

# Lisa C Du Toit

## 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.

182  
papers

4,983  
citations

37  
h-index

65  
g-index

184  
ext. papers

5,818  
ext. citations

4.9  
avg, IF

5.74  
L-index

#	Paper	IF	Citations
182	Investigation of the 3D Printability of Covalently Cross-Linked Polypeptide-Based Hydrogels.. <i>ACS Omega</i> , <b>2022</b> , 7, 7556-7571	3.9	1
181	Fabrication and Characterisation of a Photo-Responsive, Injectable Nanosystem for Sustained Delivery of Macromolecules. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
180	Evaluation of Composition Effects on the Physicochemical and Biological Properties of Polypeptide-Based Hydrogels for Potential Application in Wound Healing. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
179	Three-dimensional printing of extracellular matrix (ECM)-mimicking scaffolds: A critical review of the current ECM materials. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2020</b> , 108, 2324-2350	5.4	25
178	Hydrogel Biomaterials for Application in Ocular Drug Delivery. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 228	5.8	52
177	Carbon Dots as Nanotherapeutics for Biomedical Application. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 2207-2221	3.3	10
176	Bioplatfrom Fabrication Approaches Affecting Chitosan-Based Interpolymer Complex Properties and Performance as Wound Dressings. <i>Molecules</i> , <b>2020</b> , 25,	4.8	11
175	Advances in Biodegradable Nano-Sized Polymer-Based Ocular Drug Delivery. <i>Polymers</i> , <b>2019</b> , 11,	4.5	31
174	Folate-decorated, endostatin-loaded, nanoparticles for anti-proliferative chemotherapy in esophageal squamous cell carcinoma. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 119, 109450	7.5	5
173	In situ thermo-co-electroresponsive mucogel for controlled release of bioactive agent. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 559, 255-270	6.5	14
172	Antineoplastic nano-lipobubbles for passively targeted ovarian cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 177, 160-168	6	2
171	Liposome-embedded, polymeric scaffold for extended delivery of galantamine. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 50, 255-265	4.5	9
170	Development of a fluid-absorptive alginate-chitosan bioplatfrom for potential application as a wound dressing. <i>Carbohydrate Polymers</i> , <b>2019</b> , 222, 114988	10.3	28
169	Preprocessing of Medical Image Data for Three-Dimensional Bioprinted Customized-Neural-Scaffolds. <i>Tissue Engineering - Part C: Methods</i> , <b>2019</b> , 25, 401-410	2.9	1
168	Ionic Liquids as Potential and Synergistic Permeation Enhancers for Transdermal Drug Delivery. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	56
167	Synthesis, Characterisation and In Vitro Permeation, Dissolution and Cytotoxic Evaluation of Ruthenium(II)-Liganded Sulpiride and Amino Alcohol. <i>Scientific Reports</i> , <b>2019</b> , 9, 4146	4.9	3
166	The Hemocompatibility of Nanoparticles: A Review of Cell-Nanoparticle Interactions and Hemostasis. <i>Cells</i> , <b>2019</b> , 8,	7.9	95

