

Munish Ahuja

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264
papers

5,285
citations

38
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60
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277
ext. papers

6,431
ext. citations

5.3
avg, IF

6.24
L-index

#	Paper	IF	Citations
264	A review of the chemical modification techniques of starch. <i>Carbohydrate Polymers</i> , 2017 , 157, 1226-1236	6.3	229
263	Current advances in the fabrication of microneedles for transdermal delivery. <i>Journal of Controlled Release</i> , 2014 , 185, 130-8	11.7	218
262	A review of advanced oral drug delivery technologies facilitating the protection and absorption of protein and peptide molecules. <i>Biotechnology Advances</i> , 2014 , 32, 1269-1282	17.8	193
261	Topical ocular delivery of NSAIDs. <i>AAPS Journal</i> , 2008 , 10, 229-41	3.7	139
260	Thiolated pectin: Synthesis, characterization and evaluation as a mucoadhesive polymer. <i>Carbohydrate Polymers</i> , 2011 , 85, 658-663	10.3	135
259	A Review of Injectable Polymeric Hydrogel Systems for Application in Bone Tissue Engineering. <i>Molecules</i> , 2016 , 21,	4.8	119
258	Parameters and characteristics governing cellular internalization and trans-barrier trafficking of nanostructures. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2191-206	7.3	103
257	Xanthan-g-poly(acrylamide): Microwave-assisted synthesis, characterization and in vitro release behavior. <i>Carbohydrate Polymers</i> , 2009 , 76, 261-267	10.3	97
256	Synthesis, characterization and evaluation of thiolated tamarind seed polysaccharide as a mucoadhesive polymer. <i>Carbohydrate Polymers</i> , 2012 , 90, 1543-9	10.3	96
255	Carboxymethyl tamarind kernel polysaccharide nanoparticles for ophthalmic drug delivery. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 833-9	7.9	84
254	Evaluation of carboxymethyl gellan gum as a mucoadhesive polymer. <i>International Journal of Biological Macromolecules</i> , 2013 , 53, 114-21	7.9	83
253	Carboxymethyl gum kondagogu: synthesis, characterization and evaluation as mucoadhesive polymer. <i>Carbohydrate Polymers</i> , 2012 , 90, 637-43	10.3	77
252	3D-printing and the effect on medical costs: a new era?. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2016 , 16, 23-32	2.2	76
251	Bypassing P-Glycoprotein Drug Efflux Mechanisms: Possible Applications in Pharmaco-resistant Schizophrenia Therapy. <i>BioMed Research International</i> , 2015 , 2015, 484963	3	71
250	A composite chitosan-gelatin bi-layered, biomimetic macroporous scaffold for blood vessel tissue engineering. <i>Carbohydrate Polymers</i> , 2017 , 157, 1215-1225	10.3	68
249	Thiolated pectin nanoparticles: Preparation, characterization and ex vivo corneal permeation study. <i>Carbohydrate Polymers</i> , 2012 , 87, 1606-1610	10.3	67
248	Application of response surface methodology to formulation of ionotropically gelled gum cordia/gellan beads. <i>Carbohydrate Polymers</i> , 2010 , 80, 161-167	10.3	66

