

# Amit Kumar Nayak

## List of Publications by Citations

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220  
papers

5,665  
citations

51  
h-index

69  
g-index

224  
ext. papers

6,317  
ext. citations

3.8  
avg, IF

6.62  
L-index

#	Paper	IF	Citations
220	Development of pH-sensitive tamarind seed polysaccharide-alginate composite beads for controlled diclofenac sodium delivery using response surface methodology. <i>International Journal of Biological Macromolecules</i> , <b>2011</b> , 49, 784-93	7.9	191
219	Formulation, optimization and evaluation of transferosomal gel for transdermal insulin delivery. <i>Saudi Pharmaceutical Journal</i> , <b>2012</b> , 20, 355-63	4.4	157
218	Carbopol gel containing chitosan-egg albumin nanoparticles for transdermal aceclofenac delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 114, 36-44	6	154
217	Calcium alginate/gum Arabic beads containing glibenclamide: development and in vitro characterization. <i>International Journal of Biological Macromolecules</i> , <b>2012</b> , 51, 1070-8	7.9	149
216	Fenugreek seed mucilage-alginate mucoadhesive beads of metformin HCl: Design, optimization and evaluation. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 54, 144-54	7.9	119
215	Novel tamarind seed polysaccharide-alginate mucoadhesive microspheres for oral gliclazide delivery: in vitro-in vivo evaluation. <i>Drug Delivery</i> , <b>2012</b> , 19, 123-31	7	111
214	Aceclofenac-loaded chitosan-tamarind seed polysaccharide interpenetrating polymeric network microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 105, 303-9	6	108
213	Development of cloxacillin loaded multiple-unit alginate-based floating system by emulsion-gelation method. <i>International Journal of Biological Macromolecules</i> , <b>2012</b> , 50, 138-47	7.9	100
212	Development, optimization, and anti-diabetic activity of gliclazide-loaded alginate-methyl cellulose mucoadhesive microcapsules. <i>AAPS PharmSciTech</i> , <b>2011</b> , 12, 1431-41	3.9	98
211	Alginate-okra gum blend beads of diclofenac sodium from aqueous template using ZnSO <sub>4</sub> as a cross-linker. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 555-63	7.9	95
210	Tamarind seed polysaccharide-gellan mucoadhesive beads for controlled release of metformin HCl. <i>Carbohydrate Polymers</i> , <b>2014</b> , 103, 154-63	10.3	94
209	Okra ( <i>Hibiscus esculentus</i> ) gum-alginate blend mucoadhesive beads for controlled glibenclamide release. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 1069-75	7.9	93
208	Development of chitosan-based nanoparticles through inter-polymeric complexation for oral drug delivery. <i>Carbohydrate Polymers</i> , <b>2013</b> , 98, 870-6	10.3	93
207	Calcium pectinate-fenugreek seed mucilage mucoadhesive beads for controlled delivery of metformin HCl. <i>Carbohydrate Polymers</i> , <b>2013</b> , 96, 349-57	10.3	92
206	Alginate-sterculia gum gel-coated oil-entrapped alginate beads for gastroretentive risperidone delivery. <i>Carbohydrate Polymers</i> , <b>2015</b> , 120, 74-84	10.3	91
205	Swelling and drug release behavior of metformin HCl-loaded tamarind seed polysaccharide-alginate beads. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 82, 1023-7	7.9	89
204	Zinc alginate-carboxymethyl cashew gum microbeads for prolonged drug release: development and optimization. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 70, 506-15	7.9	89