165	Design and characterisation of PHBV-magnesium oleate directional nanofibers for neurosupport. <i>Biomedical Materials (Bristol)</i> , <b>2019</b> , 14, 065015	3.5	6
164	Multifunctional Magnetic Nanowires: Design, Fabrication, and Future Prospects as Cancer Therapeutics. <i>Cancers</i> , <b>2019</b> , 11,	6.6	15
163	Functionalizing biinks for 3D bioprinting applications. <i>Drug Discovery Today</i> , <b>2019</b> , 24, 198-205	8.8	64
162	3D printed, controlled release, tritherapeutic tablet matrix for advanced anti-HIV-1 drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 138, 99-110	5.7	30
161	In vitro and in vivo evaluation of an oral Multi-Layered Multi-Disk Tablet for specialized chronotherapeutic drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 45, 39-44	4.5	1
160	In Vitro-In Vivo Evaluation of an Oral Ghost Drug Delivery Device for the Delivery of Salmon Calcitonin. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 1605-1614	3.9	2
159	Advances in patented interpenetrating polymeric networks for biomedical applications. <i>Pharmaceutical Patent Analyst</i> , <b>2018</b> , 7, 99-101	0.6	2
158	Hypothesis: apo-lactoferrin-Galantamine Proteo-alkaloid Conjugate for Alzheimer's disease Intervention. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 1957-1963	5.6	6
157	A 3D bioprinted in situ conjugated-co-fabricated scaffold for potential bone tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2018</b> , 106, 1311-1321	5.4	26
156	In Vitro, Ex Vivo, and In Vivo Evaluation of a Dual pH/Redox Responsive Nanoliposomal Sludge for Transdermal Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 1028-1036	3.9	6
155	Development of a Novel Polymeric Nanocomposite Complex for Drugs with Low Bioavailability. <i>AAPS PharmSciTech</i> , <b>2018</b> , 19, 303-314	3.9	11
154	Dexamethasone-Loaded, PEGylated, Vertically Aligned, Multiwalled Carbon Nanotubes for Potential Ischemic Stroke Intervention. <i>Molecules</i> , <b>2018</b> , 23,	4.8	15
153	Nanotechnology and Glycosaminoglycans: Paving the Way Forward for Ovarian Cancer Intervention. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	2
152	Customized Peptide Biomaterial Synthesis via an Environment-Reliant Auto-Programmer Stigmergic Approach. <i>Materials</i> , <b>2018</b> , 11,	3.5	1
151	Drug Delivery Strategies for Antivirals against Hepatitis B Virus. <i>Viruses</i> , <b>2018</b> , 10,	6.2	10
150	Therapeutic applications and pharmacoconomics of microneedle technology. <i>Expert Review of Pharmacoconomics and Outcomes Research</i> , <b>2018</b> , 18, 359-369	2.2	18
149	Polymeric, injectable, intravitreal hydrogel devices for posterior segment applications and interventions. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 1074-1081	6.1	9
148	In Vitro and In Silico Analyses of Nicotine Release from a Gelisphere-Loaded Compressed Polymeric Matrix for Potential Parkinson's Disease Interventions. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	4

147	Chemotherapeutic Efficacy of Implantable Antineoplastic-Treatment Protocols in an Optimal Mouse Model for Human Ovarian Carcinoma Cell Targeting. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	5
146	Targeted Delivery of Amantadine-loaded Methacrylate Nanosphere-ligands for the Potential Treatment of Amyotrophic Lateral Sclerosis. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2018</b> , 21, 94-109	3.4	1
145	Artificial, Triple-Layered, Nanomembranous Wound Patch for Potential Diabetic Foot Ulcer Intervention. <i>Materials</i> , <b>2018</b> , 11,	3.5	9
144	Implantable and transdermal polymeric drug delivery technologies for the treatment of central nervous system disorders. <i>Pharmaceutical Development and Technology</i> , <b>2017</b> , 22, 476-486	3.4	9
143	In Vivo Evaluation of a PEO-Gellan Gum Semi-Interpenetrating Polymer Network for the Oral Delivery of Sulpiride. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 654-670	3.9	9
142	Functionalized Nanolipobubbles Embedded Within a Nanocomposite Hydrogel: a Molecular Bio-imaging and Biomechanical Analysis of the System. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 671-685	3.9	2
141	Enhancement of the Oral Bioavailability of Felodipine Employing 8-Arm-Poly(Ethylene Glycol): In Vivo, In Vitro and In Silico Evaluation. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 617-628	3.9	2
140	In Vitro and In Vivo Evaluation of a Hydrogel-Based Microneedle Device for Transdermal Electro-Modulated Analgesia. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 1111-1116	3.9	5
139	Development of an injectable pseudo-bone thermo-gel for application in small bone fractures. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 520, 39-48	6.5	12
138	Synthesis of novel amphiphilic poly(N-isopropylacrylamide)-b-poly(aspartic acid) nanomicelles for potential targeted chemotherapy in ovarian cancer. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 39, 308-323	4.5	13
137	Development of a Gastric Absorptive, Immediate Responsive, Oral Protein-Loaded Versatile Polymeric Delivery System. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 2479-2493	3.9	14
136	Cellular internalisation kinetics and cytotoxic properties of statistically designed and optimised neo-geometric copper nanocrystals. <i>Materials Science and Engineering C</i> , <b>2017</b> , 78, 376-388	8.3	5
135	Design and characterization of neurodurable gellan-xanthan pH-responsive hydrogels for controlled drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 291-306	8	16
134	Induction of creep crack morphology in iron oxide microparticles: An outcome of the common-ion effect. <i>Materials Letters</i> , <b>2017</b> , 188, 417-422	3.3	
133	Synthesis, Comparison, and Optimization of a Humic Acid-Quat10 Polyelectrolyte Complex by Complexation-Precipitation versus Extrusion-Spheronization. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 3116-3128	3.9	1
132	Development of respirable rifampicin-loaded nano-lipomer composites by microemulsion-spray drying for pulmonary delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 41, 13-19	4.5	19
131	Synthesis and in vitro characterization of a pH-responsive chitosan- polyethylenimine nanosystem for the delivery of therapeutic proteins. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 39, 266-276	4.5	7
130	Design, characterization and optimization of lamivudine-loaded amphiphilic HA-g-ECL nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 39, 75-87	4.5	2