247	Functionalizing bioinks for 3D bioprinting applications. <i>Drug Discovery Today</i> , 2019 , 24, 198-205	8.8	64
246	Gellan gum blended PEI nanocomposites as gene delivery agents: evidences from in vitro and in vivo studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 79, 3-14	5.7	63
245	A Polyvinyl Alcohol-Polyaniline Based Electro-Conductive Hydrogel for Controlled Stimuli-Actuable Release of Indomethacin. <i>Polymers</i> , 2011 , 3, 150-172	4.5	57
244	Ionic Liquids as Potential and Synergistic Permeation Enhancers for Transdermal Drug Delivery. <i>Pharmaceutics</i> , 2019 , 11,	6.4	56
243	A Review of Thermo- and Ultrasound-Responsive Polymeric Systems for Delivery of Chemotherapeutic Agents. <i>Polymers</i> , 2016 , 8,	4.5	54
242	Hansch analysis of substituted benzoic acid benzylidene/furan-2-yl-methylene hydrazides as antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 1853-63	6.8	53
241	Synthesis, characterization and in vitro release behavior of carboxymethyl xanthan. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 1086-90	7.9	49
240	Thiol derivatization of Xanthan gum and its evaluation as a mucoadhesive polymer. <i>Carbohydrate Polymers</i> , 2015 , 131, 119-24	10.3	48
239	Synthesis of Cerium Oxide Nanoparticles Using Various Methods: Implications for Biomedical Applications. <i>Nanomaterials</i> , 2020 , 10,	5.4	48
238	An interfacially plasticized electro-responsive hydrogel for transdermal electro-activated and modulated (TEAM) drug delivery. <i>International Journal of Pharmaceutics</i> , 2014 , 462, 52-65	6.5	48
237	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 51-59	6	47
236	Enhancement of anti-inflammatory activity of glycyrrhizic acid by encapsulation in chitosan-katira gum nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 105, 141-7	5.7	46
235	Isonicotinic acid hydrazone derivatives: synthesis, antimicrobial activity, and QSAR studies. <i>Medicinal Chemistry Research</i> , 2012 , 21, 1451-1470	2.2	45
234	Evaluation of Mimosa pudica seed mucilage as sustained-release excipient. <i>AAPS PharmSciTech</i> , 2009 , 10, 1121-7	3.9	45
233	A Review: Overview of Novel Polyelectrolyte Complexes as Prospective Drug Bioavailability Enhancers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 955-968	3	44
232	Psyllium arabinoxylan: carboxymethylation, characterization and evaluation for nanoparticulate drug delivery. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 495-501	7.9	44
231	In silico theoretical molecular modeling for Alzheimer's disease: the nicotine-curcumin paradigm in neuroprotection and neurotherapy. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 694-724	6.3	43
230	Self-assembling peptides: implications for patenting in drug delivery and tissue engineering. <i>Recent Patents on Drug Delivery and Formulation</i> , 2011 , 5, 24-51	1.4	41

229	Novel high-viscosity polyacrylamidated chitosan for neural tissue engineering: fabrication of anisotropic neurodurable scaffold via molecular disposition of persulfate-mediated polymer slicing and complexation. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 13966-84	6.3	41
228	Carboxymethyl gum kondagogu-chitosan polyelectrolyte complex nanoparticles: preparation and characterization. <i>International Journal of Biological Macromolecules</i> , 2013 , 62, 80-4	7.9	39
227	Evaluation of tropicamide-loaded tamarind seed xyloglucan nanoaggregates for ophthalmic delivery. <i>Carbohydrate Polymers</i> , 2013 , 94, 286-91	10.3	39
226	Synthesis and antitubercular activities of substituted benzoic acid NQ(substituted benzylidene/furan-2-ylmethylene)-N-(pyridine-3-carbonyl)-hydrazides. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 6085-9	6.8	37
225	Gellan-thioglycolic acid conjugate: synthesis, characterization and evaluation as mucoadhesive polymer. <i>Carbohydrate Polymers</i> , 2014 , 99, 601-7	10.3	36
224	A review of bioactive release from nerve conduits as a neurotherapeutic strategy for neuronal growth in peripheral nerve injury. <i>BioMed Research International</i> , 2014 , 2014, 132350	3	36
223	Design, synthesis, antimicrobial, anticancer evaluation, and QSAR studies of 4-(substituted benzylidene-amino)-1,5-dimethyl-2-phenyl-1,2-dihydropyrazol-3-ones. <i>Medicinal Chemistry Research</i> , 2012 , 21, 3863-3875	2.2	35
222	Preparation and evaluation of nanoparticles of gum cordia, an anionic polysaccharide for ophthalmic delivery. <i>Carbohydrate Polymers</i> , 2010 , 81, 871-877	10.3	34
221	Overview of the role of nanotechnological innovations in the detection and treatment of solid tumors. <i>International Journal of Nanomedicine</i> , 2014 , 9, 589-613	7.3	33
220	Gum kondagogu-g-poly (acrylamide): Microwave-assisted synthesis, characterisation and release behaviour. <i>Carbohydrate Polymers</i> , 2011 , 86, 177-184	10.3	33
219	Cubic liquid crystalline nanoparticles: optimization and evaluation for ocular delivery of tropicamide. <i>Drug Delivery</i> , 2016 , 23, 3043-3054	7	32
218	Synthesis, antimycobacterial, antiviral, antimicrobial activities, and QSAR studies of isonicotinic acid-1-(substituted phenyl)-ethylidene/cycloheptylidene hydrazides. <i>Medicinal Chemistry Research</i> , 2012 , 21, 1935-1952	2.2	32
217	Multi-target therapeutics for neuropsychiatric and neurodegenerative disorders. <i>Drug Discovery Today</i> , 2016 , 21, 1886-1914	8.8	32
216	3D printed, controlled release, tritherapeutic tablet matrix for advanced anti-HIV-1 drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 138, 99-110	5.7	30
215	Enhancement of anti-inflammatory activity of bromelain by its encapsulation in katira gum nanoparticles. <i>Carbohydrate Polymers</i> , 2016 , 143, 18-24	10.3	29
214	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> , 2016 , 500, 196-209	6.5	29
213	Design of a Versatile pH-Responsive Hydrogel for Potential Oral Delivery of Gastric-Sensitive Bioactives. <i>Polymers</i> , 2017 , 9,	4.5	29
212	Synthesis of gum kondagogu-g-poly(N-vinyl-2-pyrrolidone) and its evaluation as a mucoadhesive polymer. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 756-62	7.9	29

