

# Zeeshan Ahmad

## 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.

144  
papers

3,452  
citations

34  
h-index

49  
g-index

152  
ext. papers

3,928  
ext. citations

5.4  
avg. IF

5.54  
L-index

#	Paper	IF	Citations
144	Evaluation of sustained-release in-situ injectable gels, containing naproxen sodium, using in vitro, in silico and in vivo analysis.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 616, 121512	6.5	3
143	Electrostatic Jet Engineering of Flexible Composite Pressure Sensors for Physical Applications. <i>ACS Applied Polymer Materials</i> , <b>2022</b> , 4, 868-878	4.3	0
142	Controlled engineering of multifunctional porous structures using tri-needle co-axial electrohydrodynamic flow and sacrificial media. <i>Chemical Engineering Journal</i> , <b>2022</b> , 429, 132221	14.7	0
141	Design and evaluation of agarose based buccal films containing zolmitriptan succinate: Application of physical and chemical enhancement approaches. <i>Journal of Drug Delivery Science and Technology</i> , <b>2022</b> , 69, 103041	4.5	1
140	A review of emerging technologies enabling improved solid oral dosage form manufacturing and processing. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 178, 113840	18.5	5
139	Fabrication and characterisation of self-applicating heparin sodium microneedle patches. <i>Journal of Drug Targeting</i> , <b>2021</b> , 29, 60-68	5.4	12
138	Development of Water-Soluble Electrospun Fibers for the Oral Delivery of Cannabinoids. <i>AAPS PharmSciTech</i> , <b>2021</b> , 22, 23	3.9	3
137	Recent applications of electrical, centrifugal, and pressurised emerging technologies for fibrous structure engineering in drug delivery, regenerative medicine and theranostics. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 175, 113823	18.5	11
136	Electrohydrodynamic atomisation driven design and engineering of opportunistic particulate systems for applications in drug delivery, therapeutics and pharmaceuticals. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 176, 113788	18.5	4
135	Engineered mucoadhesive microparticles of formoterol/budesonide for pulmonary administration. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 165, 105955	5.1	0
134	Antibiofilm Effects of Macrolide Loaded Microneedle Patches: Prospects in Healing Infected Wounds. <i>Pharmaceutical Research</i> , <b>2021</b> , 38, 165-177	4.5	9
133	Extraction of triterpenoid compounds from spore powder through a dual-mode sonication process. <i>Drug Development and Industrial Pharmacy</i> , <b>2020</b> , 46, 963-974	3.6	1
132	Electrospun Orodispersible Films of Isoniazid for Pediatric Tuberculosis Treatment. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	19
131	Application of mesoporous silica nanoparticles as drug delivery carriers for chemotherapeutic agents. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 1513-1520	8.8	44
130	A core-shell multi-drug platform to improve gastrointestinal tract microbial health using 3D printing. <i>Biofabrication</i> , <b>2020</b> , 12, 025026	10.5	16
129	Optimization conversion of chitosan from Ganoderma lucidum spore powder using ultrasound-assisted deacetylation: Influence of processing parameters. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14297	2.1	0
128	Engineering and characterisation of BCG-loaded polymeric microneedles. <i>Journal of Drug Targeting</i> , <b>2020</b> , 28, 525-532	5.4	20

