

Miroslava Trchova

List of Publications by Year in Descending Order

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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.

288
papers

12,958
citations

59
h-index

102
g-index

291
ext. papers

13,891
ext. citations

4
avg. IF

6.51
L-index

#	Paper	IF	Citations
288	Solid manganese dioxide as heterogeneous oxidant of aniline in the preparation of conducting polyaniline or polyaniline/manganese dioxide composites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 638, 128298	5.1	2
287	Polypyrrole-Coated Melamine Sponge as a Precursor for Conducting Macroporous Nitrogen-Containing Carbons. <i>Coatings</i> , 2022 , 12, 324	2.9	1
286	Fabrication of polyaniline/poly(vinyl alcohol)/montmorillonite hybrid aerogels toward efficient adsorption of organic dye pollutants.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129004	12.8	4
285	Effect of sterilization techniques on the conductivity of polyaniline and polypyrrole. <i>Synthetic Metals</i> , 2021 , 282, 116937	3.6	0
284	Raman spectroscopy and DFT calculations of PEDOT:PSS in a dipolar field.. <i>Physical Chemistry Chemical Physics</i> , 2021 , 24, 541-550	3.6	2
283	Nitrogen-containing carbon enriched with tungsten atoms prepared by carbonization of polyaniline. <i>Chemical Papers</i> , 2021 , 75, 5153-5161	1.9	1
282	Electrorheology of polyindole. <i>Polymer</i> , 2021 , 217, 123448	3.9	5
281	2-Hydroxyethyl Methacrylate Hydrogels for Local Drug Delivery: Study of Topotecan and Vincristine Sorption/Desorption Kinetics and Polymer-Drug Interaction by ATR-FTIR Spectroscopy. <i>Macromolecular Chemistry and Physics</i> , 2021 , 222, 2100086	2.6	5
280	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
279	Conducting polypyrrole-coated macroporous melamine sponges: a simple toy or an advanced material?. <i>Chemical Papers</i> , 2021 , 75, 5035-5055	1.9	5
278	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
277	Conducting composite films based on chitosan or sodium hyaluronate. Properties and cytocompatibility with human induced pluripotent stem cells. <i>Carbohydrate Polymers</i> , 2021 , 253, 117244 ^{10.3}	10.3	7
276	One-Pot Preparation of Conducting Melamine/Polypyrrole/Magnetite Ferrosponge. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 1107-1115	4.3	9
275	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
274	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
273	Conducting and Magnetic Composites Polypyrrole Nanotubes/Magnetite Nanoparticles: Application in Magnetorheology. <i>ACS Applied Nano Materials</i> , 2021 , 4, 2247-2256	5.6	2
272	Polyaniline/zirconium phosphonate composites: Thermal stability and spectroscopic study. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 147, 109634	3.9	4

271	Surfactants and amino acids in the control of nanotubular morphology of polypyrrole and their effect on the conductivity. <i>Colloid and Polymer Science</i> , 2020 , 298, 319-325	2.4	5
270	Effect of initial freezing temperature and comonomer concentration on the properties of poly(aniline-co-m-phenylenediamine) cryogels supported by poly(vinyl alcohol). <i>Colloid and Polymer Science</i> , 2020 , 298, 293-301	2.4	4
269	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
268	Polypyrrole/gelatin cryogel as a precursor for a macroporous conducting polymer. <i>Reactive and Functional Polymers</i> , 2020 , 157, 104751	4.6	9
267	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
266	Highly conducting 1-D polypyrrole prepared in the presence of safranin. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 12140-12147	7.1	14
265	Carbogels: carbonized conducting polyaniline/poly(vinyl alcohol) aerogels derived from cryogels for electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1785-1796	13	9
264	Surface modification of tungsten disulfide with polypyrrole for enhancement of the conductivity and its impact on hydrogen evolution reaction. <i>Applied Surface Science</i> , 2019 , 492, 497-503	6.7	14
263	Synthesis and characterization of polyaniline/BEA zeolite composites and their application in nicosulfuron adsorption. <i>Microporous and Mesoporous Materials</i> , 2019 , 287, 234-245	5.3	20
262	Microcomposites of zirconium phosphonates with a conducting polymer, polyaniline: Preparation, spectroscopic study and humidity sensing. <i>Journal of Solid State Chemistry</i> , 2019 , 276, 285-293	3.3	6
261	Cationic dyes as morphology-guiding agents for one-dimensional polypyrrole with improved conductivity. <i>Polymer</i> , 2019 , 174, 11-17	3.9	23
260	Carbon Materials Derived from Poly(aniline---phenylenediamine) Cryogels. <i>Polymers</i> , 2019 , 12,	4.5	2
259	Effect of nanodiamond additives on the structure and gas-transport properties of a poly(phenyleneisophthalamide) matrix. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46320	2.9	6
258	Reduction of silver ions to silver with polyaniline/poly(vinyl alcohol) cryogels and aerogels. <i>Chemical Papers</i> , 2018 , 72, 1619-1628	1.9	9
257	Conducting polypyrrole nanotubes: a review. <i>Chemical Papers</i> , 2018 , 72, 1563-1595	1.9	70
256	Acid Blue dyes in polypyrrole synthesis: The control of polymer morphology at nanoscale in the promotion of high conductivity and the reduction of cytotoxicity. <i>Synthetic Metals</i> , 2018 , 237, 40-49	3.6	24
255	Oxidation of pyrrole with p-benzoquinone to semiconducting products and their application in electrorheology. <i>New Journal of Chemistry</i> , 2018 , 42, 10167-10176	3.6	7
254	Semiconducting materials from oxidative coupling of phenylenediamines under various acidic conditions. <i>Materials Chemistry and Physics</i> , 2018 , 205, 423-435	4.4	13

