

Prashant Kesharwani, Ramanujan Fellow

List of Publications by Year in Descending Order

Source:
<https://exaly.com/author-pdf/2821440/prashant-kesharwani-ramanujan-fellow-publications-by-year.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

259 papers	9,366 citations	53 h-index	88 g-index
278 ext. papers	11,619 ext. citations	6.1 avg, IF	7.02 L-index

#	Paper	IF	Citations
259	Nanocarrier mediated drug delivery as an impeccable therapeutic approach against Alzheimer's disease.. <i>Journal of Controlled Release</i> , 2022 , 343, 528-528	11.7	5
258	Recent update on application of propolis as an adjuvant natural medication in management of gum diseases and drug delivery approaches. <i>Process Biochemistry</i> , 2022 , 112, 254-268	4.8	
257	Nanoparticle-based drug delivery systems in cancer: A focus on inflammatory pathways.. <i>Seminars in Cancer Biology</i> , 2022 ,	12.7	3
256	Dendrimer nanohybrid systems for drug delivery 2022 , 245-268		
255	Strengths, limitations, and regulatory aspects of hybrid drug delivery systems 2022 , 339-355		
254	Hybrid chitosan-based nanoparticulate systems for drug delivery 2022 , 129-164		
253	Recent advances and future prospective of hybrid drug delivery systems 2022 , 357-374		1
252	Hybrid nanogel systems for drug delivery 2022 , 85-100		0
251	Cancer stem cells: An overview of the pathophysiological and prognostic roles in colorectal cancer. <i>Process Biochemistry</i> , 2022 , 115, 19-29	4.8	2
250	Surface engineering of nanoparticles for imparting multifunctionality 2022 , 181-210		1
249	Cold atmospheric plasma therapy in wound healing. <i>Process Biochemistry</i> , 2022 , 112, 112-123	4.8	3
248	Combination drug delivery approaches for cancer therapy 2022 , 213-237		0
247	Combination of anticancer drugs with microRNA as cancer therapeutics 2022 , 273-295		
246	Nanotechnology-mediated combinational drug delivery approach for cancer therapy 2022 , 297-327		
245	Combination drug delivery approaches in rheumatoid arthritis 2022 , 81-106		
244	Recent advances in nanogold as a promising nanocarrier for curcumin delivery.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 215, 112481	6	3
243	Recent advances in nanotechnology based combination drug therapy for skin cancer.. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022 , 1-34	3.5	1