211	Effect of formulation factors on in-vitro permeation of diclofenac from experimental and marketed aqueous eye drops through excised goat cornea. <i>Yakugaku Zasshi</i> , 2006 , 126, 1369-75	0	29
210	Development of a fluid-absorptive alginate-chitosan bioplatfrom for potential application as a wound dressing. <i>Carbohydrate Polymers</i> , 2019 , 222, 114988	10.3	28
209	A 3D bioprinted in situ conjugated-co-fabricated scaffold for potential bone tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 1311-1321	5.4	26
208	Improved metabolic stability and therapeutic efficacy of a novel molecular gemcitabine phospholipid complex. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 113-127	6.5	26
207	Synthesis, antimicrobial evaluation and QSAR studies of p-coumaric acid derivatives. <i>Arabian Journal of Chemistry</i> , 2017 , 10, S3804-S3815	5.9	26
206	Synthesis and antimicrobial activities of some isoxazolyl thiazolyl pyrazoles. <i>Medicinal Chemistry Research</i> , 2012 , 21, 3541-3548	2.2	26
205	Optimization, characterization and evaluation of chitosan-tailored cubic nanoparticles of clotrimazole. <i>International Journal of Biological Macromolecules</i> , 2015 , 73, 138-45	7.9	25
204	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> , 2020 , 108, 2324-2350	5.4	25
203	Evaluation of carboxymethyl moringa gum as nanometric carrier. <i>Carbohydrate Polymers</i> , 2017 , 174, 896-903	10.3	25
202	Isoniazid: the magic molecule. <i>Medicinal Chemistry Research</i> , 2012 , 21, 3940-3957	2.2	25
201	Stimuli-Responsive Polymeric Systems for Controlled Protein and Peptide Delivery: Future Implications for Ocular Delivery. <i>Molecules</i> , 2016 , 21,	4.8	25
200	Diclofenac-loaded Eudragit S100 nanosuspension for ophthalmic delivery. <i>Journal of Microencapsulation</i> , 2011 , 28, 37-45	3.4	24
199	Improved oral bioavailability and therapeutic efficacy of erlotinib through molecular complexation with phospholipid. <i>International Journal of Pharmaceutics</i> , 2017 , 534, 1-13	6.5	23
198	Preparation and evaluation of chitosan/itraconazole co-precipitated nanosuspension for ocular delivery. <i>Journal of Experimental Nanoscience</i> , 2015 , 10, 209-221	1.9	22
197	Polyelectrolyte complex of carboxymethyl gum katira-chitosan: Preparation and characterization. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 1184-1191	7.9	22
196	Improving drug delivery technology for treating neurodegenerative diseases. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 1029-43	8	22
195	Thiol modification of psyllium husk mucilage and evaluation of its mucoadhesive applications. <i>Scientific World Journal, The</i> , 2013 , 2013, 284182	2.2	22
194	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021 , 70, 754-763	3	22