253	Thermally Induced Protonation of Conducting Polyaniline Film by Dibutyl Phosphite Conversion to Phosphate. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 9492-9497	2.8	2
252	Resonance Raman Spectroscopy of Conducting Polypyrrole Nanotubes: Disordered Surface versus Ordered Body. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 9298-9306	2.8	30
251	The interaction of thin polyaniline films with various H-phosphonates: Spectroscopy and quantum chemical calculations. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46728	2.9	9
250	Conducting composite cryogels based on poly(aniline-co-p-phenylenediamine) supported by poly(vinyl alcohol). <i>Synthetic Metals</i> , 2018 , 246, 144-149	3.6	8
249	Effect of 1,3-phenylenediamine concentration on the properties of poly(aniline-co-1,3-phenylenediamine) cryogels. <i>Materials Letters</i> , 2018 , 229, 68-70	3.3	7
248	Synergistic conductivity increase in polypyrrole/molybdenum disulfide composite. <i>Polymer</i> , 2018 , 150, 130-137	3.9	25
247	Polyaniline Cryogels Supported with Poly(vinyl alcohol): Soft and Conducting. <i>Macromolecules</i> , 2017 , 50, 972-978	5.5	48
246	Colloidal dispersions of conducting copolymers of aniline and p-phenylenediamine for films with enhanced conductometric sensitivity to temperature. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1668-1674 ¹	7.4 ¹	10
245	Interfaced conducting polymers. <i>Synthetic Metals</i> , 2017 , 224, 109-115	3.6	11
244	Polypyrrole nanotubes: The tuning of morphology and conductivity. <i>Polymer</i> , 2017 , 113, 247-258	3.9	76
243	Explosive hazards in polyaniline chemistry. <i>Chemical Papers</i> , 2017 , 71, 387-392	1.9	1
242	Cerium(IV) phenylphosphonates and para-substituted phenylphosphonates: preparation and characterization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2017 , 87, 331-339	1.7	2
241	Thermally treated polyaniline/polybenzimidazole blend membranes: Structural changes and gas transport properties. <i>Journal of Membrane Science</i> , 2017 , 537, 315-322	9.6	20
240	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
239	Cell-compatible conducting polyaniline films prepared in colloidal dispersion mode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 157, 309-316	6	6
238	Phosphorus and nitrogen-containing carbons obtained by the carbonization of conducting polyaniline complex with phosphites. <i>Electrochimica Acta</i> , 2017 , 246, 443-450	6.7	18
237	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
236	Synthesis and characterization of new barium methylphosphonates. <i>Dalton Transactions</i> , 2017 , 46, 5363-5372	4.3	13