203	Mucoadhesive-floating zinc-pectinate-sterculia gum interpenetrating polymer network beads encapsulating ziprasidone HCl. <i>Carbohydrate Polymers</i> , <b>2015</b> , 131, 108-18	10.3	85
202	Aceclofenac-loaded unsaturated esterified alginate/gellan gum microspheres: in vitro and in vivo assessment. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 57, 129-37	7.9	84
201	Formulation optimization and evaluation of jackfruit seed starch-alginate mucoadhesive beads of metformin HCl. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 59, 264-72	7.9	84
200	Alginate-based bipolymeric-nanobioceramic composite matrices for sustained drug release. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 83, 71-7	7.9	81
199	Development of calcium pectinate-tamarind seed polysaccharide mucoadhesive beads containing metformin HCl. <i>Carbohydrate Polymers</i> , <b>2014</b> , 101, 220-30	10.3	79
198	Screening of polysaccharides from tamarind, fenugreek and jackfruit seeds as pharmaceutical excipients. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 756-60	7.9	79
197	Ispaghula mucilage-gellan mucoadhesive beads of metformin HCl: development by response surface methodology. <i>Carbohydrate Polymers</i> , <b>2014</b> , 107, 41-50	10.3	77
196	Purple heart plant leaves extract-mediated silver nanoparticle synthesis: Optimization by Box-Behnken design. <i>Materials Science and Engineering C</i> , <b>2019</b> , 99, 1105-1114	8.3	77
195	Polysorbate 80 coated crosslinked chitosan nanoparticles of ropinirole hydrochloride for brain targeting. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 48, 21-29	4.5	75
194	Topical gels of lidocaine HCl using cashew gum and Carbopol 940: preparation and in vitro skin permeation. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 62, 514-7	7.9	75
193	Type II diabetes mellitus: a review on recent drug based therapeutics. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 131, 110708	7.5	75
192	Alginate gel-coated oil-entrapped alginate-tamarind gum-magnesium stearate buoyant beads of risperidone. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 78, 102-11	7.9	73
191	Oil-entrapped sterculia gum-alginate buoyant systems of aceclofenac: development and in vitro evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 104, 268-75	6	72
190	Formulation and statistical optimization of multiple-unit ibuprofen-loaded buoyant system using 23-factorial design. <i>Chemical Engineering Research and Design</i> , <b>2012</b> , 90, 1834-1846	5.5	69
189	Chitosan-Hydroxypropyl Methylcellulose Matrices as Carriers for Hydrodynamically Balanced Capsules of Moxifloxacin HCl. <i>Current Drug Delivery</i> , <b>2017</b> , 14, 83-90	3.2	69
188	Trigonella foenum-graecum L. seed mucilage-gellan mucoadhesive beads for controlled release of metformin HCl. <i>Carbohydrate Polymers</i> , <b>2014</b> , 107, 31-40	10.3	68
187	. <i>ScienceAsia</i> , <b>2010</b> , 36, 319	1.4	68
186	Modified starch (cationized)alginate beads containing aceclofenac: Formulation optimization using central composite design. <i>Starch/Staerke</i> , <b>2013</b> , 65, 603-612	2.3	67