193	Microwave-assisted facile synthesis of a new tri-block chitosan conjugate with improved mucoadhesion. <i>Carbohydrate Polymers</i> , 2015 , 130, 213-21	10.3	21
192	A review of semi-synthetic biopolymer complexes: modified polysaccharide nano-carriers for enhancement of oral drug bioavailability. <i>Pharmaceutical Development and Technology</i> , 2017 , 22, 283-293	3.4	21
191	Mimosa pudica seed mucilage: isolation; characterization and evaluation as tablet disintegrant and binder. <i>International Journal of Biological Macromolecules</i> , 2013 , 57, 105-10	7.9	21
190	Pharmaceutical Applications of Chemometric Techniques 2013 , 2013, 1-13		20
189	Synthesis, antimycobacterial, antiviral, antimicrobial activity and QSAR studies of N(2)-acyl isonicotinic acid hydrazide derivatives. <i>Medicinal Chemistry</i> , 2013 , 9, 53-76	1.8	20
188	Thiol modified Moringa gum - A potential bioadhesive polymer. <i>Carbohydrate Polymers</i> , 2019 , 209, 400-408	10.3	20
187	Synthesis and antimicrobial evaluation of ferulic acid derivatives. <i>Research on Chemical Intermediates</i> , 2015 , 41, 299-309	2.8	18
186	Therapeutic applications and pharmacoeconomics of microneedle technology. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2018 , 18, 359-369	2.2	18
185	A Hybrid Methacrylate-Sodium Carboxymethylcellulose Interpolyelectrolyte Complex: Rheometry and Disposition for Controlled Drug Release. <i>Materials</i> , 2013 , 6, 4284-4308	3.5	18
184	Thiolation of Biopolymers for Developing Drug Delivery Systems with Enhanced Mechanical and Mucoadhesive Properties: A Review. <i>Polymers</i> , 2020 , 12,	4.5	18
183	Carboxymethyl gum katira: synthesis, characterization and evaluation for nanoparticulate drug delivery. <i>RSC Advances</i> , 2015 , 5, 82363-82373	3.7	17
182	An optimized gastroretentive nanosystem for the delivery of levodopa. <i>International Journal of Pharmaceutics</i> , 2015 , 494, 49-65	6.5	17
181	Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101297	4.5	17
180	Gum ghatti-chitosan polyelectrolyte nanoparticles: preparation and characterization. <i>International Journal of Biological Macromolecules</i> , 2013 , 61, 411-5	7.9	17
179	Design and characterization of neurodurable gellan-xanthan pH-responsive hydrogels for controlled drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 291-306	8	16
178	Targeted nanotechnologies for cancer intervention: a patent review (2010-2016). <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 1005-1019	6.8	16
177	Alternative fluorophores designed for advanced molecular imaging. <i>Drug Discovery Today</i> , 2018 , 23, 1158183	13	16
176	Development and Mechanistic Insight into the Enhanced Cytotoxic Potential of Parvifloron D Albumin Nanoparticles in EGFR-Overexpressing Pancreatic Cancer Cells. <i>Cancers</i> , 2019 , 11,	6.6	16

175	Evaluation of mimosa seed mucilage as bucoadhesive polymer. <i>Yakugaku Zasshi</i> , 2010 , 130, 937-44	0	16
174	Metronidazole loaded carboxymethyl tamarind kernel polysaccharide-polyvinyl alcohol cryogels: preparation and characterization. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 931-8	7.9	15
173	Dexamethasone-Loaded, PEGylated, Vertically Aligned, Multiwalled Carbon Nanotubes for Potential Ischemic Stroke Intervention. <i>Molecules</i> , 2018 , 23,	4.8	15
172	Design of an anti-inflammatory composite nanosystem and evaluation of its potential for ocular drug delivery. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 2780-805	3.9	15
171	Evaluation of mucoadhesive potential of gum cordia, an anionic polysaccharide. <i>International Journal of Biological Macromolecules</i> , 2013 , 55, 109-12	7.9	15
170	Carboxymethyl sesbania gum: Synthesis, characterization and evaluation for drug delivery. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 75-83	7.9	14
169	Development of a Gastric Absorptive, Immediate Responsive, Oral Protein-Loaded Versatile Polymeric Delivery System. <i>AAPS PharmSciTech</i> , 2017 , 18, 2479-2493	3.9	14
168	In situ thermo-co-electroresponsive mucogel for controlled release of bioactive agent. <i>International Journal of Pharmaceutics</i> , 2019 , 559, 255-270	6.5	14
167	Tamarind Seed Polysaccharide-g-Poly(N-Vinyl-2-Pyrrolidone): Microwave-Assisted Synthesis, Characterization, and Evaluation as Mucoadhesive Polymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013 , 62, 544-549	3	14
166	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> , 2017 , 532, 90-104	6.5	14
165	A Review of Nanotechnology for Targeted Anti-schistosomal Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 32	5.8	13
164	Orally Administered Therapeutic Peptide Delivery: Enhanced Absorption Through the Small Intestine Using Permeation Enhancers. <i>International Journal of Peptide Research and Therapeutics</i> , 2012 , 18, 259-280	2.1	13
163	Hepatoprotective Study of Curcumin-Soya Lecithin Complex. <i>Scientia Pharmaceutica</i> , 2008 , 76, 761-774	4.3	13
162	Rutin loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Life Sciences</i> , 2021 , 276, 119436	6.8	13
161	A dual pH/Redox responsive copper-ligand nanoliposome bioactive complex for the treatment of chronic inflammation. <i>International Journal of Pharmaceutics</i> , 2016 , 509, 348-359	6.5	13
160	In silico analytico-mathematical interpretation of biopolymeric assemblies: Quantification of energy surfaces and molecular attributes via atomistic simulations. <i>Bioengineering and Translational Medicine</i> , 2018 , 3, 222-231	14.8	13
159	Development of an injectable pseudo-bone thermo-gel for application in small bone fractures. <i>International Journal of Pharmaceutics</i> , 2017 , 520, 39-48	6.5	12
158	Proteosaccharide combinations for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2020 , 235, 115932	10.3	12

