Igor Zhitomirsky

List of Publications by Year in Descending Order

268 papers	9,906 citations	53 h-index	87 g-index
279 ext. papers	10,747 ext. citations	5.1 avg, IF	6.97 L-index

#	Paper	IF	Citations
268	A Versatile Strategy for the Fabrication of Poly(ethyl methacrylate) Composites. *Journal of Composites Science*, **2022**, 6, 40	3	1
267	Versatile natural dispersants for electrophoretic deposition of materials. *Materials Letters*, **2022**, 313, 131828	3.3	
266	MXene-polypyrrole electrodes for asymmetric supercapacitors. *Electrochimica Acta*, **2022**, 406, 139843	6.7	3
265	A Biomimetic Strategy for the Fabrication of Micro- and Nanodiamond Composite Films. *Micro*, **2022**, 2, 154-163		0
264	Facile Route for Fabrication of Ferrimagnetic Mn3O4 Spinel Material for Supercapacitors with Enhanced Capacitance. *Energies*, **2022**, 15, 1812	3.1	0
263	Poly(ethyl methacrylate) Composite Coatings Containing Halogen-Free Inorganic Additives with Flame-Retardant Properties. *Journal of Composites Science*, **2022**, 6, 104	3	
262	A portable and smartphone-operated photoelectrochemical reader for point-of-care biosensing. *Electrochimica Acta*, **2022**, 140347	6.7	0
261	Deposition of Organic-Inorganic Nanocomposite Coatings for Biomedical Applications. *Solids*, **2022**, 3, 271-281	0	0
260	Surfactants for Electrophoretic Deposition of Polyvinylidene Fluoride–Silica Composites. *Surfaces*, **2022**, 5, 308-317	2.9	0
259	Dip coating of poly(ethyl methacrylate) and composites from solutions in isopropanol-water co-solvent. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 631, 127703	5.1	
258	Photoelectrochemical IL-6 Immunoassay Manufactured on Multifunctional Catecholate-Modified TiO Scaffolds. *ACS Applied Materials & Interfaces*, **2021**, 13, 50851-50861	9.5	2
257	Poly(Methyl Methacrylate) Coatings Containing Flame Retardant Additives from Suspensions in Water-2-Propanol. *Molecules*, **2021**, 26,	4.8	1
256	Dispersant Molecules with Functional Catechol Groups for Supercapacitor Fabrication. *Molecules*, **2021**, 26,	4.8	2
255	Composite FeO-MXene-Carbon Nanotube Electrodes for Supercapacitors Prepared Using the New Colloidal Method. *Materials*, **2021**, 14,	3.5	4
254	Multiwalled Carbon Nanotubes Coated with Nitrogen–Sulfur Co-Doped Activated Carbon for Detecting Fenitrothion. *ACS Applied Nano Materials*, **2021**, 4, 4781-4789	5.6	6
253	A Comprehensive Study of Al0.6Ti0.4N Coatings Deposited by Cathodic Arc and HiPIMS PVD Methods in Relation to Their Cutting Performance during the Machining of an Inconel 718 Alloy. *Coatings*, **2021**, 11, 723	2.9	3
252	Salting-out aided dispersive extraction of Mn3O4 nanoparticles and carbon nanotubes for application in supercapacitors. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 618, 126451	5.1	5

251	Pseudocapacitive behavior of ferrimagnetic NiFe2O4-carbon nanotube electrodes prepared with a multifunctional dispersing agent. *Open Ceramics*, **2021**, 6, 100127	3.3	13
250	MXene□arbon nanotube composite electrodes for high active mass asymmetric supercapacitors. *Journal of Materials Chemistry A*, **2021**, 9, 10335-10344	13	14
249	Multifunctional Properties of Commercial Bile Salts for Advanced Materials Engineering. *Advanced Engineering Materials*, **2021**, 23, 2001261	3.5	6
248	MXene (Ti3C2Tx) anodes for asymmetric supercapacitors with high active mass loading. *Materials Chemistry and Physics*, **2021**, 268, 124748	4.4	5
247	Hyaluronic-Acid-Based Organic-Inorganic Composites for Biomedical Applications. *Materials*, **2021**, 14,	3.5	2
246	Carbenoxolone as a Multifunctional Vehicle for Electrodeposition of Materials. *Applied Sciences (Switzerland)*, **2021**, 11, 9110	2.6	
245	Composite Ti3C2Tx-carbon nanotube electrodes with high active mass for supercapacitors. *Open Ceramics*, **2021**, 7, 100158	3.3	1
244	Surface Functionalization of Metal Oxide Semiconductors with Catechol Ligands for Enhancing Their Photoactivity. *Solar Rrl*, **2021**, 5, 2100512	7.1	4
