Pradeep Kumar

List of Publications by Year in Descending Order

240 papers	4,517 citations	33 h-index	58 g-index
248 ext. papers	5,526 ext. citations	4.9 avg, IF	5.86 L-index

#	Paper	IF	Citations
240	Three-Dimensional Printing (3DP) for Space Pharmaceuticals **2022**, 221-258		
239	Physicochemical Basic Principles for Solid Dosage Forms **2022**, 49-67		
238	Herbal bioactive-incorporated scaffolds for wound healing applications **2022**, 311-330		0
237	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	5
236	Targeted Micellar Systems for Pulmonary Disease Intervention **2022**, 359-373		
235	Emergence of Nanotechnology as a Powerful Cavalry against Triple-Negative Breast Cancer (TNBC). *Pharmaceuticals*, **2022**, 15, 542	5.2	0
234	Recent Developments in Methicillin-Resistant Staphylococcus aureus (MRSA) Treatment: A Review. *Antibiotics*, **2022**, 11, 606	4.9	2
233	Nano-enabled systems for neural tissue regenerative applications **2022**, 623-648		
232	Nanomedicines for tropical diseases affecting the central nervous system **2022**, 695-729		
231	In vitro, ex vivo and in vivo evaluation of a novel metal-liganded nanocomposite for the controlled release and improved oral bioavailability of sulpiride. *Journal of Drug Delivery Science and Technology*, **2021**, 66, 102909	4.5	0
230	Synthesis and characterization of Chitosan-Catechol conjugates: Development and in vitro, in silico and in vivo evaluation of mucoadhesive pellets of lafutidine. *Journal of Bioactive and Compatible Polymers*, **2021**, 36, 139-151	2	
229	Fabrication and Characterisation of a Photo-Responsive, Injectable Nanosystem for Sustained Delivery of Macromolecules. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
228	Synthesis and therapeutic delivery approaches for praziquantel: a patent review (2010-present). *Expert Opinion on Therapeutic Patents*, **2021**, 31, 851-865	6.8	1
227	A Newfangled Collagenase Inhibitor Topical Formulation Based on Ethosomes with L. Extract. *Pharmaceuticals*, **2021**, 14,	5.2	3
226	Evaluation of Composition Effects on the Physicochemical and Biological Properties of Polypeptide-Based Hydrogels for Potential Application in Wound Healing. *Polymers*, **2021**, 13,	4.5	2
225	Theranostic Mesoporous Silica Nanoparticles Loaded With a Curcumin-Naphthoquinone Conjugate for Potential Cancer Intervention. *Frontiers in Molecular Biosciences*, **2021**, 8, 670792	5.6	5
224	Development and Evaluation of Rifampicin Loaded Alginate-Gelatin Biocomposite Microfibers. *Polymers*, **2021**, 13,	4.5	3

223	Study of Different Crystal Habits of Aprepitant: Dissolution and Material Attributes. *Applied Sciences (Switzerland)*, **2021**, 11, 5604	2.6	1
222	Synthesis and Characterization of Thiolated Gum Ghatti as a Novel Excipient: Development of Compression-Coated Mucoadhesive Tablets of Domperidone. *ACS Omega*, **2021**, 6, 15844-15854	3.9	2
221	This Review Recent Advances in Chitosan and Alginate-Based Hydrogels for Wound Healing Application. *Frontiers in Materials*, **2021**, 8,	4	4
220	Rutin loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. *Life Sciences*, **2021**, 276, 119436	6.8	13
219	Three-Dimensional Printability of an ECM-Based Gelatin Methacryloyl (GelMA) Biomaterial for Potential Neuroregeneration. *ACS Omega*, **2021**, 6, 21368-21383	3.9	5
218	Enhanced biological activity of polyphenols on conjugation with gellan gum. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2021**, 70, 712-729	3	3