242	Recent highlights on Omicron as a new SARS-COVID-19 variant: Evolution, genetic mutation and future perspectives.. <i>Journal of Drug Targeting</i> , 2022 , 1-33	5.4	0
241	Cannabis as a potential compound against various malignancies, legal aspects, advancement by exploiting nanotechnology and clinical trials.. <i>Journal of Drug Targeting</i> , 2022 , 1-17	5.4	1
240	Advanced drug delivery systems containing herbal components for wound healing.. <i>International Journal of Pharmaceutics</i> , 2022 , 121617	6.5	8
239	Polymeric nanomicelles of curcumin: Potential applications in cancer.. <i>International Journal of Pharmaceutics</i> , 2022 , 121622	6.5	4
238	Synthesis and antimicrobial activity of vancomycin conjugated zinc coordination polymer nanoparticles against methicillin-resistant staphylococcus aureus. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 70, 103255	4.5	4
237	Formulation development of tocopherol polyethylene glycol nanoengineered polyamidoamine dendrimer for neuroprotection and treatment of alzheimer disease.. <i>Journal of Drug Targeting</i> , 2022 , 1-52	5.4	3
236	Folic acid conjugated poly(amidoamine) dendrimer as a smart nanocarriers for tracing, imaging, and treating cancers over-expressing folate receptors. <i>European Polymer Journal</i> , 2022 , 170, 111156	5.2	7
235	Recent trends of natural based therapeutics for mitochondria targeting in Alzheimer's disease.. <i>Mitochondrion</i> , 2022 , 64, 112-124	4.9	1
234	Emerging trends of nanotechnology in advanced cosmetics.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 214, 112440	6	8
233	Microparticulate and nanotechnology mediated drug delivery system for the delivery of herbal extracts.. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022 , 1-26	3.5	2
232	Recent development of aptamer conjugated chitosan nanoparticles as cancer therapeutics.. <i>International Journal of Pharmaceutics</i> , 2022 , 121751	6.5	6
231	Dendrimer as a momentous tool in tissue engineering and regenerative medicine.. <i>Journal of Controlled Release</i> , 2022 ,	11.7	6
230	Review on synthesis, properties and multifarious therapeutic applications of nanostructured zirconia in dentistry.. <i>RSC Advances</i> , 2022 , 12, 12773-12793	3.7	3
229	The Promise of Nanotechnology in Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2022 , 12, 673	3.6	1
228	Enhanced transdermal delivery of lutein via nanoethosomal gel: Formulation optimization, in-vitro evaluation, and in-vivo assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103447	4.5	1
227	3D-QSAR Studies of 1,2,4-Oxadiazole Derivatives as Sortase A Inhibitors.. <i>BioMed Research International</i> , 2021 , 2021, 6380336	3	0
226	Recent Progress of RGD Modified Liposomes as Multistage Rocket Against Cancer.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 803304	5.6	6
225	Chitosan: A versatile bio-platform for breast cancer theranostics.. <i>Journal of Controlled Release</i> , 2021 , 341, 733-752	11.7	8

224	Harnessing Therapeutic Potentials of Statins Using Nanofibrous Carriers. <i>Bioinorganic Chemistry and Applications</i> , 2021 , 2021, 7265505	4.2	
223	Design, synthesis, in vitro antiproliferative evaluation and GSK-3 β kinase inhibition of a new series of pyrimidin-4-one based amide conjugates. <i>Bioorganic Chemistry</i> , 2021 , 119, 105512	5.1	1
222	Recent advances in nanocarriers for nutrient delivery. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	6
221	Recent Advances in Pharmaceutical Cocrystals: From Bench to Market. <i>Frontiers in Pharmacology</i> , 2021 , 12, 780582	5.6	7
220	Taxanes loaded polymersomes as an emerging polymeric nanocarrier for cancer therapy. <i>European Polymer Journal</i> , 2021 , 162, 110883	5.2	7
219	Formulation and development of tacrolimus-gellan gum nanoformulation for treatment of dry eye disease.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 211, 112255	6	7
218	Accentuating CircRNA-miRNA-Transcription Factors Axis: A Conundrum in Cancer Research.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 784801	5.6	4
217	Aptamer grafted nanoparticle as targeted therapeutic tool for the treatment of breast cancer.. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 146, 112530	7.5	10
216	RGD engineered dendrimer nanotherapeutic as an emerging targeted approach in cancer therapy. <i>Journal of Controlled Release</i> , 2021 , 340, 221-242	11.7	20
215	Nanotechnology-based approaches applied to nutraceuticals. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	10
214	Solubility enhancement, formulation development and antifungal activity of luliconazole niosomal gel-based system. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 1009-1023	3.5	10
213	Evolving new-age strategies to transport therapeutics across the blood-brain-barrier. <i>International Journal of Pharmaceutics</i> , 2021 , 599, 120351	6.5	13
212	Intranasal delivery of Naloxone-loaded solid lipid nanoparticles as a promising simple and non-invasive approach for the management of opioid overdose. <i>International Journal of Pharmaceutics</i> , 2021 , 599, 120428	6.5	25
211	Oral peptide delivery: challenges and the way ahead. <i>Drug Discovery Today</i> , 2021 , 26, 931-950	8.8	15
210	Epidemiology, virology and clinical aspects of hantavirus infections: an overview. <i>International Journal of Environmental Health Research</i> , 2021 , 1-13	3.6	5
209	Lentiviral mediated gene delivery as an effective therapeutic approach for Parkinson disease. <i>Neuroscience Letters</i> , 2021 , 750, 135769	3.3	4
208	Recent update of toxicity aspects of nanoparticulate systems for drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 161, 100-119	5.7	29
207	Emerging innovations in nano-enabled therapy against age-related macular degeneration: A paradigm shift. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120499	6.5	3