185	Transfersosomal gel for transdermal delivery of risperidone: Formulation optimization and ex vivo permeation. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 38, 59-71	4.5	65
184	Blends of jackfruit seed starch-pectin in the development of mucoadhesive beads containing metformin HCl. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 62, 137-45	7.9	65
183	Evaluation of <i>Spinacia oleracea</i> L. leaves mucilage as an innovative suspending agent. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , <b>2010</b> , 1, 338-41		64
182	Isolation and characterization of <i>Linum usitatissimum</i> polysaccharide to prepare mucoadhesive beads of diclofenac sodium. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 116, 162-172	7.9	63
181	Development, optimization and in vitro-in vivo evaluation of pioglitazone- loaded jackfruit seed starch-alginate beads. <i>Current Drug Delivery</i> , <b>2013</b> , 10, 608-19	3.2	63
180	Development of pectinate-ispagula mucilage mucoadhesive beads of metformin HCl by central composite design. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 66, 203-11	7.9	61
179	<i>Artocarpus heterophyllus</i> L. seed starch-blended gellan gum mucoadhesive beads of metformin HCl. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 65, 329-39	7.9	60
178	Voriconazole loaded nanostructured lipid carriers based topical delivery system: QbD based designing, characterization, in-vitro and ex-vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 52, 303-315	4.5	59
177	Optimization of aceclofenac-loaded pectinate-poly(vinyl pyrrolidone) beads by response surface methodology. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 62, 194-202	7.9	58
176	Development of hydroxyapatite-ciprofloxacin bone-implants using "Quality by design". <i>Acta Pharmaceutica</i> , <b>2011</b> , 61, 25-36	3.2	57
175	Potato starch-blended alginate beads for prolonged release of tolbutamide: Development by statistical optimization and in vitro characterization. <i>Asian Journal of Pharmaceutics (discontinued)</i> , <b>2013</b> , 7, 43	0.5	55
174	Formulation and evaluation of buccal patches for delivery of atenolol. <i>AAPS PharmSciTech</i> , <b>2010</b> , 11, 1038-44	3.9	55
173	Tamarind Seed Polysaccharide: An Emerging Excipient for Pharmaceutical Use. <i>Indian Journal of Pharmaceutical Education and Research</i> , <b>2017</b> , 51, s136-s146	1.7	55
172	Aceclofenac-Loaded <i>Plantago ovata</i> F. Husk Mucilage-Zn <sup>2+</sup> -Pectinate Controlled-Release Matrices. <i>Starch/Staerke</i> , <b>2018</b> , 70, 1700136	2.3	55
171	Bactericidal activity of silver nanoparticles: A mechanistic review. <i>Materials Science for Energy Technologies</i> , <b>2020</b> , 3, 756-769	5.2	53
170	Development, optimization, and evaluation of emulsion-gelled floating beads using natural polysaccharide-blend for controlled drug release. <i>Polymer Engineering and Science</i> , <b>2013</b> , 53, 238-250	2.3	52
169	Pharmacokinetic evaluation of testosterone-loaded nanocapsules in rats. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 28-30	7.9	49
168	Extraction and characterization of cashew tree ( <i>Anacardium occidentale</i> ) gum; use in aceclofenac dental pastes. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 116, 1074-1081	7.9	48

167	Floating capsules containing alginate-based beads of salbutamol sulfate: In vitro-in vivo evaluations. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 64, 181-9	7.9	44
166	Development of topical gel containing aceclofenac-crospovidone solid dispersion by Quality by Design (QbD) Approach. <i>Chemical Engineering Research and Design</i> , <b>2014</b> , 92, 2095-2105	5.5	41
165	Novel alginate hydrogel core-shell systems for combination delivery of ranitidine HCl and aceclofenac. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 74, 85-92	7.9	41
164	Soluble starch-blended Ca <sup>2+</sup> -Zn <sup>2+</sup> -alginate composites-based microparticles of aceclofenac: Formulation development and in vitro characterization. <i>Future Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 4, 63-70	2.1	35
163	Molecular insights and novel approaches for targeting tumor metastasis. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 585, 119556	6.5	33
162	Sterculia Gum-Based Hydrogels for Drug Delivery Applications. <i>Springer Series on Polymer and Composite Materials</i> , <b>2016</b> , 105-151	0.9	33
161	Development and optimization of hydroxyapatite-ofloxacin implants for possible bone delivery in osteomyelitis treatment. <i>Current Drug Delivery</i> , <b>2013</b> , 10, 241-50	3.2	31
160	Development of lamivudine containing multiple emulsions stabilized by gum odina. <i>Future Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 4, 71-79	2.1	30
159	Development and evaluation of microemulsions for transdermal delivery of insulin. <i>ISRN Pharmaceutics</i> , <b>2011</b> , 2011, 780150		28
158	Gastroretentive hydrodynamically balanced systems of ofloxacin: In vitro evaluation. <i>Saudi Pharmaceutical Journal</i> , <b>2013</b> , 21, 113-7	4.4	24
157	Candesartan cilexetil microemulsions for transdermal delivery: formulation, in-vitro skin permeation and stability assessment. <i>Current Drug Delivery</i> , <b>2014</b> , 11, 313-21	3.2	24
156	Global impacts of pre- and post-COVID-19 pandemic: Focus on socio-economic consequences. <i>Sensors International</i> , <b>2020</b> , 1, 100042	6.1	23
155	Formulation and ex vivo skin permeation of lidocaine HCl topical gels using dillenia ( <i>Dillenia indica</i> L.) fruit gum. <i>Revista Mexicana De Ingeniera Quimica</i> , <b>2020</b> , 19, 1465-1476	1.8	22
154	Development and optimization of besifloxacin hydrochloride loaded liposomal gel prepared by thin film hydration method using 32 full factorial design. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 585, 124071	5.1	22
153	QbD-driven formulation development and evaluation of topical hydrogel containing ketoconazole loaded cubosomes. <i>Materials Science and Engineering C</i> , <b>2021</b> , 119, 111548	8.3	22
152	In vivo ciprofloxacin release from hydroxyapatite-based bone implants in rabbit tibia: a preliminary study. <i>ISRN Orthopedics</i> , <b>2011</b> , 2011, 420549		21
151	Ethyl Cellulose Microparticles Containing Metformin HCl by Emulsification-Solvent Evaporation Technique: Effect of Formulation Variables. <i>ISRN Polymer Science</i> , <b>2012</b> , 2012, 1-7		21
150	Carbon Nanotubes: An Emerging Drug Delivery Carrier in Cancer Therapeutics. <i>Current Drug Delivery</i> , <b>2020</b> , 17, 558-576	3.2	20