243	Alginic Acid Polymer-Hydroxyapatite Composites for Bone Tissue Engineering. *Polymers*, **2021**, 13,	4.5	4
242	Influence of chemical structure of bile acid dispersants on electrophoretic deposition of poly(vinylidene fluoride) and composites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 627, 127181	5.1	2
241	Application of Octanohydroxamic Acid for Salting out Liquid-Liquid Extraction of Materials for Energy Storage in Supercapacitors. *Molecules*, **2021**, 26,	4.8	4
240	Fe3O4 spinel-Mn3O4 spinel supercapacitor prepared using Celestine blue as a dispersant, capping agent and charge transfer mediator. *Ceramics International*, **2020**, 46, 18851-18858	5.1	18
239	Zn-Fe Double Hydroxide-Carbon Nanotube Anodes for Asymmetric Supercapacitors. *Frontiers in Materials*, **2020**, 7,	4	4
238	Composite dip coating improves biocompatibility of porous metallic scaffolds. *Materials Letters*, **2020**, 274, 128057	3.3	5
237	Electrophoretic deposition of materials using lithocholic acid as a dispersant. *Materials Letters*, **2020**, 275, 128129	3.3	2
236	Functionally Decorated Carbon Nanotube Networks for Energy Storage in Supercapacitors. *Frontiers in Energy Research*, **2020**, 8,	3.8	1
235	Surface modification of TiO2 for photoelectrochemical DNA biosensors. *Medical Devices & Sensors*, **2020**, 3, e10066	1.6	10
234	Application of Cyrene as a solvent and dispersing agent for fabrication of Mn3O4-carbon nanotube supercapacitor electrodes. *Colloids and Interface Science Communications*, **2020**, 34, 100226	5.4	14

233	Electrophoretic deposition of polymethylmethacrylate and composites for biomedical applications. *Colloids and Surfaces B: Biointerfaces*, **2020**, 188, 110763	6	15
232	Cholic acid is a versatile coating-forming dispersant for electrophoretic deposition of diamond, graphene, carbon dots and polytetrafluoroethylene. *Surface and Coatings Technology*, **2020**, 384, 125304	4.4	5
231	Sodium deoxycholate as a versatile dispersing and coating-forming agent: A new facet of electrophoretic deposition technology. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 588, 124382	5.1	8
230	Mn3O4 and (ZnFe)OOH Composites for Supercapacitors with High Active Mass. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2020**, 51, 855-862	2.3	5
229	Electrophoretic deposition of polymers and proteins for biomedical applications. *Advances in Colloid and Interface Science*, **2020**, 284, 102272	14.3	30
228	Deposition of poly(methyl methacrylate) and composites containing bioceramics and bioglass by dip coating using isopropanol-water co-solvent. *Progress in Organic Coatings*, **2020**, 148, 105883	4.8	10
227	Electrochemical Fabrication and Characterization of Pectin Hydrogel Composite Materials for Bone Tissue Repair. *ACS Applied Polymer Materials*, **2020**, 2, 3390-3396	4.3	7
226	Biomimetic strategies in colloidal-electrochemical deposition of functional materials and composites using chenodeoxycholic acid. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 603, 125189	5.1	3
225	Differential Photoelectrochemical Biosensing Using DNA Nanospacers to Modulate Electron Transfer between Metal and Semiconductor Nanoparticles. *ACS Applied Materials & Interfaces*, **2020**, 12, 36895-36905	9.5	6
224	Application of bile acids for biomedical devices and sensors. *Medical Devices & Sensors*, **2020**, 3, e10119	1.6	4
223	Photocatalytic activity of electrophoretically deposited TiO2 and ZnO nanoparticles on fog harvesting meshes. *Ceramics International*, **2020**, 46, 3777-3785	5.1	16
222	The Development of Pseudocapacitor Electrodes and Devices with High Active Mass Loading. *Advanced Energy Materials*, **2020**, 10, 1903848	21.8	69
221	Zn-doped FeOOH-polypyrrole electrodes for supercapacitors. *Materials Letters*, **2019**, 255, 126542	3.3	4
220	Microwave-assisted hydrothermal synthesis and electrochemical characterization of niobium pentoxide/carbon nanotubes composites. *Journal of Materials Research*, **2019**, 34, 592-599	2.5	8