235	Polyaniline: Aniline oxidation with strong and weak oxidants under various acidity. <i>Materials Chemistry and Physics</i> , 2017 , 194, 206-218	4.4	39
234	Molybdenum and tungsten disulfides surface-modified with a conducting polymer, polyaniline, for application in electrorheology. <i>Reactive and Functional Polymers</i> , 2017 , 120, 30-37	4.6	17
233	The ageing of polypyrrole nanotubes synthesized with methyl orange. <i>European Polymer Journal</i> , 2017 , 96, 176-189	5.2	17
232	Structure and properties of polyaniline interacting with H-phosphonates. <i>Synthetic Metals</i> , 2017 , 232, 79-86	3.6	12
231	Influence of non-thermal plasma on structural and electrical properties of globular and nanostructured conductive polymer polypyrrole in water suspension. <i>Scientific Reports</i> , 2017 , 7, 15068	4.9	4
230	Dye-stimulated control of conducting polypyrrole morphology. <i>RSC Advances</i> , 2017 , 7, 51495-51505	3.7	21
229	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
228	Effect of O-methyl- β -cyclodextrin-modified magnetic nanoparticles on the uptake and extracellular level of l-glutamate in brain nerve terminals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 149, 64-71	6	13
227	Spectroscopic study of the highly homogeneous polyaniline film formation on gold support. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 152, 294-303	4.4	5
226	Interaction of polyaniline film with dibutyl phosphonate versus phosphite: Enhanced thermal stability. <i>Polymer Degradation and Stability</i> , 2016 , 134, 357-365	4.7	10
225	Colloids of polypyrrole nanotubes/nanorods: A promising conducting ink. <i>Synthetic Metals</i> , 2016 , 221, 67-74	3.6	24
224	Polyaniline/polybenzimidazole blends: Characterisation of its physico-chemical properties and gas separation behaviour. <i>European Polymer Journal</i> , 2016 , 77, 98-113	5.2	22
223	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
222	Cotton Fabric Coated with Conducting Polymers and its Application in Monitoring of Carnivorous Plant Response. <i>Sensors</i> , 2016 , 16,	3.8	26
221	Polypyrrole Nanotubes and Their Carbonized Analogs: Synthesis, Characterization, Gas Sensing Properties. <i>Sensors</i> , 2016 , 16,	3.8	36
220	Twin carbons: The carbonization of cellulose or carbonized cellulose coated with a conducting polymer, polyaniline. <i>Carbon</i> , 2016 , 109, 836-842	10.4	13
219	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
218	Blood coagulation and platelet adhesion on polyaniline films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 133, 278-85	6	16

217	The composites of silver with globular or nanotubular polypyrrole: The control of silver content. <i>Synthetic Metals</i> , 2015 , 209, 105-111	3.6	26
216	Reactivity of the tin homolog of POSS, butylstannoxane dodecamer, in oxygen-induced crosslinking reactions with an organic polymer matrix: Study of long-time behavior. <i>Polymer Degradation and Stability</i> , 2015 , 118, 147-166	4.7	9
215	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
214	RAFT of sulfobetaine for modifying poly(glycidyl methacrylate) microspheres to reduce nonspecific protein adsorption. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 2273-2284	2.5	5
213	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
212	Stem cell differentiation on conducting polyaniline. <i>RSC Advances</i> , 2015 , 5, 68796-68805	3.7	28
211	High-frequency dielectric response of polyaniline pellets as nanocomposites of metallic emeraldine salt and dielectric base. <i>Synthetic Metals</i> , 2015 , 209, 561-569	3.6	5
210	Conducting Polymers: Polyaniline 2015 , 1-44		29
209	The deposition of globular polypyrrole and polypyrrole nanotubes on cotton textile. <i>Applied Surface Science</i> , 2015 , 356, 737-741	6.7	39
208	Preparation of conducting polysiloxane/polyaniline composites. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	6
207	Conducting composites prepared by the reduction of silver ions with poly(p-phenylenediamine). <i>Polymer International</i> , 2015 , 64, 496-504	3.3	15
206	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
205	Raman spectroscopy of polyaniline and oligoaniline thin films. <i>Electrochimica Acta</i> , 2014 , 122, 28-38	6.7	197
204	Towards conducting inks: Polypyrrole-silver colloids. <i>Electrochimica Acta</i> , 2014 , 122, 296-302	6.7	25
203	Reprotonated polyanilines: The stability of conductivity at elevated temperature. <i>Polymer Degradation and Stability</i> , 2014 , 102, 67-73	4.7	22
202	In-situ prepared polyaniline-silver composites: Single- and two-step strategies. <i>Electrochimica Acta</i> , 2014 , 122, 259-266	6.7	32
201	Polypyrrole nanotubes: mechanism of formation. <i>RSC Advances</i> , 2014 , 4, 1551-1558	3.7	107
200	Purification of a conducting polymer, polyaniline, for biomedical applications. <i>Synthetic Metals</i> , 2014 , 195, 286-293	3.6	41