206	Biomaterials in treatment of Alzheimer's disease. <i>Neurochemistry International</i> , 2021 , 145, 105008	4.4	13
205	The gut-brain connection in the pathogenicity of Parkinson disease: Putative role of autophagy. <i>Neuroscience Letters</i> , 2021 , 753, 135865	3.3	5
204	Understanding the role of ACE-2 receptor in pathogenesis of COVID-19 disease: a potential approach for therapeutic intervention. <i>Pharmacological Reports</i> , 2021 , 73, 1539-1550	3.9	4
203	Formulation development, optimization, and in vitro assessment of thermoresponsive ophthalmic pluronic F127-chitosan tacrolimus gel. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 1678-1702	3.5	10
202	The emerging role of immune checkpoint inhibitors in the treatment of triple-negative breast cancer. <i>Drug Discovery Today</i> , 2021 , 26, 1721-1727	8.8	24
201	Formulation Development, In Vitro and In Vivo Evaluation of Topical Hydrogel Formulation of Econazole Nitrate-Loaded β -Cyclodextrin Nanosponges. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 3702-3714	3.9	8
200	Recent advances and prospects in gemcitabine drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2021 , 592, 120043	6.5	17
199	Nanomedicine in pain management 2021 , 355-382		2
198	Enhancing the solubility of nitazoxanide with solid dispersions technique: formulation, evaluation, and cytotoxicity study. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 477-487	3.5	4
197	MAPK pathway: Potential role in glioblastoma multiforme. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021 , 23, 100901	0.5	2
196	Dendrimer for solubility enhancement 2021 , 273-283		6
195	Electrospun nanofibers for wound healing 2021 , 289-318		1
194	Safety and toxicity issues of dendrimers 2021 , 143-162		4
193	History and introduction of dendrimers 2021 , 1-14		4
192	Regulatory pathway to introduce a nanomedicine product in the market at international level 2021 , 489-499		
191	Conclusion and future considerations of dendrimers 2021 , 449-458		7
190	Recent update on potential cytotoxicity, biocompatibility and preventive measures of biomaterials used in dentistry. <i>Biomaterials Science</i> , 2021 , 9, 3244-3283	7.4	8
189	Physiology of the biological barriers 2021 , 79-95		1