219	Integrating TiO2 Nanoparticles within a Catecholic Polymeric Network Enhances the Photoelectrochemical Response of Biosensors. *Journal of Physical Chemistry C*, **2019**, 123, 16186-16193	3.8	10
218	Extractor-free phase transfer of inorganic particles and application for supercapacitors. *Materials Letters*, **2019**, 252, 165-168	3.3	1
217	Manufacturing of polypyrrole-FeOOH supercapacitors. *Materials and Manufacturing Processes*, **2019**, 34, 1068-1071	4.1	1
216	Colloidal-electrochemical fabrication strategies for functional composites of linear polyethylenimine. *Journal of Colloid and Interface Science*, **2019**, 552, 1-8	9.3	2

215	Polypyrrole-Carbon Nanotube-FeOOH Composites for Negative Electrodes of Asymmetric Supercapacitors. *Journal of the Electrochemical Society*, **2019**, 166, A935-A940	3.9	11
214	Fast, low-pressure chromatographic separation of proteins using hydroxyapatite nanoparticles. *Talanta*, **2019**, 199, 472-477	6.2	8
213	High areal capacitance of Fe3O4-decorated carbon nanotubes for supercapacitor electrodes **2019**, 1, 124-133		49
212	Biomimetic modification of poly-l-lysine and electrodeposition of nanocomposite coatings for orthopaedic applications. *Colloids and Surfaces B: Biointerfaces*, **2019**, 176, 115-121	6	19
211	Electrophoretic deposition of LiFePO4 for Li-ion batteries. *Materials Letters*, **2019**, 241, 10-13	3.3	15
210	Phase transfer of oxide particles using hydroxamic acid derivatives and application for supercapacitors. *Ceramics International*, **2019**, 45, 2498-2503	5.1	3
209	Surface modification and dispersion of ceramic particles using liquid-liquid extraction method for application in supercapacitor electrodes. *Journal of the European Ceramic Society*, **2019**, 39, 3450-3455	6	11
208	Biomimetically modified chitosan for electrophoretic deposition of composites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 544, 28-34	5.1	20
207	New developments in non-covalent surface modification, dispersion and electrophoretic deposition of carbon nanotubes. *Carbon*, **2018**, 130, 584-598	10.4	76
206	Application of octanohydroxamic acid for liquid-liquid extraction of manganese oxides and fabrication of supercapacitor electrodes. *Journal of Colloid and Interface Science*, **2018**, 515, 50-57	9.3	20
205	Aqueous electrophoretic deposition of drugs using bile acids as solubilizing, charging and film-forming agents. *Materials Letters*, **2018**, 227, 1-4	3.3	11
204	Carboxymethyl cellulose and composite films prepared by electrophoretic deposition and liquid-liquid particle extraction. *Colloid and Polymer Science*, **2018**, 296, 927-934	2.4	7
203	Asymmetric supercapacitor based on MnO2 and Fe2O3 nanotube active materials and graphene current collectors. *Nano Structures Nano Objects*, **2018**, 15, 98-106	5.6	17
202	High areal capacitance of FeOOH-carbon nanotube negative electrodes for asymmetric supercapacitors. *Ceramics International*, **2018**, 44, 18007-18015	5.1	17
201	New Methods for the Fabrication of Composites for Supercapacitor Electrodes with High Active Mass Loading. *MRS Advances*, **2018**, 3, 3221-3226	0.7	2
200	High areal capacitance of Mn3O4-carbon nanotube electrodes. *Materials Letters*, **2018**, 215, 4-7	3.3	7
199	Fabrication of MnO-carbon nanotube composites with high areal capacitance using cationic and anionic dispersants. *Journal of Colloid and Interface Science*, **2018**, 512, 758-766	9.3	14
198	Electrochemical deposition of polypyrrole□arbon nanotube films using steroid dispersants. *Materials and Manufacturing Processes*, **2018**, 33, 1062-1066	4.1	4

197	New developments in liquid-liquid extraction, surface modification and agglomerate-free processing of inorganic particles. *Advances in Colloid and Interface Science*, **2018**, 261, 15-27	14.3	22
196	Supercapacitor electrodes with high active mass loading. *MRS Communications*, **2018**, 8, 1135-1138	2.7	3
