014 , 256, 398-406	14.7	38
244	Anticorrosion properties of inorganic pigments surface-modified with a polyaniline phosphate layer. <i>Progress in Organic Coatings</i> , 2008 , 63, 209-221	4.8	38
243	Conductivity of colloidal polyaniline dispersions. <i>European Polymer Journal</i> , 2001 , 37, 219-226	5.2	38
242	Hydrogenation of 2-ethyl-9,10-anthraquinone on Pd-polyaniline(SiO ₂) composite catalyst: The effect of humidity. <i>Applied Catalysis A: General</i> , 2007 , 333, 219-228	5.1	37
241	Enhanced thermal stability of multi-walled carbon nanotubes after coating with polyaniline salt. <i>Polymer Degradation and Stability</i> , 2012 , 97, 1405-1414	4.7	36
240	Solid-state reduction of silver nitrate with polyaniline base leading to conducting materials. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 1906-12	9.5	36
239	Pd/polyaniline(SiO ₂) a novel catalyst for the hydrogenation of 2-ethylanthraquinone. <i>Catalysis Communications</i> , 2005 , 6, 347-356	3.2	36
238	Polypyrrole Nanotubes and Their Carbonized Analogs: Synthesis, Characterization, Gas Sensing Properties. <i>Sensors</i> , 2016 , 16,	3.8	36
237	Gravure-printed ammonia sensor based on organic polyaniline colloids. <i>Sensors and Actuators B: Chemical</i> , 2016 , 225, 510-516	8.5	35
236	Polyaniline stabilized highly dispersed Pt nanoparticles: Preparation, characterization and catalytic properties. <i>Reactive and Functional Polymers</i> , 2009 , 69, 630-642	4.6	35

- 235 Detection of aniline oligomers on polyaniline-gold interface using resonance Raman scattering. *ACS Applied Materials & Interfaces*, **2014**, 6, 942-50 9.5 34
- 234 Sensing of silver ions by nanotubular polyaniline film deposited on quartz-crystal in a microbalance. *Synthetic Metals*, **2010**, 160, 42-46 3.6 34
- 233 The oxidative polymerization of p-phenylenediamine with silver nitrate: Toward highly conducting micro/nanostructured silver/conjugated polymer composites. *Journal of Polymer Science Part A*, **2011**, 49, 3387-3403 2.5 33
- 232 Electrorheology of polyaniline-coated inorganic particles in silicone oil. *Journal of Colloid and Interface Science*, **2003**, 258, 174-178 9.3 33
- 231 Polypyrrole-coated cotton textile as adsorbent of methylene blue dye. *Chemical Papers*, **2018**, 72, 1605-1618 3.9 32
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- 222 The chemical and colloidal stability of polyaniline dispersions. *Polymer Degradation and Stability*, **2005**, 88, 428-434 4.7 31
- 221 The reaction of polyaniline with iodine. *Polymer*, **2008**, 49, 180-185 3.9 30
- 220 Chemical composition distribution of a graft copolymer prepared from macromonomer: fractionation in demixing solvents. *Macromolecules*, **1989**, 22, 861-865 5.5 30
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- 218 Conducting Polymers: Polyaniline **2015**, 1-44 2.9

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216	Application of percolation concepts to electrical conductivity of polyaniline/inorganic salt composites. <i>Journal of Materials Chemistry</i> , 1999 , 9, 2425-2428		29
215	Polyaniline dispersions. 3. Influence of the polymerization conditions. <i>Polymer International</i> , 1993 , 32, 401-405	3.3	29
214	Conjugated polyaniline as a result of the benzidine rearrangement. <i>Polymer International</i> , 2015 , 64, 453-465	3.5	28
213	Electrorheology of polyaniline, carbonized polyaniline, and their core/shell composites. <i>Materials Letters</i> , 2013 , 101, 90-92	3.3	28
212	The reduction of silver nitrate to metallic silver inside polyaniline nanotubes and on oligoaniline microspheres. <i>Synthetic Metals</i> , 2010 , 160, 1479-1486	3.6	28
211	Polyaniline-coated silver nanowires. <i>Reactive and Functional Polymers</i> , 2010 , 70, 656-662	4.6	28
210	The material combining conducting polymer and ionic liquid: Hydrogen bonding interactions between polyaniline and imidazolium salt. <i>Synthetic Metals</i> , 2014 , 197, 168-174	3.6	27
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