157	Nanoparticulate strategies for the five R ^Q of traumatic spinal cord injury intervention: restriction, repair, regeneration, restoration and reorganization. <i>Nanomedicine</i> , 2014 , 9, 331-48	5.6	12
156	Synthesis, in vitro antimicrobial, anticancer evaluation and QSAR studies of N ² -(substituted)-4-(butan-2-ylideneamino)benzohydrazides. <i>Arabian Journal of Chemistry</i> , 2014 , 7, 448-460	5.9	12
155	In silico affinity profiling of neuroactive polyphenols for post-traumatic calpain inactivation: a molecular docking and atomistic simulation sensitivity analysis. <i>Molecules</i> , 2014 , 20, 135-68	4.8	12
154	In vitro corneal permeation of diclofenac from oil drops. <i>Yakugaku Zasshi</i> , 2007 , 127, 1739-45	0	12
153	2-(2,4-Difluorophenyl)-1,3-bis(1,2,4-triazol-1-yl)propan-2-ol derivatives: synthesis, antifungal evaluation and QSAR studies by Hansch analysis. <i>Arkivoc</i> , 2007 , 2007, 172-184	0.9	12
152	A Co-blended Locust Bean Gum and Polymethacrylate-NaCMC Matrix to Achieve Zero-Order Release via Hydro-Erosive Modulation. <i>AAPS PharmSciTech</i> , 2015 , 16, 1377-89	3.9	11
151	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> , 2015 , 161, 503-507	3.3	11
150	Dendritic platforms for biomimicry and biotechnological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 861-875	6.1	11
149	Moringa gum-g-poly(N-vinyl-2-pyrrolidone) - a potential buccoadhesive polymer. <i>International Journal of Biological Macromolecules</i> , 2018 , 109, 732-739	7.9	11
148	Development of a Novel Polymeric Nanocomposite Complex for Drugs with Low Bioavailability. <i>AAPS PharmSciTech</i> , 2018 , 19, 303-314	3.9	11
147	A review of formulation techniques that impact the disintegration and mechanical properties of orodispersible drug delivery technologies. <i>Pharmaceutical Development and Technology</i> , 2016 , 21, 354-66	3.4	11
146	MW-assisted synthesis of carboxymethyl tamarind kernel polysaccharide-g-polyacrylonitrile: optimization and characterization. <i>Carbohydrate Polymers</i> , 2014 , 113, 532-8	10.3	11
145	Synthesis, antimicrobial evaluation and QSAR studies of gallic acid derivatives. <i>Arabian Journal of Chemistry</i> , 2017 , 10, S2870-S2880	5.9	11
144	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> , 2014 , 466, 296-306	6.5	11
143	Effect of Formulation Parameters on Corneal Permeability of Ofloxacin. <i>Scientia Pharmaceutica</i> , 2008 , 76, 505-514	4.3	11
142	Bioplatfrom Fabrication Approaches Affecting Chitosan-Based Interpolymer Complex Properties and Performance as Wound Dressings. <i>Molecules</i> , 2020 , 25,	4.8	11
141	Ca ₃ (PO ₄) ₂ precipitated layering of an in situ hybridized PVA/Ca ₂ O ₄ Si nanofibrous antibacterial wound dressing. <i>International Journal of Pharmaceutics</i> , 2016 , 507, 41-9	6.5	11
140	Oroactive dental biomaterials and their use in endodontic therapy. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 201-212	3.5	11