195	Influence of molecular structure of extractor molecules on liquid-liquid extraction of oxide particles and properties of composites. *Ceramics International*, **2018**, 44, 15714-15720	5.1	4
194	Adsorption of Maleic Acid Monomer on the Surface of Hydroxyapatite and TiO: A Pathway toward Biomaterial Composites. *ACS Applied Materials & Interfaces*, **2018**, 10, 24382-24391	9.5	8
193	Electrophoretic deposition of functional organic molecules and composite films. *Materials and Manufacturing Processes*, **2017**, 32, 389-393	4.1	3
192	Strategies for electrosynthesis of poly(vinylbenzyltrimethylammonium chloride) and composite films. *Materials and Manufacturing Processes*, **2017**, 32, 404-408	4.1	4
191	Colloidal strategies for electrophoretic deposition of organic-inorganic composites for biomedical applications. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 516, 219-225	5.1	14
190	Asymmetric supercapacitor, based on composite MnO2-graphene and N-doped activated carbon coated carbon nanotube electrodes. *Electrochimica Acta*, **2017**, 233, 142-150	6.7	32
189	Manganese dioxide□carbon nanotube composite electrodes with high active mass loading for electrochemical supercapacitors. *Journal of Materials Science*, **2017**, 52, 3687-3696	4.3	11
188	Synthesis, liquid□liquid extraction and deposition of hydroxyapatite nanorod composites. *Materials Letters*, **2017**, 201, 140-143	3.3	8
187	MnO2-Carbon Nanotube Electrodes for Supercapacitors with High Active Mass Loadings. *Journal of the Electrochemical Society*, **2017**, 164, A1673-A1678	3.9	19
186	Liquid□liquid extraction of oxide particles and application in supercapacitors. *Journal of Materials Research*, **2017**, 32, 3242-3250	2.5	6
185	Strategies for liquid-liquid extraction of oxide particles for applications in supercapacitor electrodes and thin films. *Journal of Colloid and Interface Science*, **2017**, 499, 1-8	9.3	9
184	Phase transfer of oxide particles for application in thin films and supercapacitors. *Ceramics International*, **2017**, 43, 8314-8320	5.1	11
183	Nickel oxide nanotube synthesis using multiwalled carbon nanotubes as sacrificial templates for supercapacitor application. *Nanotechnology*, **2017**, 28, 075603	3.4	22
182	Synthesis and liquid-liquid extraction of non-agglomerated Al(OH) particles for deposition of cellulose matrix composite films. *Journal of Colloid and Interface Science*, **2017**, 508, 49-55	9.3	10
181	High Areal Capacitance of V2O3□Carbon Nanotube Electrodes. *Journal of the Electrochemical Society*, **2017**, 164, A3620-A3627	3.9	13
180	Electrostatic assembly of composite supercapacitor electrodes, triggered by charged dispersants. *Journal of Materials Chemistry A*, **2016**, 4, 17857-17865	13	7

179	Influence of Additives on Performance of Polypyrrole/Carbon Nanotube Supercapacitors. *Materials and Manufacturing Processes*, **2016**, 31, 1246-1252	4.1	11
178	Composite Polymer/Metal Hydroxide Coatings with Flame-Retardant Properties. *Materials and Manufacturing Processes*, **2016**, 31, 1201-1205	4.1	4
177	Surface modification and electrophoretic deposition of materials using 2,2?-biquinoline-4,4?-dicarboxylic acid. *Materials Letters*, **2016**, 174, 44-47	3.3	2
176	Electrophoretic deposition of tannic acid-polypyrrolidone films and composites. *Journal of Colloid and Interface Science*, **2016**, 469, 177-183	9.3	21
175	Electrochemical Deposition of Composites Using Deoxycholic Acid Dispersant. *Materials and Manufacturing Processes*, **2016**, 31, 67-73	4.1	10
174	Electrophoretic deposition of materials using humic acid as a dispersant and film forming agent. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 493, 74-82	5.1	13
173	Strategies to Optimize the Capacitive Behavior of Polypyrrole Electrodes. *Materials and Manufacturing Processes*, **2016**, 31, 2017-2022	4.1	7
172	Universal dispersing agent for electrophoretic deposition of inorganic materials with improved adsorption, triggered by chelating monomers. *Journal of Colloid and Interface Science*, **2016**, 462, 1-8	9.3	13