127	Preparation and characterization of indomethacin loaded films by piezoelectric inkjet printing: a personalized medication approach. <i>Pharmaceutical Development and Technology</i> , <b>2020</b> , 25, 197-205	3.4	6
126	Production of triterpenoid compounds from spore powder using ultrasound-assisted extraction. <i>Preparative Biochemistry and Biotechnology</i> , <b>2020</b> , 50, 302-315	2.4	6
125	Fabrication of flexible composite drug films via foldable linkages using electrohydrodynamic printing. <i>Materials Science and Engineering C</i> , <b>2020</b> , 108, 110393	8.3	16
124	COVID-19: Current Developments and Further Opportunities in Drug Delivery and Therapeutics. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	9
123	Electrospinning/electrospraying coatings for metal microneedles: A design of experiments (DOE) and quality by design (QbD) approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 156, 20-39	5.7	10
122	Novel core-shell fiber delivery system for synergistic treatment of cervical cancer. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 59, 101865	4.5	3
121	Microparticle Formation via Tri-needle Coaxial Electrospray at Stable Jetting Modes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 14423-14432	3.9	5
120	Engineering and Development of Chitosan-Based Nanocoatings for Ocular Contact Lenses. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 1540-1551	3.9	17
119	Broad Scale and Structure Fabrication of Healthcare Materials for Drug and Emerging Therapies via Electrohydrodynamic Techniques. <i>Advanced Therapeutics</i> , <b>2019</b> , 2, 1800024	4.9	25
118	Engineering of Ganoderma lucidum polysaccharide loaded polyvinyl alcohol nanofibers for biopharmaceutical delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 50, 208-216	4.5	16
117	Development of Ganoderma lucidum spore powder based proteoglycan and its application in hyperglycemic, antitumor and antioxidant function. <i>Process Biochemistry</i> , <b>2019</b> , 84, 103-111	4.8	10
116	Assessing the ex vivo permeation behaviour of functionalised contact lens coatings engineered using an electrohydrodynamic technique. <i>JPhys Materials</i> , <b>2019</b> , 2, 014002	4.2	2
115	Porous Yolk-Shell Particle Engineering via Nonsolvent-Assisted Trineedle Coaxial Electrospaying for Burn-Related Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 7823-7835	9.5	19
114	In Vitro and Ex Vivo Evaluation of Tablets Containing Piroxicam-Cyclodextrin Complexes for Buccal Delivery. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	7
113	Engineering optimisation of commercial facemask formulations capable of improving skin moisturisation. <i>International Journal of Cosmetic Science</i> , <b>2019</b> , 41, 462-471	2.7	7
112	3D electrohydrodynamic printing of highly aligned dual-core graphene composite matrices. <i>Carbon</i> , <b>2019</b> , 153, 285-297	10.4	25
111	A novel core-shell nanofiber drug delivery system intended for the synergistic treatment of melanoma. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 137, 105002	5.1	27
110	Improved transdermal delivery of cetirizine hydrochloride using polymeric microneedles. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 27, 673-681	3.9	15

109	Engineering On-Demand Magnetic CoreShell Composite Wound Dressing Matrices via Electrohydrodynamic Micro-Scale Printing. <i>Advanced Engineering Materials</i> , <b>2019</b> , 21, 1900699	3.5	10
108	Transdermal Microneedles-A Materials Perspective. <i>AAPS PharmSciTech</i> , <b>2019</b> , 21, 12	3.9	33
107	Quality by Design Micro-Engineering Optimisation of NSAID-Loaded Electrospun Fibrous Patches. <i>Pharmaceutics</i> , <b>2019</b> , 12,	6.4	2
106	A novel approach for tailored medicines: Direct writing of Janus fibers. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 50, 372-379	4.5	16
105	Effect of Spray-Drying and Electro spraying as Drying Techniques on Lysozyme Characterisation <b>2019</b> ,		1
104	Fabrication of patterned three-dimensional micron scaled core-sheath architectures for drug patches. <i>Materials Science and Engineering C</i> , <b>2019</b> , 97, 776-783	8.3	23
103	Dual rotation centrifugal electrospinning: a novel approach to engineer multi-directional and layered fiber composite matrices. <i>Drug Delivery and Translational Research</i> , <b>2019</b> , 9, 204-214	6.2	10
102	Pharmacological effects of natural Ganoderma and its extracts on neurological diseases: A comprehensive review. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 121, 1160-1178	7.9	37
101	Elastic antibacterial membranes comprising particulate laden fibers for wound healing applications. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47105	2.9	4
100	Development of random and ordered composite fiber hybrid technologies for controlled release functions. <i>Chemical Engineering Journal</i> , <b>2018</b> , 343, 379-389	14.7	22
99	Development of paracetamol-caffeine co-crystals to improve compressional, formulation and in vivo performance. <i>Drug Development and Industrial Pharmacy</i> , <b>2018</b> , 44, 1099-1108	3.6	9
98	Electrosprayed mesoporous particles for improved aqueous solubility of a poorly water soluble anticancer agent: in vitro and ex vivo evaluation. <i>Journal of Controlled Release</i> , <b>2018</b> , 278, 142-155	11.7	47
97	Improvement of solubility, dissolution and stability profile of artemether solid dispersions and self emulsified solid dispersions by solvent evaporation method. <i>Pharmaceutical Development and Technology</i> , <b>2018</b> , 23, 1007-1015	3.4	8
96	Designer fibers from 2D to 3D Simultaneous and controlled engineering of morphology, shape and size. <i>Chemical Engineering Journal</i> , <b>2018</b> , 334, 89-98	14.7	34
95	Stable increased formulation atomization using a multi-tip nozzle device. <i>Drug Delivery and Translational Research</i> , <b>2018</b> , 8, 1815-1827	6.2	5
94	Co-printing of vertical axis aligned micron-scaled filaments via simultaneous dual needle electrohydrodynamic printing. <i>European Polymer Journal</i> , <b>2018</b> , 104, 81-89	5.2	9
93	Controlled engineering of highly aligned fibrous dosage form matrices for controlled release. <i>Materials Letters</i> , <b>2018</b> , 232, 134-137	3.3	5
92	Targeting oxidative stress using tri-needle electro spray engineered Ganoderma lucidum polysaccharide-loaded porous yolk-shell particles. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 125, 64-73	5.1	16