139	Functionalized, Vertically Super-Aligned Multiwalled Carbon Nanotubes for Potential Biomedical Applications. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
138	Drug Delivery Strategies for Antivirals against Hepatitis B Virus. <i>Viruses</i> , 2018 , 10,	6.2	10
137	Synthesis, antimicrobial, anticancer evaluation and QSAR studies of N?-substituted benzylidene/2-hydroxynaphthalen-1-ylmethylene/3-phenylallylidene/5-oxopentylidene -4-(2-oxo-2-(4H-1,2,4-triazol-4-yl) methylamino)benzohydrazides. <i>Arabian Journal of Chemistry</i> , 2017 , 10, S2009-S2017	5.9	10
136	A Novel Melt-Dispersion Technique for Simplistic Preparation of Chlorpromazine-Loaded Polycaprolactone Nanocapsules. <i>Polymers</i> , 2015 , 7, 1145-1176	4.5	10
135	A gastro-resistant ovalbumin bi-layered mini-tablet-in-tablet system for the delivery of Lactobacillus acidophilus probiotic to simulated human intestinal and colon conditions. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 939-50	4.8	10
134	Carboxymethyl functionalization of amylopectin and its evaluation as a nanometric drug carrier. <i>International Journal of Biological Macromolecules</i> , 2013 , 62, 25-9	7.9	10
133	Hansch analysis for the prediction of antimycobacterial activity of ofloxacin derivatives. <i>Medicinal Chemistry Research</i> , 2011 , 20, 826-837	2.2	10
132	A bio-injectable algin-aminocaproic acid thixogel with tri-stimuli responsiveness. <i>Carbohydrate Polymers</i> , 2016 , 135, 324-33	10.3	9
131	Implantable and transdermal polymeric drug delivery technologies for the treatment of central nervous system disorders. <i>Pharmaceutical Development and Technology</i> , 2017 , 22, 476-486	3.4	9
130	In Vivo Evaluation of a PEO-Gellan Gum Semi-Interpenetrating Polymer Network for the Oral Delivery of Sulpiride. <i>AAPS PharmSciTech</i> , 2017 , 18, 654-670	3.9	9
129	Co-aerosolized Pulmonary Surfactant and Ambroxol for COVID-19 ARDS Intervention: What Are We Waiting for?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 577172	5.8	9
128	Polymeric, injectable, intravitreal hydrogel devices for posterior segment applications and interventions. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1074-1081	6.1	9
127	Time-Domain Analysis of Molecular Dynamics Trajectories Using Deep Neural Networks: Application to Activity Ranking of Tankyrase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2019 , 59, 3519-3532	6.1	9
126	Synthesis, anti-microbial evaluation, and QSAR studies of 4-amino-3-hydroxy-naphthalene-1-sulfonic acid derivatives. <i>Medicinal Chemistry Research</i> , 2012 , 21, 4301-4310	2.2	9
125	Biopolymeric, Nanopatterned, Fibrous Carriers for Wound Healing Applications. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4894-4908	3.3	9
124	Discovery of Novel Tankyrase Inhibitors through Molecular Docking-Based Virtual Screening and Molecular Dynamics Simulation Studies. <i>Molecules</i> , 2020 , 25,	4.8	9
123	The Influence of Lyophilized EmuGel Silica Microspheres on the Physicomechanical Properties, In Vitro Bioactivity and Biodegradation of a Novel Ciprofloxacin-Loaded PCL/PAA Scaffold. <i>Polymers</i> , 2016 , 8,	4.5	9
122	Artificial, Triple-Layered, Nanomembranous Wound Patch for Potential Diabetic Foot Ulcer Intervention. <i>Materials</i> , 2018 , 11,	3.5	9

121	Recent Advances in Microneedle Platforms for Transdermal Drug Delivery Technologies. <i>Polymers</i> , 2021 , 13,	4.5	9
120	Preparation and evaluation of anti-inflammatory activity of gugulipid-loaded proniosomal gel. <i>Acta Poloniae Pharmaceutica</i> , 2011 , 68, 147-50	1.3	9
119	Folate-induced nanostructural changes of oligochitosan nanoparticles and their fate of cellular internalization by melanoma. <i>Carbohydrate Polymers</i> , 2020 , 244, 116488	10.3	8
118	How Can Biomolecules Improve Mucoadhesion of Oral Insulin? A Comprehensive Insight using , , and Models. <i>Biomolecules</i> , 2020 , 10,	5.9	8
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116	Improved antioxidant, antimicrobial and anticancer activity of naringenin on conjugation with pectin. <i>3 Biotech</i> , 2019 , 9, 312	2.8	8
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