217	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2021**, 70, 754-763	3	22
216	Fouling in ocular devices: implications for drug delivery, bioactive surface immobilization, and biomaterial design. *Drug Delivery and Translational Research*, **2021**, 11, 1903-1923	6.2	2
215	A Comprehensive Review on Fused Heterocyclic as DNA Intercalators: Promising Anticancer Agents. *Current Pharmaceutical Design*, **2021**, 27, 15-42	3.3	6
214	Macroporous chitosan/methoxypoly(ethylene glycol) based cryosponges with unique morphology for tissue engineering applications. *Scientific Reports*, **2021**, 11, 3104	4.9	1
213	Inclusivity and diversity: Integrating international perspectives on stem cell challenges and potential. *Stem Cell Reports*, **2021**, 16, 1847-1852	8	1
212	Lipopolysaccharide Nanosystems for the Enhancement of Oral Bioavailability. *AAPS PharmSciTech*, **2021**, 22, 242	3.9	1
211	Ellagic acid-loaded, tween 80-coated, chitosan nanoparticles as a promising therapeutic approach against breast cancer: In-vitro and in-vivo study. *Life Sciences*, **2021**, 284, 119927	6.8	3
210	Immunomodulatory potential of polysaccharides derived from plants and microbes: A narrative review. *Carbohydrate Polymer Technologies and Applications*, **2021**, 2, 100044	1.7	6
209	Co-aerosolized Pulmonary Surfactant and Ambroxol for COVID-19 ARDS Intervention: What Are We Waiting for?. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 577172	5.8	9
208	Three-dimensional printing of extracellular matrix (ECM)-mimicking scaffolds: A critical review of the current ECM materials. *Journal of Biomedical Materials Research - Part A*, **2020**, 108, 2324-2350	5.4	25
207	Folate-induced nanostructural changes of oligochitosan nanoparticles and their fate of cellular internalization by melanoma. *Carbohydrate Polymers*, **2020**, 244, 116488	10.3	8
206	Nanotechnological paradigms for neurodegenerative disease interventions **2020**, 277-292		1

205	A Review of Nanotechnology for Targeted Anti-schistosomal Therapy. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 32	5.8	13
204	Proteosaccharide combinations for tissue engineering applications. *Carbohydrate Polymers*, **2020**, 235, 115932	10.3	12
203	How Can Biomolecules Improve Mucoadhesion of Oral Insulin? A Comprehensive Insight using , , and Models. *Biomolecules*, **2020**, 10,	5.9	8
202	Functionalized, Vertically Super-Aligned Multiwalled Carbon Nanotubes for Potential Biomedical Applications. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	10
201	Inorganic Nanomaterials for Enhanced Therapeutic Safety. *Environmental Chemistry for A Sustainable World*, **2020**, 1-24	0.8	
200	Three Dimensional Printing (3DP) for Space Pharmaceuticals **2020**, 1-38		
199	Biopolymeric, Nanopatterned, Fibrous Carriers for Wound Healing Applications. *Current Pharmaceutical Design*, **2020**, 26, 4894-4908	3.3	9
198	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an study. *Nanomedicine*, **2020**, 15, 2955-2970	5.6	5
197	Rifampicin-Loaded Alginate-Gelatin Fibers Incorporated within Transdermal Films as a System for Wound Healing Applications. *Membranes*, **2020**, 11,	3.8	8
196	Bioplatform Fabrication Approaches Affecting Chitosan-Based Interpolymer Complex Properties and Performance as Wound Dressings. *Molecules*, **2020**, 25,	4.8	11
195	Synthesis and Properties of CurNQ for the Theranostic Application in Ovarian Cancer Intervention. *Molecules*, **2020**, 25,	4.8	4
