

# Zeeshan Ahmad

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1851288/zeeshan-ahmad-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
143	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
142	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
141	Pharmaceutical and biomaterial engineering via electrohydrodynamic atomization technologies. <i>Drug Discovery Today</i> , <b>2017</b> , 22, 157-165	8.8	85
140	Microneedle Coating Techniques for Transdermal Drug Delivery. <i>Pharmaceutics</i> , <b>2015</b> , 7, 486-502	6.4	78
139	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
138	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
137	Preparation of active 3D film patches via aligned fiber electrohydrodynamic (EHD) printing. <i>Scientific Reports</i> , <b>2017</b> , 7, 43924	4.9	67
136	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
135	Electrohydrodynamic Direct Writing of Biomedical Polymers and Composites. <i>Macromolecular Materials and Engineering</i> , <b>2010</b> , 295, 315-319	3.9	65
134	The role of electrospayed apatite nanocrystals in guiding osteoblast behaviour. <i>Biomaterials</i> , <b>2008</b> , 29, 1833-43	15.6	64
133	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
132	Novel Electrohydrodynamic Printing of Nanocomposite Biopolymer Scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2007</b> , 22, 265-280	2	61
131	Tri-Needle Coaxial Electro Spray 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
130	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
129	Facile Preparation of Drug-Loaded Tristearin Encapsulated Superparamagnetic Iron Oxide Nanoparticles Using Coaxial Electro Spray Processing. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 2010-2023	5.6	49
128	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

127	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
126	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
125	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
124	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
123	Smart microneedle coatings for controlled delivery and biomedical analysis. <i>Journal of Drug Targeting</i> , <b>2014</b> , 22, 790-5	5.4	41
122	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
121	Porous Inorganic Drug Delivery Systems-a Review. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 1507-1525	3.9	40
120	Ganoderma lucidum polysaccharide loaded sodium alginate micro-particles prepared via electrospraying in controlled deposition environments. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 524, 148-158	6.5	40
119	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
118	Essential Oil Bioactive Fibrous Membranes Prepared via Coaxial Electrospinning. <i>Journal of Food Science</i> , <b>2017</b> , 82, 1412-1422	3.4	37
117	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
116	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
115	Direct Writing of Polycaprolactone Polymer for Potential Biomedical Engineering Applications. <i>Advanced Engineering Materials</i> , <b>2011</b> , 13, B296-B305	3.5	36
114	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
113	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
112	Electrohydrodynamic forming of porous ceramic capsules from a preceramic polymer. <i>Materials Letters</i> , <b>2009</b> , 63, 483-485	3.3	35
111	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
110	Continuous generation of ethyl cellulose drug delivery nanocarriers from microbubbles. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 225-37	4.5	34

109	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
108	Transdermal Microneedles-A Materials Perspective. <i>AAPS PharmSciTech</i> , <b>2019</b> , 21, 12	3.9	33
107	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
106	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
105	Fabrication of biomaterials via controlled protein bubble generation and manipulation. <i>Biomacromolecules</i> , <b>2011</b> , 12, 4291-300	6.9	32
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	Electrohydrodynamic Print-Patterning of Nano-Hydroxyapatite. <i>Journal of Biomedical Nanotechnology</i> , <b>2006</b> , 2, 201-207	4	29
95	Magnetic-responsive microparticles with customized porosity for drug delivery. <i>RSC Advances</i> , <b>2016</b> , 6, 88157-88167	3.7	29
94	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
93	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
92	Tuning Microparticle Porosity during Single Needle Electro spraying Synthesis via a Non-Solvent-Based Physicochemical Approach. <i>Polymers</i> , <b>2015</b> , 7, 2701-2710	4.5	27

91	Multi-compartment centrifugal electrospinning based composite fibers. <i>Chemical Engineering Journal</i> , <b>2017</b> , 330, 541-549	14.7	26
90	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
89	3D electrohydrodynamic printing of highly aligned dual-core graphene composite matrices. <i>Carbon</i> , <b>2019</b> , 153, 285-297	10.4	25
88	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
87	Morphology control of electro sprayed core-shell particles via collection media variation. <i>Materials Letters</i> , <b>2015</b> , 146, 59-64	3.3	24
86	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
85	Hollow-layered nanoparticles for therapeutic delivery of peptide prepared using electro spraying. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2015</b> , 26, 256	4.5	22
84	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
83	Electrohydrodynamic jetting behaviour of polyhedral oligomeric silsesquioxane nanocomposite. <i>Journal of Biomaterials Applications</i> , <b>2009</b> , 23, 293-309	2.9	21
82	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
81	Engineering and characterisation of BCG-loaded polymeric microneedles. <i>Journal of Drug Targeting</i> , <b>2020</b> , 28, 525-532	5.4	20
80	Porous Yolk-Shell Particle Engineering via Nonsolvent-Assisted Trineedle Coaxial Electro spraying for Burn-Related Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 7823-7835	9.5	19
79	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
78	Electrospun Orodispersible Films of Isoniazid for Pediatric Tuberculosis Treatment. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	19
77	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
76	Stable single device multi-pore electro spraying of polymeric microparticles via controlled electrostatic interactions. <i>RSC Advances</i> , <b>2015</b> , 5, 87919-87923	3.7	18
75	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
74	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