188	Advances in transdermal delivery of nanomedicine 2021 , 383-408		2
187	Biological interaction of dendrimers 2021 , 63-74		3
186	Nanomedicine for inflammatory bowel disease 2021 , 209-233		
185	Tc-Methionine Gold Nanoparticles as a Promising Biomaterial for Enhanced Tumor Imaging. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 888-897	3.9	10
184	Amelioration of Endotoxin-Induced Uveitis in Rabbit by Topical Administration of Tacrolimus Proglycosome Nano-Vesicles. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 871-875	3.9	7
183	Recent update on nano-phytopharmaceuticals in the management of diabetes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 2046-2068	3.5	5
182	Dendrimer as a promising nanocarrier for the delivery of doxorubicin as an anticancer therapeutics. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 1882-1909	3.5	8
181	Nanotechnology-based siRNA delivery strategies for treatment of triple negative breast cancer. <i>International Journal of Pharmaceutics</i> , 2021 , 605, 120835	6.5	19
180	Nanotechnological approaches for targeting amyloid- β aggregation with potential for neurodegenerative disease therapy and diagnosis. <i>Drug Discovery Today</i> , 2021 , 26, 1972-1979	8.8	10
179	Recent update of 3D printing technology in pharmaceutical formulation development. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 2306-2330	3.5	1
178	Multivesicular Liposome: A Lipid-based Drug Delivery System for Efficient Drug Delivery. <i>Current Pharmaceutical Design</i> , 2021 , 27, 4404-4415	3.3	3
177	PAMAM dendrimer as a talented multifunctional biomimetic nanocarrier for cancer diagnosis and therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 204, 111837	6	37
176	Poly (propylene imine) dendrimer as an emerging polymeric nanocarrier for anticancer drug and gene delivery. <i>European Polymer Journal</i> , 2021 , 158, 110683	5.2	29
175	Human Serum Albumin as Multifunctional Nanocarrier for Cancer Therapy. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 3111-3117	3.9	9
174	Advanced nanomedicine approaches applied for treatment of skin carcinoma. <i>Journal of Controlled Release</i> , 2021 , 337, 589-611	11.7	17
173	Topical Tacrolimus Proglycosomes Nano-Vesicles As a Potential Therapy for Experimental Dry Eye Syndrome. <i>Journal of Pharmaceutical Sciences</i> , 2021 ,	3.9	1
172	Repurposing pharmaceutical excipients as an antiviral agent against SARS-CoV-2. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 1-27	3.5	3
171	Recent advances of dendrimers as multifunctional nano-carriers to combat breast cancer. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 164, 105890	5.1	18

170	Recent advances in nanoparticles mediated photothermal therapy induced tumor regression. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120848	6.5	23
169	Viral vectors as a promising nanotherapeutic approach against neurodegenerative disorders. <i>Process Biochemistry</i> , 2021 , 109, 130-142	4.8	3
168	Nano-enabled strategies to combat methicillin-resistant <i>Staphylococcus aureus</i> . <i>Materials Science and Engineering C</i> , 2021 , 129, 112384	8.3	9
167	An insight into aptamer engineered dendrimer for cancer therapy. <i>European Polymer Journal</i> , 2021 , 159, 110746	5.2	23
166	Quantum dot: Heralding a brighter future in neurodegenerative disorders. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102700	4.5	4
165	Recent advances in microneedles-based drug delivery device in the diagnosis and treatment of cancer. <i>Journal of Controlled Release</i> , 2021 , 338, 394-409	11.7	18
164	Nanocarrier mediated autophagy: An emerging trend for cancer therapy. <i>Process Biochemistry</i> , 2021 , 109, 198-206	4.8	10
163	Formulation development and in vitro-in vivo assessment of protransfersomal gel of anti-resorptive drug in osteoporosis treatment. <i>International Journal of Pharmaceutics</i> , 2021 , 608, 121060	6.5	1
162	Nanotherapeutics approaches for targeting alpha synuclien protein in the management of Parkinson disease. <i>Process Biochemistry</i> , 2021 , 110, 181-194	4.8	2
161	Surface engineered nanocarriers for the management of breast cancer. <i>Materials Science and Engineering C</i> , 2021 , 130, 112441	8.3	14
160	Potential of nanoparticulate based delivery systems for effective management of alopecia. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112050	6	6
159	Carbon nanotubes as an emerging nanocarrier for the delivery of doxorubicin for improved chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112044	6	20
158	QbD Enabled Azacitidine Loaded Liposomal Nanoformulation and Its In Vitro Evaluation. <i>Polymers</i> , 2021 , 13,	4.5	11
157	Formulation development and characterization of lumefantrine nanosuspension for enhanced antimalarial activity. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 833-857	3.5	7
156	From the nose to the brain, nanomedicine drug delivery 2021 , 153-180		2
155	Types of dendrimers 2021 , 95-123		5
154	Characterization of dendrimers 2021 , 125-141		4
153	Dendrimer nomenclature and synthesis methods 2021 , 75-94		5