194	Spectrin conjugated PLGA nanoparticles for potential membrane phospholipid interactions: Development, optimization and in vitro studies. *Journal of Drug Delivery Science and Technology*, **2020**, 60, 102087	4.5	1
193	Lipid-drug conjugates and associated carrier strategies for enhanced antiretroviral drug delivery. *Pharmaceutical Development and Technology*, **2020**, 25, 267-280	3.4	8
192	Repositioning -Acetylcysteine (NAC): NAC-Loaded Electrospun Drug Delivery Scaffolding for Potential Neural Tissue Engineering Application. *Pharmaceutics*, **2020**, 12,	6.4	4
191	Further Evidence of Possible Therapeutic Uses of L. Extracts by the Assessment of the In Vitro and In Vivo Anti-Inflammatory Properties of Its PLGA and PCL-Based Nanoformulations. *Pharmaceutics*, **2020**, 12,	6.4	6
190	Discovery of Novel Tankyrase Inhibitors through Molecular Docking-Based Virtual Screening and Molecular Dynamics Simulation Studies. *Molecules*, **2020**, 25,	4.8	9
189	Blood biomarkers for the diagnosis and differentiation of stroke: A systematic review and meta-analysis. *International Journal of Stroke*, **2020**, 15, 704-721	6.3	10
188	Curcumin-loaded, alginate-gelatin composite fibers for wound healing applications. *3 Biotech*, **2020**, 10, 464	2.8	7

187	Thiolation of Biopolymers for Developing Drug Delivery Systems with Enhanced Mechanical and Mucoadhesive Properties: A Review. *Polymers*, **2020**, 12,	4.5	18
186	Recent progress in 3D-printed polymeric scaffolds for bone tissue engineering **2020**, 59-81		7
185	Hybrid Thermo-Responsive Polymer Systems and Their Biomedical Applications. *Frontiers in Materials*, **2020**, 7,	4	20
184	Folate-decorated, endostatin-loaded, nanoparticles for anti-proliferative chemotherapy in esophaegeal squamous cell carcinoma. *Biomedicine and Pharmacotherapy*, **2019**, 119, 109450	7.5	5
183	In situ thermo-co-electroresponsive mucogel for controlled release of bioactive agent. *International Journal of Pharmaceutics*, **2019**, 559, 255-270	6.5	14
182	Antineoplastic nano-lipobubbles for passively targeted ovarian cancer therapy. *Colloids and Surfaces B: Biointerfaces*, **2019**, 177, 160-168	6	2
181	Liposome-embedded, polymeric scaffold for extended delivery of galantamine. *Journal of Drug Delivery Science and Technology*, **2019**, 50, 255-265	4.5	9
180	Development of a fluid-absorptive alginate-chitosan bioplatform for potential application as a wound dressing. *Carbohydrate Polymers*, **2019**, 222, 114988	10.3	28
179	Preprocessing of Medical Image Data for Three-Dimensional Bioprinted Customized-Neural-Scaffolds. *Tissue Engineering - Part C: Methods*, **2019**, 25, 401-410	2.9	1
178	Current and Combinative Curcumin Therapeutics for Treating Spinal Cord Injury **2019**, 419-435		1
177	Ionic Liquids as Potential and Synergistic Permeation Enhancers for Transdermal Drug Delivery. *Pharmaceutics*, **2019**, 11,	6.4	56
176	Synthesis, Characterisation and In Vitro Permeation, Dissolution and Cytotoxic Evaluation of Ruthenium(II)-Liganded Sulpiride and Amino Alcohol. *Scientific Reports*, **2019**, 9, 4146	4.9	3
175	Stealth Properties of Nanoparticles Against Cancer: Surface Modification of NPs for Passive Targeting to Human Cancer Tissue in Zebrafish Embryos **2019**, 99-124		0
174	Lipopolysaccharide Polyelectrolyte Complex for Oral Delivery of an Anti-tubercular Drug. *AAPS PharmSciTech*, **2019**, 20, 107	3.9	4
173	Improved antioxidant, antimicrobial and anticancer activity of naringenin on conjugation with pectin. *3 Biotech*, **2019**, 9, 312	2.8	8