73	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
72	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
71	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
70	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
69	Targeting oxidative stress using tri-needle electrospray 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
68	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
67	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
66	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
65	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
64	Spatial and temporal evaluation of cell attachment to printed polycaprolactone microfibres. <i>Acta Biomaterialia</i> , <b>2013</b> , 9, 5052-62	10.8	12
63	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
62	Bioinspired bubble design for particle generation. <i>Journal of the Royal Society Interface</i> , <b>2012</b> , 9, 389-95	4.1	12
61	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
60	Fabrication and characterisation of self-applying heparin sodium microneedle patches. <i>Journal of Drug Targeting</i> , <b>2021</b> , 29, 60-68	5.4	12
59	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
58	Fibrous polymeric buccal film formulation, engineering and bio-interface assessment. <i>European Polymer Journal</i> , <b>2017</b> , 97, 147-157	5.2	11
57	Bioactivity of Nanoapatite Produced by Electrohydrodynamic Atomization. <i>Journal of Bionanoscience</i> , <b>2007</b> , 1, 60-63		11
56	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

55	Electrohydrodynamic coating of metal with nano-sized hydroxyapatite. <i>Bio-Medical Materials and Engineering</i> , <b>2007</b> , 17, 335-46	1	11
54	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
53	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
52	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
51	Hot electrospinning of polyurethane fibres. <i>Materials Letters</i> , <b>2012</b> , 68, 482-485	3.3	10
50	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
49	Preparation and characterization of multiactive electrospun fibers: poly-e-capolactone 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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	COVID-19: Current Developments and Further Opportunities in Drug Delivery and Therapeutics. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	9
40	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
39	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
38	Controlled Morphing of Microbubbles to Beaded Nanofibers via Electrically Forced Thin Film Stretching. <i>Polymers</i> , <b>2017</b> , 9,	4.5	8

37	EHDA Spraying: A Multi-Material Nano-Engineering Route. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 3239-347	5.47	8
36	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
35	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
34	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
33	Electrohydrodynamic printing of silk fibroin. <i>Macromolecular Research</i> , <b>2013</b> , 21, 339-342	1.9	6
32	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
31	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
30	Impact of substrate geometry on electrospun fiber deposition and alignment. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	5
29	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
28	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
27	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
26	Ceramic encapsulation with polymer via co-axial electrohydrodynamic jetting. <i>Journal of Microencapsulation</i> , <b>2010</b> , 27, 542-51	3.4	5
25	Nano-Bioceramics Production from Razor Shell. <i>Key Engineering Materials</i> , <b>2011</b> , 493-494, 775-780	0.4	5
24	Electrohydrodynamic Preparation of Nanomedicines. <i>Current Topics in Medicinal Chemistry</i> , <b>2015</b> , 15, 2316-27	3	5
23	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
22	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
21	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
20	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



19	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
18	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
17	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
16	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
15	A Review of Nanoparticle Functionality and Toxicity on the Central Nervous System <b>2013</b> , 313-332		3
14	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
13	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
12	Development of Water-Soluble Electrospun Fibers for the Oral Delivery of Cannabinoids. <i>AAPS PharmSciTech</i> , <b>2021</b> , 22, 23	3.9	3
11	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
10	Quality by Design Micro-Engineering Optimisation of NSAID-Loaded Electrospun Fibrous Patches. <i>Pharmaceutics</i> , <b>2019</b> , 12,	6.4	2
9	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
8	Polymeric Based Therapeutic Delivery Systems Prepared Using Electrohydrodynamic Processes. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 2873-85	3.3	1
7	Effect of Spray-Drying and Electro spraying as Drying Techniques on Lysozyme Characterisation <b>2019</b> ,		1
6	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
5	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
4	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
3	Engineered mucoadhesive microparticles of formoterol/budesonide for pulmonary administration. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 165, 105955	5.1	0
2	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

- 1 Facile Ceramic Micro-Structure Generation Using Electrohydrodynamic Processing and Pyrolysis.  
*Ceramic Transactions*,81-86

0.1