171	Silver nanoparticle assembly on carbon nanotubes triggered by reductive surfactant coating. *Materials Letters*, **2016**, 178, 128-131	3.3	6
170	Synthesis of metal and metal oxide nanoparticles, liquid–liquid extraction and application in supercapacitors. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 500, 195-202	5.1	17
169	Surface modification and electrophoretic deposition of materials using carboxyalkylphosphonic acids. *Materials Letters*, **2016**, 184, 320-323	3.3	4
168	Efficient Lightweight Supercapacitor with Compression Stability. *Advanced Functional Materials*, **2016**, 26, 6437-6445	15.6	101
167	Azopolymer triggered electrophoretic deposition of MnO2-carbon nanotube composites and polypyrrole coated carbon nanotubes for supercapacitors. *Journal of Materials Chemistry A*, **2015**, 3, 16486-16494	13	18
166	Electrophoretic deposition of flame retardant polymer/huntite coatings. *Materials Letters*, **2015**, 159, 106-109	3.3	8
165	Electrophoretic deposition of a memory-type flame retardant material. *Materials Letters*, **2015**, 153, 106-109	3.3	5
164	Colloidal methods for the fabrication of carbon nanotube-manganese dioxide and carbon nanotube-polypyrrole composites using bile acids. *Journal of Colloid and Interface Science*, **2015**, 454, 27-34	9.3	21
163	Electrophoretic Deposition of Polyetheretherketone Composites, Containing Huntite and Alumina Platelets. *Journal of the Electrochemical Society*, **2015**, 162, D3057-D3062	3.9	20
162	Preparation of metal–organic framework films by electrophoretic deposition method. *Materials Letters*, **2015**, 142, 19-22	3.3	46

161	Supercapacitor devices for energy storage and capacitive dye removal from aqueous solutions. *RSC Advances*, **2015**, 5, 320-327	3.7	21
160	Cellulose Nanocrystal Aerogels as Universal 3D Lightweight Substrates for Supercapacitor Materials. *Advanced Materials*, **2015**, 27, 6104-9	24	253
159	Fabrication of Tiron-doped polypyrrole/MWCNT composite electrodes with high mass loading and enhanced performance for supercapacitors. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	7
158	Influence of chemical structure of dyes on capacitive dye removal from solutions. *Electrochimica Acta*, **2015**, 174, 588-595	6.7	30
157	Electrochemical supercapacitor based on multiferroic BiMn 2 O 5. *Journal of Power Sources*, **2015**, 284, 377-382	8.9	25
156	Film deposition mechanisms and properties of optically active chelating polymer and composites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 487, 17-25	5.1	9
155	Density functional theory and experimental studies of caffeic acid adsorption on zinc oxide and titanium dioxide nanoparticles. *RSC Advances*, **2015**, 5, 106877-106885	3.7	39
154	Electrodeposition of Carbon Nanotubes Triggered by Cathodic and Anodic Reactions of Dispersants. *Materials and Manufacturing Processes*, **2015**, 30, 771-777	4.1	8
153	Asymmetric electrochemical supercapacitor, based on polypyrrole coated carbon nanotube electrodes. *Applied Energy*, **2015**, 153, 48-55	10.7	67
152	Asymmetric Supercapacitors Based on Activated-Carbon-Coated Carbon Nanotubes. *ChemElectroChem*, **2015**, 2, 396-403	4.3	41
151	Influence of Dopants on Performance of Polypyrrole Coated Carbon Nanotube Electrodes and Devices. *Journal of the Electrochemical Society*, **2015**, 162, A5013-A5019	3.9	10
150	A review of new methods of surface chemical modification, dispersion and electrophoretic deposition of metal oxide particles. *RSC Advances*, **2014**, 4, 22716	3.7	132
149	Anionic dopant□dispersants for synthesis of polypyrrole coated carbon nanotubes and fabrication of supercapacitor electrodes with high active mass loading. *Journal of Materials Chemistry A*, **2014**, 2, 14666	13	39
148	Surface modification and cathodic electrophoretic deposition of ceramic materials and composites using celestine blue dye. *RSC Advances*, **2014**, 4, 29652	3.7	15
147	Polypyrrole coated carbon nanotubes for supercapacitor devices with enhanced electrochemical performance. *Journal of Power Sources*, **2014**, 268, 233-239	8.9	64