172	Time-Domain Analysis of Molecular Dynamics Trajectories Using Deep Neural Networks: Application to Activity Ranking of Tankyrase Inhibitors. *Journal of Chemical Information and Modeling*, **2019**, 59, 3519-3532	6.1	9
171	Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. *Journal of Drug Delivery Science and Technology*, **2019**, 54, 101297	4.5	17
170	Development and Mechanistic Insight into the Enhanced Cytotoxic Potential of Parvifloron D Albumin Nanoparticles in EGFR-Overexpressing Pancreatic Cancer Cells. *Cancers*, **2019**, 11,	6.6	16

169	Design and characterisation of PHBV-magnesium oleate directional nanofibers for neurosupport. *Biomedical Materials (Bristol)*, **2019**, 14, 065015	3.5	6
168	Ionic liquid-based transdermal delivery of propranolol: a patent evaluation of US2018/0169033A1. *Pharmaceutical Patent Analyst*, **2019**, 8, 203-209	0.6	3
167	Physicochemical Basic Principles for Solid Dosage Forms **2019**, 1-19		
166	Functionalizing bioinks for 3D bioprinting applications. *Drug Discovery Today*, **2019**, 24, 198-205	8.8	64
165	Nanoengineered biomaterials for vascular tissue engineering **2019**, 125-144		
164	Pectin‐curcumin composite: synthesis, molecular modeling and cytotoxicity. *Polymer Bulletin*, **2019**, 76, 3153-3173	2.4	7
163	3D printed, controlled release, tritherapeutic tablet matrix for advanced anti-HIV-1 drug delivery. *European Journal of Pharmaceutics and Biopharmaceutics*, **2019**, 138, 99-110	5.7	30
162	In vitro and in vivo evaluation of an oral Multi-Layered Multi-Disk Tablet for specialized chronotherapeutic drug delivery. *Journal of Drug Delivery Science and Technology*, **2018**, 45, 39-44	4.5	1
161	In‐Vitro-In‐Vivo Evaluation of an Oral Ghost Drug Delivery Device for the Delivery of Salmon Calcitonin. *Journal of Pharmaceutical Sciences*, **2018**, 107, 1605-1614	3.9	2
160	Advances in patented interpenetrating polymeric networks for biomedical applications. *Pharmaceutical Patent Analyst*, **2018**, 7, 99-101	0.6	2
159	Thermo-intelligent Injectable Implants: Intricate Mechanisms and Therapeutic Applications. *Gels Horizons: From Science To Smart Materials*, **2018**, 341-359		1
158	Hypothesis: apo-lactoferrin-Galantamine Proteo-alkaloid Conjugate for Alzheimer's disease Intervention. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 1957-1963	5.6	6
157	A 3D bioprinted in situ conjugated-co-fabricated scaffold for potential bone tissue engineering applications. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 1311-1321	5.4	26
156	InVitro, Ex‐Vivo, and In‐Vivo Evaluation of a Dual pH/Redox Responsive Nanoliposomal Sludge for Transdermal Drug Delivery. *Journal of Pharmaceutical Sciences*, **2018**, 107, 1028-1036	3.9	6
155	Development of a Novel Polymeric Nanocomposite Complex for Drugs with Low Bioavailability. *AAPS PharmSciTech*, **2018**, 19, 303-314	3.9	11
154	Alternative fluorophores designed for advanced molecular imaging. *Drug Discovery Today*, **2018**, 23, 1158‐1183		16
153	Dexamethasone-Loaded, PEGylated, Vertically Aligned, Multiwalled Carbon Nanotubes for Potential Ischemic Stroke Intervention. *Molecules*, **2018**, 23,	4.8	15
152	Nanotechnology and Glycosaminoglycans: Paving the Way Forward for Ovarian Cancer Intervention. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	2

151	3D Printed, PVA?PAA Hydrogel Loaded-Polycaprolactone Scaffold for the Delivery of Hydrophilic In-Situ Formed Sodium Indomethacin. *Materials*, **2018**, 11,	3.5	7