91	Synthesis and Evaluation of Herbal Chitosan from Ganoderma Lucidum Spore Powder for Biomedical Applications. <i>Scientific Reports</i> , <b>2018</b> , 8, 14608	4.9	12
90	Fabrication of stacked-ring netted tubular constructs via 3D template electrohydrodynamic printing. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 11943-11950	4.3	4
89	Development and characterisation of cellulose based electrospun mats for buccal delivery of non-steroidal anti-inflammatory drug (NSAID). <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 102, 147-155	5.1	32
88	Impact of substrate geometry on electrospun fiber deposition and alignment. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	5
87	Porous Inorganic Drug Delivery Systems-a Review. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 1507-1525	3.9	40
86	Facile Preparation of Drug-Loaded Tristearin Encapsulated Superparamagnetic Iron Oxide Nanoparticles Using Coaxial Electrospray Processing. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 2010-2023	5.6	49
85	Electrically atomised formulations of timolol maleate for direct and on-demand ocular lens coatings. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 119, 170-184	5.7	28
84	Tri-Needle Coaxial Electrospray Engineering of Magnetic Polymer Yolk-Shell Particles Possessing Dual-Imaging Modality, Multiagent Compartments, and Trigger Release Potential. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 21485-21495	9.5	56
83	Ganoderma lucidum polysaccharide loaded sodium alginate micro-particles prepared via electro spraying in controlled deposition environments. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 524, 148-158	6.5	40
82	Preparation of active 3D film patches via aligned fiber electrohydrodynamic (EHD) printing. <i>Scientific Reports</i> , <b>2017</b> , 7, 43924	4.9	67
81	Approaches in topical ocular drug delivery and developments in the use of contact lenses as drug-delivery devices. <i>Therapeutic Delivery</i> , <b>2017</b> , 8, 521-541	3.8	14
80	Fibrous polymeric buccal film formulation, engineering and bio-interface assessment. <i>European Polymer Journal</i> , <b>2017</b> , 97, 147-157	5.2	11
79	Development and characterisation of electrospun timolol maleate-loaded polymeric contact lens coatings containing various permeation enhancers. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 532, 408-420	6.5	39
78	Silica nanospheres entrapped with ultra-small luminescent crystals for protein delivery. <i>Chemical Engineering Journal</i> , <b>2017</b> , 330, 166-174	14.7	9
77	Multi-compartment centrifugal electrospinning based composite fibers. <i>Chemical Engineering Journal</i> , <b>2017</b> , 330, 541-549	14.7	26
76	Surface modified electrospun porous magnetic hollow fibers using secondary downstream collection solvent contouring. <i>Materials Letters</i> , <b>2017</b> , 204, 73-76	3.3	17
75	Pharmaceutical and biomaterial engineering via electrohydrodynamic atomization technologies. <i>Drug Discovery Today</i> , <b>2017</b> , 22, 157-165	8.8	85
74	Mass and controlled fabrication of aligned PVP fibers for matrix type antibiotic drug delivery systems. <i>Chemical Engineering Journal</i> , <b>2017</b> , 307, 661-669	14.7	61