129	In Vivo evaluation of an Ultra-fast Disintegrating Wafer matrix: A molecular simulation approach to the ora-mucoadhesivity. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 37, 123-133	4.5	5
128	Ex Vivo and In Vivo Characterization of Interpolymeric Blend/Nanoenabled Gastroretentive Levodopa Delivery Systems. <i>Parkinson's Disease</i> , <b>2017</b> , 2017, 7818123	2.6	1
127	Submicron Matrices Embedded in a Polymeric Caplet for Extended Intravaginal Delivery of Zidovudine. <i>AAPS Journal</i> , <b>2017</b> , 19, 1745-1759	3.7	2
126	A review of the chemical modification techniques of starch. <i>Carbohydrate Polymers</i> , <b>2017</b> , 157, 1226-1236	6.3	229
125	A composite chitosan-gelatin bi-layered, biomimetic macroporous scaffold for blood vessel tissue engineering. <i>Carbohydrate Polymers</i> , <b>2017</b> , 157, 1215-1225	10.3	68
124	A review of semi-synthetic biopolymer complexes: modified polysaccharide nano-carriers for enhancement of oral drug bioavailability. <i>Pharmaceutical Development and Technology</i> , <b>2017</b> , 22, 283-295	3.4	21
123	Outlook on the Application of Metal-Liganded Bioactives for Stimuli-Responsive Release. <i>Molecules</i> , <b>2017</b> , 22,	4.8	5
122	Design of a Versatile pH-Responsive Hydrogel for Potential Oral Delivery of Gastric-Sensitive Bioactives. <i>Polymers</i> , <b>2017</b> , 9,	4.5	29
121	Synthesis and Evaluation of a Sodium Alginate-4-Aminosalicylic Acid Based Microporous Hydrogel for Potential Viscosupplementation for Joint Injuries and Arthritis-Induced Conditions. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	5
120	Design and Characterization of Endostatin-Loaded Nanoparticles for In Vitro Antiangiogenesis in Squamous Cell Carcinoma. <i>Journal of Nanomaterials</i> , <b>2017</b> , 2017, 1-17	3.2	5
119	A novel multi-tiered experimental approach unfolding the mechanisms behind cyclodextrin-vitamin inclusion complexes for enhanced vitamin solubility and stability. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 532, 90-104	6.5	14
118	A novel bile salts-lipase polymeric film-infused minitablet system for enhanced oral delivery of cholecalciferol. <i>Pharmaceutical Development and Technology</i> , <b>2016</b> , 21, 832-846	3.4	3
117	A bio-injectable algin-aminocaproic acid thixogel with tri-stimuli responsiveness. <i>Carbohydrate Polymers</i> , <b>2016</b> , 135, 324-33	10.3	9
116	An electro-conductive fluid as a responsive implant for the controlled stimuli-release of diclofenac sodium. <i>Pharmaceutical Development and Technology</i> , <b>2016</b> , 21, 875-886	3.4	4
115	Ester-Based Hydrophilic Cyclodextrin Nanosponges for Topical Ocular Drug Delivery. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 6988-6997	3.3	9
114	Design and evaluation of an oral multiparticulate system for dual delivery of amoxicillin and Lactobacillus acidophilus. <i>Future Microbiology</i> , <b>2016</b> , 11, 1133-45	2.9	2
113	Design of an In Situ Cross-Linked Eutectic Tablet for Enhanced Delivery of Gastro-Sensitive Proteins and Peptides. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 2086-98	3.9	2
112	A review of formulation techniques that impact the disintegration and mechanical properties of orodispersible drug delivery technologies. <i>Pharmaceutical Development and Technology</i> , <b>2016</b> , 21, 354-66	3.4	11