150	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. *Colloids and Surfaces B: Biointerfaces*, **2018**, 172, 51-59	6	47
149	Therapeutic applications and pharmacoeconomics of microneedle technology. *Expert Review of Pharmacoeconomics and Outcomes Research*, **2018**, 18, 359-369	2.2	18
148	Polymeric, injectable, intravitreal hydrogel devices for posterior segment applications and interventions. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 1074-1081	6.1	9
147	In Vitro and In Silico Analyses of Nicotine Release from a Gelisphere-Loaded Compressed Polymeric Matrix for Potential Parkinson's Disease Interventions. *Pharmaceutics*, **2018**, 10,	6.4	4
146	Chemotherapeutic Efficacy of Implantable Antineoplastic-Treatment Protocols in an Optimal Mouse Model for Human Ovarian Carcinoma Cell Targeting. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	5
145	3D scaffolds for brain tissue regeneration: architectural challenges. *Biomaterials Science*, **2018**, 6, 2812-2827	7.4	38
144	Targeted Delivery of Amantadine-loaded Methacrylate Nanosphere-ligands for the Potential Treatment of Amyotrophic Lateral Sclerosis. *Journal of Pharmacy and Pharmaceutical Sciences*, **2018**, 21, 94-109	3.4	1
143	Artificial, Triple-Layered, Nanomembranous Wound Patch for Potential Diabetic Foot Ulcer Intervention. *Materials*, **2018**, 11,	3.5	9
142	In silico analytico-mathematical interpretation of biopolymeric assemblies: Quantification of energy surfaces and molecular attributes via atomistic simulations. *Bioengineering and Translational Medicine*, **2018**, 3, 222-231	14.8	13
141	Site-specific delivery of polymeric encapsulated microorganisms: a patent evaluation of US20170165201A1. *Expert Opinion on Therapeutic Patents*, **2018**, 28, 703-708	6.8	2
140	Nanocomposites for therapeutic application in multiple sclerosis **2018**, 391-408		9
139	Stimuli-responsive polymers as smart drug delivery systems: Classifications based on carrier type and triggered-release mechanism **2018**, 43-58		10
138	Implantable and transdermal polymeric drug delivery technologies for the treatment of central nervous system disorders. *Pharmaceutical Development and Technology*, **2017**, 22, 476-486	3.4	9
137	In Vivo Evaluation of a PEO-Gellan Gum Semi-Interpenetrating Polymer Network for the Oral Delivery of Sulpiride. *AAPS PharmSciTech*, **2017**, 18, 654-670	3.9	9
136	Functionalized Nanolipobubbles Embedded Within a Nanocomposite Hydrogel: a Molecular Bio-imaging and Biomechanical Analysis of the System. *AAPS PharmSciTech*, **2017**, 18, 671-685	3.9	2
135	Enhancement of the Oral Bioavailability of Felodipine Employing 8-Arm-Poly(Ethylene Glycol): In Vivo, In Vitro and In Silico Evaluation. *AAPS PharmSciTech*, **2017**, 18, 617-628	3.9	2
134	In Vitro and In Vivo Evaluation of a Hydrogel-Based Microneedle Device for Transdermal Electro-Modulated Analgesia. *Journal of Pharmaceutical Sciences*, **2017**, 106, 1111-1116	3.9	5

133	Development of an injectable pseudo-bone thermo-gel for application in small bone fractures. *International Journal of Pharmaceutics*, **2017**, 520, 39-48	6.5	12
132	Synthesis of novel amphiphilic poly(N-isopropylacrylamide)-b-poly(aspartic acid) nanomicelles for potential targeted chemotherapy in ovarian cancer. *Journal of Drug Delivery Science and Technology* , **2017**, 39, 308-323	4.5	13