146	Polypyrrole coated carbon nanotubes for supercapacitors, prepared using indigo carmine as a dispersant and dopant. *Materials Letters*, **2014**, 135, 47-50	3.3	26
145	Aqueous electrostatic dispersion and heterocoagulation of multiwalled carbon nanotubes and manganese dioxide for the fabrication of supercapacitor electrodes and devices. *RSC Advances*, **2014**, 4, 45481-45489	3.7	13
144	Electrophoretic deposition of composite halloysite nanotube□hydroxyapatite□hyaluronic acid films. *Journal of Alloys and Compounds*, **2014**, 586, S531-S534	5.7	39

143	New colloidal route for electrostatic assembly of oxide nanoparticle–carbon nanotube composites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 446, 15-22	5.1	21
142	Activated Carbon-Coated Carbon Nanotubes for Energy Storage in Supercapacitors and Capacitive Water Purification. *ACS Sustainable Chemistry and Engineering*, **2014**, 2, 1289-1298	8.3	160
141	Hybrid MnO2/carbon nanotube-VN/carbon nanotube supercapacitors. *Journal of Power Sources*, **2014**, 267, 235-242	8.9	74
140	Pulse Electrosynthesis of MnO2 Electrodes for Supercapacitors. *Advanced Engineering Materials*, **2014**, 16, 760-766	3.5	16
139	Electrophoretic deposition of manganese dioxide films using new dispersing agents. *Advances in Applied Ceramics*, **2014**, 113, 22-27	2.3	7
138	Capacitive behaviour of polypyrrole, prepared by electrochemical and chemical methods. *Materials Letters*, **2014**, 125, 92-95	3.3	12
137	Electrophoretic deposition of graphene, carbon nanotubes and composite films using methyl violet dye as a dispersing agent. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 436, 97-103	5.1	49
136	Electrophoretic nanotechnology of graphene-carbon nanotube and graphene-polypyrrole nanofiber composites for electrochemical supercapacitors. *Journal of Colloid and Interface Science*, **2013**, 407, 474-81	9.3	61
135	Surface modification of MnO2 and carbon nanotubes using organic dyes for nanotechnology of electrochemical supercapacitors. *Journal of Materials Chemistry A*, **2013**, 1, 12519	13	38
134	Electrophoretic assembly of organic molecules and composites for electrochemical supercapacitors. *Journal of Colloid and Interface Science*, **2013**, 392, 247-255	9.3	17
133	Influence of dopant structure and charge on supercapacitive behavior of polypyrrole electrodes with high mass loading. *Synthetic Metals*, **2013**, 185-186, 126-132	3.6	21
132	Preparation of MnO2 and Composites for Ultracapacitors. *Materials and Manufacturing Processes*, **2013**, 130219154846008	4.1	1
131	Fabrication of polypyrrole-coated carbon nanotubes using oxidant-surfactant nanocrystals for supercapacitor electrodes with high mass loading and enhanced performance. *ACS Applied Materials & Interfaces*, **2013**, 5, 13161-70	9.5	53
130	Polypyrrole electrodes doped with sulfanilic acid azochromotrop for electrochemical supercapacitors. *Journal of Power Sources*, **2013**, 243, 865-871	8.9	40
129	Electrophoretic deposition of linear polyethylenimine and composite films. *Surface Engineering*, **2013**, 29, 495-499	2.6	12
128	Polypyrrole nanofiber–carbon nanotube electrodes for supercapacitors with high mass loading obtained using an organic dye as a co-dispersant. *Journal of Materials Chemistry A*, **2013**, 1, 11614	13	84
127	Dispersing agents for electrophoretic deposition of TiO2 and TiO2–carbon nanotube composites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 418, 131-138	5.1	20
126	Influence of dopants and carbon nanotubes on polypyrrole electropolymerization and capacitive behavior. *Materials Letters*, **2013**, 98, 67-70	3.3	39

125	Characterization of Ni plaque based polypyrrole electrodes prepared by pulseelectropolymerization. *Materials Letters*, **2013**, 96, 135-138	3.3	6
124	Influence of current collector on capacitive behavior and cycling stability of Tiron doped polypyrrole electrodes. *Journal of Power Sources*, **2013**, 240, 42-49	8.9	62