111	3D-printing and the effect on medical costs: a new era?. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , <b>2016</b> , 16, 23-32	2.2	76
110	AN in vitro evaluation of a carmustine-loaded Nano-co-Plex for potential magnetic-targeted intranasal delivery to the brain. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 500, 196-209	6.5	29
109	Design of an Inflammation-Sensitive Polyelectrolyte-Based Topical Drug Delivery System for Arthritis. <i>AAPS PharmSciTech</i> , <b>2016</b> , 17, 1075-85	3.9	6
108	Poly(ethylene glycol) enclatherated pectin-mucin submicron matrices for intravaginal anti-HIV-1 drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 503, 16-28	6.5	8
107	Intestinal Targeting of Ganciclovir Release Employing a Novel HEC-PAA Blended Lyomatrix. <i>AAPS PharmSciTech</i> , <b>2016</b> , 17, 1120-30	3.9	5
106	Diagnosis and Treatment of Neurological and Ischemic Disorders Employing Carbon Nanotube Technology. <i>Journal of Nanomaterials</i> , <b>2016</b> , 2016, 1-19	3.2	18
105	Stimuli-Responsive Polymeric Systems for Controlled Protein and Peptide Delivery: Future Implications for Ocular Delivery. <i>Molecules</i> , <b>2016</b> , 21,	4.8	25
104	A Review of Injectable Polymeric Hydrogel Systems for Application in Bone Tissue Engineering. <i>Molecules</i> , <b>2016</b> , 21,	4.8	119
103	Neo-Geometric Copper Nanocrystals by Competitive, Dual Surfactant-Mediated Facet Adsorption Controlling Skin Permeation. <i>Materials</i> , <b>2016</b> , 9,	3.5	7
102	Electroactive Polymers and Coatings <b>2016</b> , 51-89		3
101	A humic acid-polyquaternium-10 stoichiometric self-assembled fibrilla polyelectrolyte complex: Effect of pH on synthesis, characterization, and drug release. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2016</b> , 65, 550-560	3	6
100	Polymeric networks for controlled release of drugs: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , <b>2016</b> , 26, 703-17	6.8	8
99	Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> precipitated layering of an in situ hybridized PVA/Ca <sub>2</sub> O <sub>4</sub> Si nanofibrous antibacterial wound dressing. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 507, 41-9	6.5	11
98	A Dual-Biotic System for the Concurrent Delivery of Antibiotics and Probiotics: In Vitro, Ex Vivo, In Vivo and In Silico Evaluation and Correlation. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 3057-3071	4.5	5
97	A dual pH/Redox responsive copper-ligand nanoliposome bioactive complex for the treatment of chronic inflammation. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 509, 348-359	6.5	13
96	A Review: Overview of Novel Polyelectrolyte Complexes as Prospective Drug Bioavailability Enhancers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2015</b> , 64, 955-968	3	44
95	Microwave-assisted facile synthesis of a new tri-block chitosan conjugate with improved mucoadhesion. <i>Carbohydrate Polymers</i> , <b>2015</b> , 130, 213-21	10.3	21
94	In vitro, ex vivo and in silico mechanistic elucidation of the performance of an optimized porosity-controlled multi-elemental transbuccal system. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 2384-409	4.5	4