73	Controlled Morphing of Microbubbles to Beaded Nanofibers via Electrically Forced Thin Film Stretching. <i>Polymers</i> , <b>2017</b> , 9,	4-5	8
72	Essential Oil Bioactive Fibrous Membranes Prepared via Coaxial Electrospinning. <i>Journal of Food Science</i> , <b>2017</b> , 82, 1412-1422	3-4	37
71	Regulating poly-caprolactone fiber characteristics in-situ during one-step coaxial electrospinning via enveloping liquids. <i>Materials Letters</i> , <b>2016</b> , 183, 202-206	3-3	24
70	Janus particle synthesis via aligned non-concentric angular nozzles and electrohydrodynamic co-flow for tunable drug release. <i>RSC Advances</i> , <b>2016</b> , 6, 77174-77178	3-7	10
69	Hollow polycaprolactone composite fibers for controlled magnetic responsive antifungal drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 145, 757-767	6	54
68	Fabrication of patterned polymer-antibiotic composite fibers via electrohydrodynamic (EHD) printing. <i>Journal of Drug Delivery Science and Technology</i> , <b>2016</b> , 35, 114-123	4-5	35
67	Optimising the shell thickness-to-radius ratio for the fabrication of oil-encapsulated polymeric microspheres. <i>Chemical Engineering Journal</i> , <b>2016</b> , 284, 963-971	14-7	48
66	Formulation and evaluation of anti-rheumatic dexibuprofen transdermal patches: a quality-by-design approach. <i>Journal of Drug Targeting</i> , <b>2016</b> , 24, 603-12	5-4	20
65	Polymeric Based Therapeutic Delivery Systems Prepared Using Electrohydrodynamic Processes. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 2873-85	3-3	1
64	Continuous micron-scaled rope engineering using a rotating multi-nozzle electrospinning emitter. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 151903	3-4	12
63	Core-shell SrTiO <sub>3</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> @mSiO <sub>2</sub> nanoparticles for controlled and monitored doxorubicin delivery. <i>RSC Advances</i> , <b>2016</b> , 6, 26280-26287	3-7	3
62	Magnetic-responsive microparticles with customized porosity for drug delivery. <i>RSC Advances</i> , <b>2016</b> , 6, 88157-88167	3-7	29
61	Development of an ANN optimized mucoadhesive buccal tablet containing flurbiprofen and lidocaine for dental pain. <i>Acta Pharmaceutica</i> , <b>2016</b> , 66, 245-56	3-2	10
60	Encapsulation of rose hip seed oil into fibrous zein films for ambient and on demand food preservation via coaxial electrospinning. <i>Journal of Food Engineering</i> , <b>2016</b> , 191, 115-123	6	76
59	Synthesis of porous CaTiO <sub>3</sub> nanotubes with tunable hollow structures via single-nozzle electrospinning. <i>Materials Letters</i> , <b>2015</b> , 152, 82-85	3-3	19
58	New platforms for multi-functional ocular lenses: engineering double-sided functionalized nano-coatings. <i>Journal of Drug Targeting</i> , <b>2015</b> , 23, 305-10	5-4	15
57	Stable single device multi-pore electrospaying of polymeric microparticles via controlled electrostatic interactions. <i>RSC Advances</i> , <b>2015</b> , 5, 87919-87923	3-7	18
56	Hollow-layered nanoparticles for therapeutic delivery of peptide prepared using electrospaying. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2015</b> , 26, 256	4-5	22