152	CD44-Targeted Nanocarrier for Cancer Therapy.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 800481	5.6	1
151	Drug repurposing strategies and key challenges for COVID-19 management. <i>Journal of Drug Targeting</i> , 2021 , 1-17	5.4	4
150	Fighting Strategies Against the Novel Coronavirus Pandemic: Impact on Global Economy. <i>Frontiers in Public Health</i> , 2020 , 8, 606129	6	10
149	In-line treatments and clinical initiatives to fight against COVID-19 outbreak. <i>Respiratory Medicine</i> , 2020 , 106192	4.6	6
148	Pyramid-Shaped PEG-PCL-PEG Polymeric-Based Model Systems for Site-Specific Drug Delivery of Vancomycin with Enhance Antibacterial Efficacy. <i>ACS Omega</i> , 2020 , 5, 11935-11945	3.9	19
147	Repurposing nonantibiotic drugs as antibacterials 2020 , 105-138		4
146	Dendrimer-based drug delivery systems for tuberculosis treatment 2020 , 163-174		5
145	Polymeric micelle-based drug delivery systems for tuberculosis treatment 2020 , 175-191		8
144	Recent advances of gold nanoparticles as biomaterial in dentistry. <i>International Journal of Pharmaceutics</i> , 2020 , 586, 119596	6.5	37
143	Curcumin loaded poly (amidoamine) dendrimer-plamitic acid core-shell nanoparticles as anti-stress therapeutics. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 412-426	3.6	16
142	Recent advances in folic acid engineered nanocarriers for treatment of breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 56, 101613	4.5	25
141	Synthesis, characterization and in vitro assessment of colloidal gold nanoparticles of Gemcitabine with natural polysaccharides for treatment of breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 56, 101565	4.5	25
140	Theranostic application of nanoemulsions in chemotherapy. <i>Drug Discovery Today</i> , 2020 , 25, 1174-1188	8.8	45
139	Role of immune checkpoint inhibitors in the revolutionization of advanced melanoma care. <i>International Immunopharmacology</i> , 2020 , 83, 106417	5.8	18
138	Nose to Brain Delivery of Nanocarriers Towards Attenuation of Demented Condition. <i>Current Pharmaceutical Design</i> , 2020 , 26, 2233-2246	3.3	14
137	Nucleic Acid Aptamers as a Potential Nucleus Targeted Drug Delivery System. <i>Current Drug Delivery</i> , 2020 , 17, 101-111	3.2	11
136	Recent Advances in Self-Assembled Nanoparticles for Drug Delivery. <i>Current Drug Delivery</i> , 2020 , 17, 279-291	3.2	14
135	Self-micro Emulsifying Drug Delivery System [MEDDS] for Efficient Oral Delivery of Andrographolide. <i>Drug Delivery Letters</i> , 2020 , 10, 38-53	0.8	4