123	Electrophoretic nanotechnology of composite electrodes for electrochemical supercapacitors. *Journal of Physical Chemistry B*, **2013**, 117, 1563-70	3.4	19
122	Cataphoretic assembly of cationic dyes and deposition of carbon nanotube and graphene films. *Journal of Colloid and Interface Science*, **2013**, 399, 46-53	9.3	19
121	Electrodeposition of polypyrrole–carbon nanotube composites for electrochemical supercapacitors. *Journal of Power Sources*, **2013**, 221, 49-56	8.9	91
120	Electrophoretic and Electrolytic Deposition of Ceramic Films **2013**, 263-275		
119	Electrophoretic deposition of TiO2 nanoparticles using organic dyes. *Journal of Colloid and Interface Science*, **2012**, 369, 395-401	9.3	22
118	Bio-inspired catechol chemistry for electrophoretic nanotechnology of oxide films. *Journal of Colloid and Interface Science*, **2012**, 380, 8-15	9.3	16
117	Electrophoretic deposition of composite films from solutions of conjugated polymers and their supramolecular complexes with carbon nanotubes. *Materials Letters*, **2012**, 67, 248-251	3.3	15
116	Effect of 5-sulfosalicylic acid and poly[2,5-bis(3-sulfonatopropoxy)-1,4-ethynylphenylene-alt-1,4-ethynylphenylene] on electrodeposition of polypyrrole–carbon nanotube films on stainless steel. *Materials Letters*, **2012**, 68, 24-27	3.3	22
115	Electrophoretic deposition of titanium dioxide using organic acids as charging additives. *Materials Letters*, **2012**, 73, 190-193	3.3	17
114	Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by electropolymerization. *Materials Letters*, **2012**, 76, 15-17	3.3	24
113	Electropolymerization of polypyrrole films on stainless steel substrates for electrodes of electrochemical supercapacitors. *Synthetic Metals*, **2012**, 162, 868-872	3.6	33
112	Electrophoretic deposition of composite chitosan–halloysite nanotube–hydroxyapatite films. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 410, 38-44	5.1	62
111	Conjugated polyelectrolyte complexes with single-walled carbon nanotubes for amperometric detection of glucose with inherent anti-interference properties. *Journal of Materials Chemistry*, **2012**, 22, 9147		20
110	Electrophoretic deposition of graphene, carbon nanotubes and composites using aluminon as charging and film forming agent. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 398, 9-16	5.1	39
109	Electrophoretic deposition of polymer and composite films. *Surface Engineering*, **2012**, 28, 585-589	2.6	8
108	Electrophoretic nanotechnology of ceramic films. *Advances in Applied Ceramics*, **2012**, 111, 345-350	2.3	12

107	Electrophoretic Deposition of Organic - Inorganic Composites for Biomedical Applications. *Materials Science Forum*, **2012**, 706-709, 617-622	0.4	2
106	Fabrication of Ni-Plaque-Based Manganese Dioxide Electrodes for Electrochemical Supercapacitors. *Materials and Manufacturing Processes*, **2011**, 26, 846-854	4.1	11
105	Electrophoretic deposition of silica–hyaluronic acid and titania–hyaluronic acid nanocomposites. *Journal of Alloys and Compounds*, **2011**, 509, S510-S513	5.7	33
104	Electrophoretic Deposition of Ceramic Nanoparticles. *International Journal of Applied Ceramic Technology*, **2011**, 8, 920-927	2	28
103	Electrodeposition of cerium oxide films and composites. *Surface and Coatings Technology*, **2011**, 206, 1-7	4.4	29
102	Electrophoretic deposition of poly[3-(3-N,N-diethylaminopropoxy)thiophene] and composite films. *Materials Chemistry and Physics*, **2011**, 125, 210-218	4.4	17
101	Electrodeposition of polypyrrole-heparin and polypyrrole-hydroxyapatite films. *Materials Letters*, **2011**, 65, 681-684	3.3	17
100	Electrodeposition of chitosan–haemoglobin films. *Materials Letters*, **2011**, 65, 1463-1465	3.3	32
99	Cathodic electrodeposition of Ag-doped manganese dioxide films for electrodes of electrochemical supercapacitors. *Materials Letters*, **2011**, 65, 1759-1761	3.3	64
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