131	Development of a Gastric Absorptive, Immediate Responsive, Oral Protein-Loaded Versatile Polymeric Delivery System. *AAPS PharmSciTech*, **2017**, 18, 2479-2493	3.9	14
130	Cellular internalisation kinetics and cytotoxic properties of statistically designed and optimised neo-geometric copper nanocrystals. *Materials Science and Engineering C*, **2017**, 78, 376-388	8.3	5
129	Design and characterization of neurodurable gellan-xanthan pH-responsive hydrogels for controlled drug delivery. *Expert Opinion on Drug Delivery*, **2017**, 14, 291-306	8	16
128	Induction of creep crack morphology in iron oxide microparticles: An outcome of the common-ion effect. *Materials Letters*, **2017**, 188, 417-422	3.3	
127	Targeted nanotechnologies for cancer intervention: a patent review (2010-2016). *Expert Opinion on Therapeutic Patents*, **2017**, 27, 1005-1019	6.8	16
126	Synthesis, Comparison, and Optimization of a Humic Acid-Quat10 Polyelectrolyte Complex by Complexation-Precipitation versus Extrusion-Spheronization. *AAPS PharmSciTech*, **2017**, 18, 3116-3128	3.9	1
125	Development of respirable rifampicin-loaded nano-lipomer composites by microemulsion-spray drying for pulmonary delivery. *Journal of Drug Delivery Science and Technology*, **2017**, 41, 13-19	4.5	19
124	Biopolymeric archetypes for the oral delivery of nutraceuticals **2017**, 231-249		
123	Synthesis and in vitro characterization of a pH-responsive chitosan- polyethylenimine nanosystem for the delivery of therapeutic proteins. *Journal of Drug Delivery Science and Technology*, **2017**, 39, 266-276	4.5	7
122	Design, characterization and optimization of lamivudine-loaded amphiphilic HA-g-ECL nanoparticles. *Journal of Drug Delivery Science and Technology*, **2017**, 39, 75-87	4.5	2
121	In vivo evaluation of an Ultra-fast Disintegrating Wafer matrix: A molecular simulation approach to the ora-mucoadhesivity. *Journal of Drug Delivery Science and Technology*, **2017**, 37, 123-133	4.5	5
120	Improved oral bioavailability and therapeutic efficacy of erlotinib through molecular complexation with phospholipid. *International Journal of Pharmaceutics*, **2017**, 534, 1-13	6.5	23
119	Ex Vivo and In Vivo Characterization of Interpolymeric Blend/Nanoenabled Gastroretentive Levodopa Delivery Systems. *Parkinsonls Disease*, **2017**, 2017, 7818123	2.6	1
118	The Chemo-Biological Outreach of Nano-Biomaterials: Implications for Tissue Engineering and Regenerative Medicine. *Current Pharmaceutical Design*, **2017**, 23, 3538-3549	3.3	7
117	Improved metabolic stability and therapeutic efficacy of a novel molecular gemcitabine phospholipid complex. *International Journal of Pharmaceutics*, **2017**, 530, 113-127	6.5	26
116	Submicron Matrices Embedded in a Polymeric Caplet for Extended Intravaginal Delivery of Zidovudine. *AAPS Journal*, **2017**, 19, 1745-1759	3.7	2

115	A review of the chemical modification techniques of starch. *Carbohydrate Polymers*, **2017**, 157, 1226-1236	10.3	229
114	A composite chitosan-gelatin bi-layered, biomimetic macroporous scaffold for blood vessel tissue engineering. *Carbohydrate Polymers*, **2017**, 157, 1215-1225	10.3	68
113	A review of semi-synthetic biopolymer complexes: modified polysaccharide nano-carriers for enhancement of oral drug bioavailability. *Pharmaceutical Development and Technology*, **2017**, 22, 283-295	3.4	21
112	Outlook on the Application of Metal-Liganded Bioactives for Stimuli-Responsive Release. *Molecules* , **2017**, 22,	4.8	5