93	In silico mechanistic disposition and in vivo evaluation of zero-order drug release from a novel triple-layered tablet matrix. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 693-713	8	1
92	In vitro pharmaceutical characterization and statistical optimization of a novel topically applied instantly-soluble solid eye drop matrix. <i>Pharmaceutical Development and Technology</i> , <b>2015</b> , 20, 854-862	3.4	5
91	A Co-blended Locust Bean Gum and Polymethacrylate-NaCMC Matrix to Achieve Zero-Order Release via Hydro-Erosive Modulation. <i>AAPS PharmSciTech</i> , <b>2015</b> , 16, 1377-89	3.9	11
90	Ex vivo evaluation of a microneedle array device for transdermal application. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 496, 351-9	6.5	5
89	An optimized gastroretentive nanosystem for the delivery of levodopa. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 494, 49-65	6.5	17
88	Development and in vivo evaluation of an implantable nano-enabled multipolymeric scaffold for the management of AIDS dementia complex (ADC). <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 496, 863-77	6.5	4
87	Enhancement of the biomineralization and cellular adhesivity of polycaprolactone-based hollow porous microspheres via dopamine bio-activation for tissue engineering applications. <i>Materials Letters</i> , <b>2015</b> , 161, 503-507	3.3	11
86	A novel pH-responsive interpolyelectrolyte hydrogel complex for the oral delivery of levodopa. Part II: characterization and formulation of an IPEC-based tablet matrix. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2015</b> , 103, 1085-94	5.4	2
85	A novel pH-responsive interpolyelectrolyte hydrogel complex for the oral delivery of levodopa. Part I. IPEC modeling and synthesis. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2015</b> , 103, 1077-84	5.4	6
84	Potential nanotechnologies and molecular targets in the quest for efficient chemotherapy in ovarian cancer. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 613-34	8	2
83	A Novel Melt-Dispersion Technique for Simplistic Preparation of Chlorpromazine-Loaded Polycaprolactone Nanocapsules. <i>Polymers</i> , <b>2015</b> , 7, 1145-1176	4.5	10
82	Bypassing P-Glycoprotein Drug Efflux Mechanisms: Possible Applications in Pharmacoresistant Schizophrenia Therapy. <i>BioMed Research International</i> , <b>2015</b> , 2015, 484963	3	71
81	Parameters and characteristics governing cellular internalization and trans-barrier trafficking of nanostructures. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 2191-206	7.3	103
80	In vivo evaluation of a mucoadhesive polymeric caplet for intravaginal anti-HIV-1 delivery and development of a molecular mechanistic model for thermochemical characterization. <i>Drug Development and Industrial Pharmacy</i> , <b>2015</b> , 41, 1274-87	3.6	2
79	A menthol-based solid dispersion technique for enhanced solubility and dissolution of sulfamethoxazole from an oral tablet matrix. <i>AAPS PharmSciTech</i> , <b>2015</b> , 16, 771-86	3.9	16
78	A review of the potential role of nano-enabled drug delivery technologies in amyotrophic lateral sclerosis: lessons learned from other neurodegenerative disorders. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 1213-29	3.9	19
77	Design of chitospheres loaded with pristine polymer particles for extended drug delivery via polyelectrolyte complexation and particulate leaching. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 479, 189-206	6.5	8
76	A review of polymeric colloidal nanogels in transdermal drug delivery. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 2801-13	3.3	22