55	Near-infrared luminescent CaTiO:Nd nanofibers with tunable and trackable drug release kinetics. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 7449-7456	7.3	32
54	Microneedle Coating Techniques for Transdermal Drug Delivery. <i>Pharmaceutics</i> , <b>2015</b> , 7, 486-502	6.4	78
53	Tuning Microparticle Porosity during Single Needle Electrospinning Synthesis via a Non-Solvent-Based Physicochemical Approach. <i>Polymers</i> , <b>2015</b> , 7, 2701-2710	4.5	27
52	Nanoparticles of alkylglyceryl-dextran-graft-poly(lactic acid) for drug delivery to the brain: Preparation and in vitro investigation. <i>Acta Biomaterialia</i> , <b>2015</b> , 23, 250-262	10.8	36
51	Morphology control of electrospun core-shell particles via collection media variation. <i>Materials Letters</i> , <b>2015</b> , 146, 59-64	3.3	24
50	EHDA Spraying: A Multi-Material Nano-Engineering Route. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 3239-37	3.3	8
49	Electrohydrodynamic Preparation of Nanomedicines. <i>Current Topics in Medicinal Chemistry</i> , <b>2015</b> , 15, 2316-27	3	5
48	Electrospun PVP-indomethacin constituents for transdermal dressings and drug delivery devices. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 473, 95-104	6.5	67
47	Preparation and evaluation of cerium oxide-bovine hydroxyapatite composites for biomedical engineering applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2014</b> , 35, 70-6	4.1	33
46	Smart microneedle coatings for controlled delivery and biomedical analysis. <i>Journal of Drug Targeting</i> , <b>2014</b> , 22, 790-5	5.4	41
45	Utilization of microfluidic V-junction device to prepare surface itraconazole adsorbed nanospheres. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 472, 339-46	6.5	10
44	A feasible approach toward bioactive glass nanofibers with tunable protein release kinetics for bone scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 122, 785-791	6	19
43	Preparation and characterization of multiactive electrospun fibers: poly-ε-caprolactone fibers loaded with hydroxyapatite and selected NSAIDs. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 2583-9	5.4	10
42	Electrohydrodynamic printing of silk fibroin. <i>Macromolecular Research</i> , <b>2013</b> , 21, 339-342	1.9	6
41	Novel electrically driven direct-writing methods with managed control on in-situ shape and encapsulation polymer forming. <i>International Journal of Material Forming</i> , <b>2013</b> , 6, 281-288	2	5
40	Continuous generation of ethyl cellulose drug delivery nanocarriers from microbubbles. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 225-37	4.5	34
39	Spatial and temporal evaluation of cell attachment to printed polycaprolactone microfibrils. <i>Acta Biomaterialia</i> , <b>2013</b> , 9, 5052-62	10.8	12
38	Electrohydrodynamic bubbling: an alternative route to fabricate porous structures of silk fibroin based materials. <i>Biomacromolecules</i> , <b>2013</b> , 14, 1412-22	6.9	30

37	Stratified scaffolds for osteochondral tissue engineering applications: electrospun PDLLA nanofibre coated Bioglass <sup>®</sup> -derived foams. <i>Journal of Biomaterials Applications</i> , <b>2013</b> , 27, 537-51	2.9	48
36	A Review of Nanoparticle Functionality and Toxicity on the Central Nervous System <b>2013</b> , 313-332		3
35	Hot electrospinning of polyurethane fibres. <i>Materials Letters</i> , <b>2012</b> , 68, 482-485	3.3	10
34	A device for the fabrication of multifunctional particles from microbubble suspensions. <i>Materials Science and Engineering C</i> , <b>2012</b> , 32, 1005-1010	8.3	9
33	Antimicrobial properties of electrically formed elastomeric polyurethane-copper oxide nanocomposites for medical and dental applications. <i>Methods in Enzymology</i> , <b>2012</b> , 509, 87-99	1.7	29
32	Sintering Effect on Boron Based Bioglass Doped Composites of Bovine Hydroxyapatite. <i>Advanced Materials Research</i> , <b>2012</b> , 445, 982-987	0.5	3
31	Bioinspired bubble design for particle generation. <i>Journal of the Royal Society Interface</i> , <b>2012</b> , 9, 389-95	4.1	12
30	How do microbubbles and ultrasound interact? Basic physical, dynamic and engineering principles. <i>Current Pharmaceutical Design</i> , <b>2012</b> , 18, 2118-34	3.3	44
29	Forming of Protein Bubbles and Porous Films Using Co-Axial Electrohydrodynamic Flow Processing. <i>Macromolecular Materials and Engineering</i> , <b>2011</b> , 296, 8-13	3.9	12
28	Direct Writing of Polycaprolactone Polymer for Potential Biomedical Engineering Applications. <i>Advanced Engineering Materials</i> , <b>2011</b> , 13, B296-B305	3.5	36
27	Nanoparticle delivery systems formed using electrically sprayed co-flowing excipients and active agent. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 782-93	4	7
26	Fabrication of biomaterials via controlled protein bubble generation and manipulation. <i>Biomacromolecules</i> , <b>2011</b> , 12, 4291-300	6.9	32
25	Nano-Bioceramics Production from Razor Shell. <i>Key Engineering Materials</i> , <b>2011</b> , 493-494, 775-780	0.4	5
24	Size mapping of electric field-assisted production of polycaprolactone particles. <i>Journal of the Royal Society Interface</i> , <b>2010</b> , 7 Suppl 4, S393-402	4.1	36
23	Ceramic encapsulation with polymer via co-axial electrohydrodynamic jetting. <i>Journal of Microencapsulation</i> , <b>2010</b> , 27, 542-51	3.4	5
22	A review of nanoparticle functionality and toxicity on the central nervous system. <i>Journal of the Royal Society Interface</i> , <b>2010</b> , 7 Suppl 4, S411-22	4.1	173
21	One-step electrohydrodynamic production of drug-loaded micro- and nanoparticles. <i>Journal of the Royal Society Interface</i> , <b>2010</b> , 7, 667-75	4.1	89
20	The role of surface wettability and surface charge of electrospayed nanoapatites on the behaviour of osteoblasts. <i>Acta Biomaterialia</i> , <b>2010</b> , 6, 750-5	10.8	75