199	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
198	Tin-based Super-POSS building blocks in epoxy nanocomposites with highly improved oxidation resistance. <i>Polymer</i> , 2014 , 55, 3498-3515	3.9	12
197	The oxidation of aniline with p-benzoquinone and its impact on the preparation of the conducting polymer, polyaniline. <i>Synthetic Metals</i> , 2014 , 192, 66-73	3.6	31
196	Charge transport and dielectric relaxation processes in aniline-based oligomers. <i>Synthetic Metals</i> , 2014 , 192, 37-42	3.6	11
195	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
194	Conducting polymer and ionic liquid: Improved thermal stability of the material [A spectroscopic study. <i>Polymer Degradation and Stability</i> , 2014 , 109, 27-32	4.7	12
193	Detection of aniline oligomers on polyaniline-gold interface using resonance Raman scattering. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 942-50	9.5	34
192	Behavior of Tin-Based Super-POSS Incorporated in Different Bonding Situations in Hybrid Epoxy Resins. <i>Macromolecules</i> , 2014 , 47, 4266-4287	5.5	14
191	In Situ Infrared Spectroscopy of Oligoaniline Intermediates Created under Alkaline Conditions. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 14972-81	3.4	6
190	Gas transport properties of novel mixed matrix membranes made of titanate nanotubes and PBI or PPO. <i>Desalination and Water Treatment</i> , 2014 , 1-9		7
189	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
188	Monodisperse macroporous poly(glycidyl methacrylate) microspheres coated with silica: Design, preparation and characterization. <i>Reactive and Functional Polymers</i> , 2014 , 77, 11-17	4.6	20
187	Influence of ethanol on the chain-ordering of carbonised polyaniline. <i>Chemical Papers</i> , 2013 , 67,	1.9	11
186	Preparation of polyaniline in the presence of polymeric sulfonic acids mixtures: the role of intermolecular interactions between polyacids. <i>Chemical Papers</i> , 2013 , 67,	1.9	2
185	Self-assembly of aniline oligomers. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 129-37	4.5	39
184	Synthesis and characterization of ester and amide derivatives of titanium(IV) carboxymethylphosphonate. <i>Journal of Solid State Chemistry</i> , 2013 , 202, 93-98	3.3	
183	Intercalation chemistry of zirconium 4-sulfophenylphosphonate. <i>Journal of Solid State Chemistry</i> , 2013 , 208, 58-64	3.3	10
182	Electrorheology of aniline oligomers. <i>Colloid and Polymer Science</i> , 2013 , 291, 2079-2086	2.4	45

181	Electrorheology of polyaniline, carbonized polyaniline, and their core-shell composites. <i>Materials Letters</i> , 2013 , 101, 90-92	3.3	28
180	Polypyrrole/silver composites prepared by single-step synthesis. <i>Synthetic Metals</i> , 2013 , 166, 57-62	3.6	39
179	Multi-wall carbon nanotubes with nitrogen-containing carbon coating. <i>Chemical Papers</i> , 2013 , 67,	1.9	11
178	Transformation of Oligoaniline Microspheres to Platelike Nitrogen-Containing Carbon. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 2289-2299	3.8	20
177	The use of hydrophilic poly(N,N-dimethylacrylamide) for promoting engulfment of magnetic gamma-Fe ₂ O ₃ nanoparticles by mammalian cells. <i>Journal of Biomedical Nanotechnology</i> , 2013 , 9, 479-914		14
176	Silica-Coated Fe ₂ O ₃ Nanoparticles: Preparation and Engulfment by Mammalian Macrophages. <i>Journal of Nanopharmaceutics and Drug Delivery</i> , 2013 , 1, 182-192		10
175	Chemical oxidative polymerization of ethacridine. <i>Reactive and Functional Polymers</i> , 2012 , 72, 25-35	4.6	6
174	The carbonization of thin polyaniline films. <i>Thin Solid Films</i> , 2012 , 520, 6088-6094	2.2	41
173	Oxidative stability of polyaniline. <i>Polymer Degradation and Stability</i> , 2012 , 97, 1026-1033	4.7	41
172	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
171	Synchrotron X-ray scattering reveals early-stage crystallinity during the self-assembly of polyaniline nanotubes with rectangular cross-sections. <i>Synthetic Metals</i> , 2012 , 161, 2739-2742	3.6	16
170	In situ polymerized polyaniline films: The top and the bottom. <i>Synthetic Metals</i> , 2012 , 162, 2401-2405	3.6	13
169	Aniline oligomers versus polyaniline. <i>Polymer International</i> , 2012 , 61, 240-251	3.3	116
168	Spectroscopy of thin polyaniline films deposited during chemical oxidation of aniline. <i>Chemical Papers</i> , 2012 , 66,	1.9	111
167	The carbonization of granular polyaniline to produce nitrogen-containing carbon. <i>Synthetic Metals</i> , 2011 , 161, 1122-1129	3.6	107
166	Solid-state oxidation of aniline hydrochloride with various oxidants. <i>Synthetic Metals</i> , 2011 , 161, 1353-1360		24
165	The use of oligoperoxide-coated magnetic nanoparticles to label stem cells. <i>Journal of Biomedical Nanotechnology</i> , 2011 , 7, 384-94	4	11
164	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