75	Functionalized Nanocarriers for Enhanced Bioactive Delivery to Squamous Cell Carcinomas: Targeting Approaches and Related Biopharmaceutical Aspects. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 3167-80	3.3	8
74	Disulphide-thiol chemistry: a multi-faceted tool for macromolecular design and synthesis of polyfunctional materials for specialized drug delivery. <i>Current Drug Delivery</i> , <b>2015</b> , 12, 282-98	3.2	7
73	An interfacially plasticized electro-responsive hydrogel for transdermal electro-activated and modulated (TEAM) drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 462, 52-65	6.5	48
72	In vitro, in vivo, and in silico evaluation of the bioresponsive behavior of an intelligent intraocular implant. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 607-34	4.5	16
71	Current advances in the fabrication of microneedles for transdermal delivery. <i>Journal of Controlled Release</i> , <b>2014</b> , 185, 130-8	11.7	218
70	A review of the advancements in probiotic delivery: Conventional vs. non-conventional formulations for intestinal flora supplementation. <i>AAPS PharmSciTech</i> , <b>2014</b> , 15, 29-43	3.9	111
69	A review of integrating electroactive polymers as responsive systems for specialized drug delivery applications. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 2039-54	5.4	78
68	Synthesis of a semi-interpenetrating polymer network as a bioactive curcumin film. <i>AAPS PharmSciTech</i> , <b>2014</b> , 15, 1476-89	3.9	15
67	A comprehensive review of advanced biopolymeric wound healing systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 2211-30	3.9	155
66	A review of advanced oral drug delivery technologies facilitating the protection and absorption of protein and peptide molecules. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 1269-1282	17.8	193
65	An epichlorohydrin-crosslinked semi-interpenetrating GG-PEO network as a xerogel matrix for sustained release of sulphiride. <i>AAPS PharmSciTech</i> , <b>2014</b> , 15, 1292-306	3.9	4
64	Patient-controlled analgesia: therapeutic interventions using transdermal electro-activated and electro-modulated drug delivery. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 353-66	3.9	5
63	In vivo and ex vivo evaluation of a multi-particulate composite construct for sustained transbuccal delivery of carbamazepine. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 1157-69	3.9	9
62	Overview of the role of nanotechnological innovations in the detection and treatment of solid tumors. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 589-613	7.3	33
61	A review of bioactive release from nerve conduits as a neurotherapeutic strategy for neuronal growth in peripheral nerve injury. <i>BioMed Research International</i> , <b>2014</b> , 2014, 132350	3	36
60	A review of topically administered mini-tablets for drug delivery to the anterior segment of the eye. <i>Journal of Pharmacy and Pharmacology</i> , <b>2014</b> , 66, 490-506	4.8	18
59	In vivo evaluation and in-depth pharmaceutical characterization of a rapidly dissolving solid ocular matrix for the topical delivery of timolol maleate in the rabbit eye model. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 466, 296-306	6.5	11
58	In silico elucidation of the inclusion phenomenon and permeation behavior of a zidovudine $\beta$ -cyclodextrin complex via static lattice atomistic simulation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2014</b> , 78, 445-455	1.7	2



57	A review of polymeric refabrication techniques to modify polymer properties for biomedical and drug delivery applications. <i>AAPS PharmSciTech</i> , <b>2013</b> , 14, 692-711	3.9	38
56	Physicomechanical characterization and optimization of EDTA-mPEG and Avicel <sup>®</sup> -EDTA-mPEG in situ melt dispersion mini-pellets. <i>AAPS PharmSciTech</i> , <b>2013</b> , 14, 935-49	3.9	1
55	Design of an interpolyelectrolyte gastroretentive matrix for the site-specific zero-order delivery of levodopa in Parkinson's disease. <i>AAPS PharmSciTech</i> , <b>2013</b> , 14, 605-19	3.9	13
54	Design of an anti-inflammatory composite nanosystem and evaluation of its potential for ocular drug delivery. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 2780-805	3.9	15
53	A novel pH-sensitive interferon- $\gamma$ (INF- $\gamma$ ) oral delivery system for application in multiple sclerosis. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 456, 459-72	6.5	27
52	Evaluation of the impacts of formulation variables and excipients on the drug release dynamics of a polyamide 6,10-based monolithic matrix using mathematical tools. <i>AAPS PharmSciTech</i> , <b>2013</b> , 14, 1349-59	3.9	3
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