134	Macrophage targeted amphotericin B nanodelivery systems against visceral leishmaniasis. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020 , 258, 114571	3.1	9
133	Formulation development, and evaluation of chitosan engineered nanoparticles for ocular delivery of insulin.. <i>RSC Advances</i> , 2020 , 10, 43629-43639	3.7	11
132	Immune checkpoint inhibitors: a promising anticancer therapy. <i>Drug Discovery Today</i> , 2020 , 25, 223-229	8.8	51
131	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 β <i>Cancers</i> , 2020 , 12,	6.6	52
130	Recent advances in targeted nanomedicine as promising antitumor therapeutics. <i>Drug Discovery Today</i> , 2020 , 25, 2227-2244	8.8	30
129	Formulation and evaluation of gastro-retentive floating bilayer tablet for the treatment of hypertension. <i>Heliyon</i> , 2020 , 6, e05459	3.6	12
128	Formulation and Development of Transferrin Targeted Solid Lipid Nanoparticles for Breast Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2020 , 11, 614290	5.6	20
127	Stimuli-responsive In situ gelling system for nose-to-brain drug delivery. <i>Journal of Controlled Release</i> , 2020 , 327, 235-265	11.7	57
126	Silver nanoparticles: Advanced and promising technology in diabetic wound therapy. <i>Materials Science and Engineering C</i> , 2020 , 112, 110925	8.3	52
125	Formulation development and evaluation of rotigotine mucoadhesive nanoemulsion for intranasal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101301	4.5	23
124	Strategizing biodegradable polymeric nanoparticles to cross the biological barriers for cancer targeting. <i>International Journal of Pharmaceutics</i> , 2019 , 565, 509-522	6.5	48
123	Investigation on Secondary Structure Alterations of Protein Drugs as an Indicator of Their Biological Activity Upon Thermal Exposure. <i>Protein Journal</i> , 2019 , 38, 551-564	3.9	5
122	Dendrimer-entrapped gold nanoparticles as promising nanocarriers for anticancer therapeutics and imaging. <i>Progress in Materials Science</i> , 2019 , 103, 484-508	42.2	87
121	Dendrimer entrapped microsphere gel of dithranol for effective topical treatment. <i>Heliyon</i> , 2019 , 5, e01343	3.6	47
120	Rising horizon in circumventing multidrug resistance in chemotherapy with nanotechnology. <i>Materials Science and Engineering C</i> , 2019 , 101, 596-613	8.3	53
119	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019 , 42, 2032-2036	5.1	6
118	Polyester, Polyhydroxyalkanoate Nanoparticles as a Promising Tool for Anticancer Therapeutics 2019 , 101-121		3
117	Dendrimer-Based Nanoparticulate Delivery System for Cancer Therapy 2019 , 233-255		7

116	Conclusion and Future Prospective of Polymeric Nanoparticles for Cancer Therapy 2019 , 389-408		11
115	Mechanistic Description of Natural Herbs in the Treatment of Dementia: A Systematic Review. <i>Current Psychopharmacology</i> , 2019 , 7, 149-164	0.6	6
114	Overexpressed Receptors and Proteins in Lung Cancer 2019 , 39-75		9
113	Dendrimer-Based Nanocarriers in Lung Cancer Therapy 2019 , 161-192		13
112	Nanoemulsions as Effective Carriers for the Treatment of Lung Cancer 2019 , 217-247		15
111	ACUTE TOXICOLOGICAL INVESTIGATION OF POLYETHYLENE GLYCOL DERIVATIZED FOURTH AND FIFTH GENERATION POLY (PROPYLENEIMINE) DENDRIMERS. <i>International Journal of Applied Pharmaceutics</i> , 2019 , 222-229	0.4	3
110	The potential of dendrimer in delivery of therapeutics for dentistry. <i>Heliyon</i> , 2019 , 5, e02544	3.6	29
109	The use of nanoparticles as biomaterials in dentistry. <i>Drug Discovery Today</i> , 2019 , 24, 85-98	8.8	64
108	Nanoneuromedicine for management of neurodegenerative disorder. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 49, 477-490	4.5	22
107	Entrapment of drug-sorbate complex in submicron emulsion: A potential approach to improve antimicrobial activity in bacterial corneal infection. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 49, 455-462	4.5	21
106	Carbon dots: emerging theranostic nanoarchitectures. <i>Drug Discovery Today</i> , 2018 , 23, 1219-1232	8.8	100
105	Administration of antioxidants in cancer: debate of the decade. <i>Drug Discovery Today</i> , 2018 , 23, 763-770	8.8	40
104	Lycopene loaded whey protein isolate nanoparticles: An innovative endeavor for enhanced bioavailability of lycopene and anti-cancer activity. <i>International Journal of Pharmaceutics</i> , 2018 , 546, 97-105	6.5	67
103	Targeting luteinizing hormone-releasing hormone: A potential therapeutics to treat gynecological and other cancers. <i>Journal of Controlled Release</i> , 2018 , 269, 277-301	11.7	31
102	Dendrimer nanohybrid carrier systems: an expanding horizon for targeted drug and gene delivery. <i>Drug Discovery Today</i> , 2018 , 23, 300-314	8.8	73
101	Nano-carrier enabled drug delivery systems for nose to brain targeting for the treatment of neurodegenerative disorders. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 43, 295-310	4.5	65
100	Dendrimers as Effective Carriers for the Treatment of Brain Tumor 2018 , 267-305		9
99	Micelle-Based Drug Delivery for Brain Tumors 2018 , 307-326		4