163	Oxidation of aniline in dopant-free template-free dilute reaction media. <i>Materials Chemistry and Physics</i> , 2011 , 127, 501-510	4.4	29
162	Fluorescent magnetic nanoparticles for biomedical applications. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7630		90
161	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
160	Chemical oxidative polymerization of benzocaine. <i>Reactive and Functional Polymers</i> , 2011 , 71, 704-712	4.6	7
159	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
158	Magnetic poly(N-propargylacrylamide) microspheres: Preparation by precipitation polymerization and use in model click reactions. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4820-4829	2.5	24
157	Suspension polymerization of aniline hydrochloride in non-aqueous media. <i>Polymer International</i> , 2011 , 60, 794-797	3.3	4
156	NMR investigation of aniline oligomers produced in the oxidation of aniline in alkaline medium. <i>Polymer International</i> , 2011 , 60, n/a-n/a	3.3	5
155	Strontium Methylphosphonate Trihydrate: An Example of a New Class of Host Materials for Intercalation Reactions [Synthesis, Structure and Intercalation Behavior. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 850-859	2.3	5
154	Surface-Initiated Polymerization of 2-Hydroxyethyl Methacrylate from Heterotelechelic Oligoperoxide-Coated Fe ₂ O ₃ Nanoparticles and their Engulfment by Mammalian Cells. <i>Chemistry of Materials</i> , 2011 , 23, 2637-2649	9.6	15
153	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
152	Microwave synthesis: An alternative approach to synthesize conducting end-capped polymers. <i>Polymer</i> , 2011 , 52, 33-39	3.9	17
151	Polyaniline prepared in ethylene glycol or glycerol. <i>Polymer</i> , 2011 , 52, 1900-1907	3.9	27
150	Chemical synthesis of polyaniline in the presence of poly(amidosulfonic acids) with different rigidity of the polymer chain. <i>Polymer</i> , 2011 , 52, 2474-2484	3.9	44
149	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
148	Polyaniline: The infrared spectroscopy of conducting polymer nanotubes (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2011 , 83, 1803-1817	2.1	414
147	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
146	Polypyrrole and polyaniline prepared with cerium(IV) sulfate oxidant. <i>Synthetic Metals</i> , 2010 , 160, 701-707	7.6	32

145	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
144	The polymerization of aniline in polystyrene latex particles. <i>Synthetic Metals</i> , 2010 , 160, 1598-1602	3.6	14
143	Conducting polyaniline/hontmorillonite composites. <i>Synthetic Metals</i> , 2010 , 160, 2596-2604	3.6	31
142	The role of acidity profile in the nanotubular growth of polyaniline. <i>Chemical Papers</i> , 2010 , 64,	1.9	39
141	Synthesis and characterization of new zirconium 4-sulfophenylphosphonates. <i>Solid State Ionics</i> , 2010 , 181, 705-713	3.3	40
140	3,5-Dinitrosalicylic acid-assisted synthesis of self-assembled polyaniline nanorods. <i>Materials Letters</i> , 2010 , 64, 2337-2340	3.3	17
139	Polyaniline nanostructures and the role of aniline oligomers in their formation. <i>Progress in Polymer Science</i> , 2010 , 35, 1420-1481	29.6	606
138	Polyaniline-coated silver nanowires. <i>Reactive and Functional Polymers</i> , 2010 , 70, 656-662	4.6	28
137	Monodisperse magnetic composite poly(glycidyl methacrylate)/La _{0.75} Sr _{0.25} MnO ₃ microspheres by the dispersion polymerization. <i>Polymer</i> , 2010 , 51, 3116-3122	3.9	33
136	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
135	The carbonization of colloidal polyaniline nanoparticles to nitrogen-containing carbon analogues. <i>Polymer International</i> , 2010 , 59, 875-878	3.3	32
134	Structure and Pervaporation Properties of Poly(phenylene-iso-phthalamide) Membranes Modified by Fullerene C ₆₀ . <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 432-440	3.9	24
133	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
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