111	Design of a Versatile pH-Responsive Hydrogel for Potential Oral Delivery of Gastric-Sensitive Bioactives. *Polymers*, **2017**, 9,	4.5	29
110	Synthesis and Evaluation of a Sodium Alginate-4-Aminosalicylic Acid Based Microporous Hydrogel for Potential Viscosupplementation for Joint Injuries and Arthritis-Induced Conditions. *Marine Drugs*, **2017**, 15,	6	5
109	Design and Characterization of Endostatin-Loaded Nanoparticles for In Vitro Antiangiogenesis in Squamous Cell Carcinoma. *Journal of Nanomaterials*, **2017**, 2017, 1-17	3.2	5
108	A novel multi-tiered experimental approach unfolding the mechanisms behind cyclodextrin-vitamin inclusion complexes for enhanced vitamin solubility and stability. *International Journal of Pharmaceutics*, **2017**, 532, 90-104	6.5	14
107	A bio-injectable algin-aminocaproic acid thixogel with tri-stimuli responsiveness. *Carbohydrate Polymers*, **2016**, 135, 324-33	10.3	9
106	An electro-conductive fluid as a responsive implant for the controlled stimuli-release of diclofenac sodium. *Pharmaceutical Development and Technology*, **2016**, 21, 875-886	3.4	4
105	Design and evaluation of an oral multiparticulate system for dual delivery of amoxicillin and Lactobacillus acidophilus. *Future Microbiology*, **2016**, 11, 1133-45	2.9	2
104	Design of an In Situ Cross-Linked Eutectic Tablet for Enhanced Delivery of Gastro-Sensitive Proteins and Peptides. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2086-98	3.9	2
103	A review of formulation techniques that impact the disintegration and mechanical properties of oradispersible drug delivery technologies. *Pharmaceutical Development and Technology*, **2016**, 21, 354-66	3.4	11
102	3D-printing and the effect on medical costs: a new era?. *Expert Review of Pharmacoeconomics and Outcomes Research*, **2016**, 16, 23-32	2.2	76
101	AN in vitro evaluation of a carmustine-loaded Nano-co-Plex for potential magnetic-targeted intranasal delivery to the brain. *International Journal of Pharmaceutics*, **2016**, 500, 196-209	6.5	29
100	Design of an Inflammation-Sensitive Polyelectrolyte-Based Topical Drug Delivery System for Arthritis. *AAPS PharmSciTech*, **2016**, 17, 1075-85	3.9	6
99	Poly(ethylene glycol) enclatherated pectin-mucin submicron matrices for intravaginal anti-HIV-1 drug delivery. *International Journal of Pharmaceutics*, **2016**, 503, 16-28	6.5	8
98	Intestinal Targeting of Ganciclovir Release Employing a Novel HEC-PAA Blended Lyomatrix. *AAPS PharmSciTech*, **2016**, 17, 1120-30	3.9	5

97	Diagnosis and Treatment of Neurological and Ischemic Disorders Employing Carbon Nanotube Technology. *Journal of Nanomaterials*, **2016**, 2016, 1-19	3.2	18
96	"On-The-Spot" Arresting of Chondroitin Sulphate Proteoglycans: Implications for Ovarian Adenocarcinoma Recognition and Intervention. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	2
95	Stimuli-Responsive Polymeric Systems for Controlled Protein and Peptide Delivery: Future Implications for Ocular Delivery. *Molecules*, **2016**, 21,	4.8	25
94	A Review of Injectable Polymeric Hydrogel Systems for Application in Bone Tissue Engineering. *Molecules*, **2016**, 21,	4.8	119
93	The Influence of Lyophilized EmuGel Silica Microspheres on the Physicomechanical Properties, In Vitro Bioactivity and Biodegradation of a Novel Ciprofloxacin-Loaded PCL/PAA Scaffold. *Polymers*, **2016**, 8,	4.5	9
92	Electroactive Polymers and Coatings **2016**, 51-89		3