149	Atenolol-releasing buccal patches made of <i>Dillenia indica</i> L. fruit gum: preparation and ex vivo evaluations. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	20
148	Hydroxyapatite-alginate Based Matrices for Drug Delivery. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 3406-3416	3.4	19
147	Biodegradable polymer matrix nanocomposites for bone tissue engineering <b>2019</b> , 1-37		19
146	Preparation and evaluation of aceclofenac dental pastes using dillenia fruit gum for periodontitis treatment. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	18
145	Use of response surface methodology in the formulation and optimization of bisoprolol fumarate matrix tablets for sustained drug release. <i>ISRN Pharmaceutics</i> , <b>2012</b> , 2012, 730624		18
144	Alginate nanoparticles in drug delivery <b>2020</b> , 129-152		18
143	Gellan gum in drug delivery applications <b>2019</b> , 145-186		16
142	Stability indicating liquid chromatographic method for simultaneous quantification of betamethasone valerate and tazarotene in in vitro and ex vivo studies of complex nanoformulation. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 3413-3420	3.4	16
141	Natural polysaccharides in tissue engineering applications <b>2019</b> , 531-548		15
140	Alginates, Blends and Microspheres: Controlled Drug Delivery <b>2015</b> , 89-98		15
139	. <i>ScienceAsia</i> , <b>2011</b> , 37, 72	1.4	15
138	Antimicrobial activity assessment of time-dependent release bilayer tablets of amoxicillin trihydrate. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 48, 265-272	1.8	14
137	<i>Plantago ovata</i> F. Mucilage-Alginate Mucoadhesive Beads for Controlled Release of Glibenclamide: Development, Optimization, and In Vitro-In Vivo Evaluation. <i>Journal of Pharmaceutics</i> , <b>2013</b> , 2013, 151035	2.5	14
136	Alginate-based hydrogel systems for drug releasing in wound healing <b>2020</b> , 323-358		14
135	Plant Polysaccharides in Drug Delivery Applications. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 19-23	0.4	13
134	Approaches for prevention and environmental management of novel COVID-19. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 40311-40321	5.1	13
133	Use of alginates for drug delivery in dentistry <b>2020</b> , 387-404		13
132	Stimuli-responsive carbon nanotubes for targeted drug delivery <b>2019</b> , 321-344		12