19	Electrohydrodynamic Direct Writing of Biomedical Polymers and Composites. <i>Macromolecular Materials and Engineering</i> , <b>2010</b> , 295, 315-319	3.9	65
18	Generation of ceramic-ceramic layered composite microstructures using electrohydrodynamic co-axial flow. <i>Ceramics International</i> , <b>2010</b> , 36, 1217-1223	5.1	4
17	Reinforcing of Biologically Derived Apatite with Commercial Inert Glass. <i>Journal of Thermoplastic Composite Materials</i> , <b>2009</b> , 22, 407-419	1.9	14
16	Electrohydrodynamic forming of porous ceramic capsules from a preceramic polymer. <i>Materials Letters</i> , <b>2009</b> , 63, 483-485	3.3	35
15	Fabrication and characterization of electrospun poly-DL-lactide (PDLLA) fibrous coatings on 45S5 Bioglass <sup>®</sup> substrates for bone tissue engineering applications. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2009</b> , 85, 768-774	3.5	30
14	Engineering a material for biomedical applications with electric field assisted processing. <i>Applied Physics A: Materials Science and Processing</i> , <b>2009</b> , 97, 31-37	2.6	31
13	Novel preparation of transdermal drug-delivery patches and functional wound healing materials. <i>Journal of Drug Targeting</i> , <b>2009</b> , 17, 724-9	5.4	31
12	Electrohydrodynamic jetting behaviour of polyhedral oligomeric silsesquioxane nanocomposite. <i>Journal of Biomaterials Applications</i> , <b>2009</b> , 23, 293-309	2.9	21
11	Preparation of polymeric carriers for drug delivery with different shape and size using an electric jet. <i>Current Pharmaceutical Biotechnology</i> , <b>2009</b> , 10, 600-8	2.6	41
10	Generation of multilayered structures for biomedical applications using a novel tri-needle coaxial device and electrohydrodynamic flow. <i>Journal of the Royal Society Interface</i> , <b>2008</b> , 5, 1255-61	4.1	101
9	Preparation of polymeric and ceramic porous capsules by a novel electrohydrodynamic process. <i>Pharmaceutical Development and Technology</i> , <b>2008</b> , 13, 425-32	3.4	32
8	The role of electrosprayed apatite nanocrystals in guiding osteoblast behaviour. <i>Biomaterials</i> , <b>2008</b> , 29, 1833-43	15.6	64
7	Deposition of nano-hydroxyapatite particles utilising direct and transitional electrohydrodynamic processes. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2008</b> , 19, 3093-104	4.5	31
6	Influence of nanohydroxyapatite patterns deposited by electrohydrodynamic spraying on osteoblast response. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2008</b> , 85, 188-94	5.4	32
5	Novel Electrohydrodynamic Printing of Nanocomposite Biopolymer Scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2007</b> , 22, 265-280	2	61
4	Bioactivity of Nanoapatite Produced by Electrohydrodynamic Atomization. <i>Journal of Bionanoscience</i> , <b>2007</b> , 1, 60-63		11
3	Electrohydrodynamic coating of metal with nano-sized hydroxyapatite. <i>Bio-Medical Materials and Engineering</i> , <b>2007</b> , 17, 335-46	1	11
2	Electrohydrodynamic Print-Patterning of Nano-Hydroxyapatite. <i>Journal of Biomedical Nanotechnology</i> , <b>2006</b> , 2, 201-207	4	29

- 1 Facile Ceramic Micro-Structure Generation Using Electrohydrodynamic Processing and Pyrolysis.  
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