91	A humic acid-polyquaternium-10 stoichiometric self-assembled fibrilla polyelectrolyte complex: Effect of pH on synthesis, characterization, and drug release. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2016**, 65, 550-560	3	6
90	Polymeric networks for controlled release of drugs: a patent review. *Expert Opinion on Therapeutic Patents*, **2016**, 26, 703-17	6.8	8
89	Ca3(PO4)2 precipitated layering of an in situ hybridized PVA/Ca2O4Si nanofibrous antibacterial wound dressing. *International Journal of Pharmaceutics*, **2016**, 507, 41-9	6.5	11
88	A Dual-Biotic System for the Concurrent Delivery of Antibiotics and Probiotics: In Vitro, Ex Vivo, In Vivo and In Silico Evaluation and Correlation. *Pharmaceutical Research*, **2016**, 33, 3057-3071	4.5	5
87	Multi-target therapeutics for neuropsychiatric and neurodegenerative disorders. *Drug Discovery Today*, **2016**, 21, 1886-1914	8.8	32
86	A dual pH/Redox responsive copper-ligand nanoliposome bioactive complex for the treatment of chronic inflammation. *International Journal of Pharmaceutics*, **2016**, 509, 348-359	6.5	13
85	A Review: Overview of Novel Polyelectrolyte Complexes as Prospective Drug Bioavailability Enhancers. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2015**, 64, 955-968	3	44
84	Microwave-assisted facile synthesis of a new tri-block chitosan conjugate with improved mucoadhesion. *Carbohydrate Polymers*, **2015**, 130, 213-21	10.3	21
83	In vitro, ex vivo and in silico mechanistic elucidation of the performance of an optimized porosity-controlled multi-elemental transbuccal system. *Pharmaceutical Research*, **2015**, 32, 2384-409	4.5	4
82	In silico mechanistic disposition and in vivo evaluation of zero-order drug release from a novel triple-layered tablet matrix. *Expert Opinion on Drug Delivery*, **2015**, 12, 693-713	8	1
81	In vitro pharmaceutical characterization and statistical optimization of a novel topically applied instantly-soluble solid eye drop matrix. *Pharmaceutical Development and Technology*, **2015**, 20, 854-862	3.4	5
80	A Co-blended Locust Bean Gum and Polymethacrylate-NaCMC Matrix to Achieve Zero-Order Release via Hydro-Erosive Modulation. *AAPS PharmSciTech*, **2015**, 16, 1377-89	3.9	11

79	Ex vivo evaluation of a microneedle array device for transdermal application. *International Journal of Pharmaceutics*, **2015**, 496, 351-9	6.5	5
78	An optimized gastroretentive nanosystem for the delivery of levodopa. *International Journal of Pharmaceutics*, **2015**, 494, 49-65	6.5	17
77	Enhancement of the biomineralization and cellular adhesivity of polycaprolactone-based hollow porous microspheres via dopamine bio-activation for tissue engineering applications. *Materials Letters*, **2015**, 161, 503-507	3.3	11
76	A novel pH-responsive interpolyelectrolyte hydrogel complex for the oral delivery of levodopa. Part II: characterization and formulation of an IPEC-based tablet matrix. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 1085-94	5.4	2
75	A novel pH-responsive interpolyelectrolyte hydrogel complex for the oral delivery of levodopa. Part I. IPEC modeling and synthesis. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 1077-84	5.4	6
74	Potential nanotechnologies and molecular targets in the quest for efficient chemotherapy in ovarian cancer. *Expert Opinion on Drug Delivery*, **2015**, 12, 613-34	8	2
73	A Novel Melt-Dispersion Technique for Simplistic Preparation of Chlorpromazine-Loaded Polycaprolactone Nanocapsules. *Polymers*, **2015**, 7, 1145-1176	4.5	10
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