131	Sterculia Gum Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 67-82	0.4	11
130	Cellulose-Based Hydrogels: Present and Future <b>2019</b> , 285-332		11
129	Alginates as drug delivery excipients <b>2020</b> , 19-39		11
128	Chitosan as responsive polymer for drug delivery applications <b>2018</b> , 581-605		11
127	Some Other Plant Polysaccharide Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 123-128	0.4	10
126	Tamarind Polysaccharide Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 31-59	0.4	10
125	Potato Starch Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 113-116	0.4	10
124	Synthesis and Characterization of Graft Copolymers of Plant Polysaccharides <b>2018</b> , 1-62		10
123	MODIFICATION OF GUMS BY PERIODATE OXIDATION: A NATURAL CROSS-LINKER. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2019</b> , 1-6	0.3	10
122	Preparation and characterization of vetiver oil encapsulated polymeric microcapsules for sedative and hypnotic activity. <i>International Journal of Research in Pharmaceutical Sciences</i> , <b>2019</b> , 10, 3616-3625	1.9	10
121	Applications of biomass-derived materials for energy production, conversion, and storage. <i>Materials Science for Energy Technologies</i> , <b>2020</b> , 3, 905-920	5.2	10
120	Polyelectrolyte complexes of alginate for controlling drug release <b>2020</b> , 297-321		10
119	Fenugreek Seed Mucilage Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 93-112	0.4	9
118	Gum Arabic Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 25-30	0.4	9
117	Linseed Polysaccharide Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 117-121	0.4	9
116	Application of Quality by Design for the Development of Biopharmaceuticals <b>2019</b> , 399-411		9
115	Okra Gum Based Multiple Units for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 83-92	0.4	9
114	Cashew gum in drug delivery applications <b>2019</b> , 263-283		9

113	Tamarind gum in drug delivery applications <b>2019</b> , 285-306		9
112	Nanocomposites for improved orthopedic and bone tissue engineering applications <b>2019</b> , 145-177		9
111	Development and Validation of QbD-Driven Bioanalytical LC-MS/MS Method for the Quantification of Paracetamol and Diclofenac in Human Plasma. <i>Analytical Chemistry Letters</i> , <b>2018</b> , 8, 677-691	1	9
110	Gelled Microparticles/Beads of Sterculia Gum and Tamarind Gum for Sustained Drug Release. <i>Gels Horizons: From Science To Smart Materials</i> , <b>2018</b> , 361-414		8
109	Sterculia gum in drug delivery applications <b>2019</b> , 223-247		8
108	Interpenetrating Polymer Networks (IPNs): Natural Polymeric Blends for Drug Delivery 4120-4130		8
107	Hydroxyapatite composites for dentistry <b>2019</b> , 123-143		8
106	Functionalization of Tamarind Gum for Drug Delivery. <i>Springer Series on Polymer and Composite Materials</i> , <b>2018</b> , 25-56	0.9	8
105	Gum-based hydrogels in drug delivery <b>2020</b> , 605-645		7
104	Locust Bean Gum Based Multiple Units for Oral Drug Delivery. <i>Springer Briefs in Applied Sciences and Technology</i> , <b>2019</b> , 61-66	0.4	7
103	Natural Starches-Blended Ionotropically Gelled Microparticles/Beads for Sustained Drug Release <b>2017</b> , 527-559		7
102	Plant Polysaccharides Blended Ionotropically Gelled Alginate Multiple Unit Systems for Sustained Drug Release <b>2017</b> , 399-440		7
101	Ondansetron HCl Microemulsions for Transdermal Delivery: Formulation and In Vitro Skin Permeation. <i>ISRN Pharmaceutics</i> , <b>2012</b> , 2012, 428396		7
100	Alginate-based hydrogels for drug delivery applications <b>2020</b> , 41-70		7
99	Alginate-based interpenetrating polymer networks for sustained drug release <b>2020</b> , 101-128		7
98	Nanocomposite materials for prosthetic devices <b>2019</b> , 127-144		7
97	Chitosan-based Interpenetrating Polymeric Network Systems for Sustained Drug Release 183-208		7
96	Recent progress in responsive polymer-based drug delivery systems <b>2019</b> , 569-595		6



95	Plant Polysaccharides-Based Multiple-Unit Systems for Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> ,	0.4	6
94	Gum odina as pharmaceutical excipient <b>2019</b> , 327-337		6
93	Carbon Nanotubes for Targeted Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> ,	0.4	6
92	Antioxidant potential of herbal polysaccharides: An overview on recent researches. <i>Sensors International</i> , <b>2022</b> , 3, 100158	6.1	6
91	Alginates: sources, structure, and properties <b>2020</b> , 1-17		6
90	Ionotropically gelled alginate particles in sustained drug release <b>2020</b> , 203-230		6
89	Plant-Derived Polymers: Ionically Gelled Sustained Drug Release Systems <b>2016</b> , 6002-6017		6
88	In situ polysaccharide-based gels for topical drug delivery applications <b>2019</b> , 615-638		5
87	Biopolymers-based gastroretentive buoyant systems for therapeutic management of Helicobacter pylori infection <b>2019</b> , 713-736		5
86	Natural polysaccharides <b>2019</b> , 1-14		5
85	Hydroxyapatite-Alginate Composites in Drug Delivery <b>2019</b> , 483-504		5
84	Marine-Derived Polysaccharides: Pharmaceutical Applications <b>2019</b> , 1-36		5
83	Carbon Nanotubes in Vaccine Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 69-73	0.4	5
82	Applications of Carbon Nanotubes. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 33-36	0.4	5
81	Biocomposites of Alginates in Drug Delivery <b>2020</b> , 153-185		5
80	Grafted alginates in drug delivery <b>2020</b> , 71-100		5
79	Alginate-based scaffolds for drug delivery in tissue engineering <b>2020</b> , 359-386		5
78	Calcium fluoride-based dental nanocomposites <b>2019</b> , 27-45		5

77	Degradation and failure of dental composite materials <b>2019</b> , 107-121		5
76	Bone-implantable devices for drug delivery applications <b>2019</b> , 355-392		4
75	Background: Multiple Units in Oral Drug Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 1-17	0.4	4
74	Quality by Design Approach for Development of Multiparticulate Drug Delivery Systems <b>2019</b> , 351-365		4
73	Pharmaceutical Applications of Tamarind Gum <b>2019</b> , 1-20		4
72	Hyaluronic Acid (Hyaluronan): Pharmaceutical Applications <b>2019</b> , 1-32		4
71	Drug delivery using interpenetrating polymeric networks of natural polymers: A recent update. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 66, 102915	4.5	4
70	Carbon Nanotubes in Gene Delivery. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 75-87	0.4	4
69	Functionalization of Carbon Nanotubes. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 21-28	0.4	4
68	Targeted Delivery with Carbon Nanotubes. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 37-50	0.4	4
67	Inorganic materials-Alginate composites in drug delivery <b>2020</b> , 231-256		4
66	Particulate matrices of ionotropically gelled alginate- and plant-derived starches for sustained drug release <b>2020</b> , 257-295		4
65	Design and release kinetics of liposomes containing abiraterone acetate for treatment of prostate cancer. <i>Sensors International</i> , <b>2021</b> , 2, 100077	6.1	4
64	Tamarind Seed Polysaccharide-Based Multiple-Unit Systems for Sustained Drug Release <b>2016</b> , 469-491		3
63	Pharmaceutical Applications of Alginates <b>2019</b> , 37-70		3
62	Carbon Nanotubes as Quantum Dots for Therapeutic Purpose. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 59-64	0.4	3
61	Regulatory Considerations of Carbon Nanotubes. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 103-106	0.4	3
60	Classification of Carbon Nanotubes. <i>SpringerBriefs in Applied Sciences and Technology</i> , <b>2019</b> , 11-15	0.4	3

59	Alginate-chitosan composite systems as sustained drug delivery carriers <b>2020</b> , 187-201		3
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51	Pharmaceutical Applications of Locust Bean Gum <b>2019</b> , 139-162		2
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49	Uses of tailored polysaccharides in dentistry <b>2020</b> , 287-304		2
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38	Gellan gum-based nanomaterials in drug delivery applications <b>2021</b> , 313-336		2
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36	A scientometric review of hydrogel-based ocular drug delivery systems <b>2021</b> , 517-537		2
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