98	Drug-Excipient Interaction and Incompatibilities 2018 , 363-402		10
97	Drug Complexation: Implications in Drug Solubilization and Oral Bioavailability Enhancement 2018 , 473-512		3
96	Clathrin-mediated endocytic uptake of PUFA enriched self-nanoemulsifying lipidic systems (SNELS) of an anticancer drug against triple negative cancer and DMBA induced preclinical tumor model. <i>Materials Science and Engineering C</i> , 2018 , 91, 645-658	8.3	11
95	Perspectives of Nanoemulsion Strategies in The Improvement of Oral, Parenteral and Transdermal Chemotherapy. <i>Current Pharmaceutical Biotechnology</i> , 2018 , 19, 276-292	2.6	42
94	Recent Updates on Novel Approaches in Insulin Drug Delivery: A Review of Challenges and Pharmaceutical Implications. <i>Current Drug Targets</i> , 2018 , 19, 1782-1800	3	6
93	Tuberculosis Treated by Multiple Drugs: An Overview. <i>Current Drug Delivery</i> , 2018 , 15, 312-320	3.2	7
92	Transferrin receptors-targeting nanocarriers for efficient targeted delivery and transcytosis of drugs into the brain tumors: a review of recent advancements and emerging trends. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 1545-1563	6.2	82
91	Nanotechnology based approaches for anti-diabetic drugs delivery. <i>Diabetes Research and Clinical Practice</i> , 2018 , 136, 52-77	7.4	80
90	An update on natural compounds in the remedy of diabetes mellitus: A systematic review. <i>Journal of Traditional and Complementary Medicine</i> , 2018 , 8, 361-376	4.6	157
89	Current attempts to implement microRNA-based diagnostics and therapy in cardiovascular and metabolic disease: a promising future. <i>Drug Discovery Today</i> , 2018 , 23, 460-480	8.8	10
88	Recent advances in galactose-engineered nanocarriers for the site-specific delivery of siRNA and anticancer drugs. <i>Drug Discovery Today</i> , 2018 , 23, 960-973	8.8	24
87	GENERATION DEPENDENT TARGETING POTENTIAL OF DONEPEZIL LOADED POLY (PROPYLENEIMINE) DENDRIMER THROUGH GOAT NASAL MUCOSA. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018 , 10, 80	0.3	5
86	Biomedical Applications and Toxicological Aspects of Functionalized Carbon Nanotubes. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2018 , 35, 293-330	2.8	24
85	Paclitaxel-loaded TPGS enriched self-emulsifying carrier causes apoptosis by modulating survivin expression and inhibits tumour growth in syngeneic mammary tumours. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, S344-S358	6.1	9
84	Caffeic acid phenethyl ester (CAPE) reverses fibrosis caused by chronic colon inflammation in murine model of colitis. <i>Pathology Research and Practice</i> , 2018 , 214, 1909-1911	3.4	14
83	Carbon nanotube scaffolds as emerging nanoplatform for myocardial tissue regeneration: A review of recent developments and therapeutic implications. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 104, 496-508	7.5	86
82	An overview of application of silver nanoparticles for biomaterials in dentistry. <i>Materials Science and Engineering C</i> , 2018 , 91, 881-898	8.3	136
81	Paclitaxel loaded vitamin E-TPGS nanoparticles for cancer therapy. <i>Materials Science and Engineering C</i> , 2018 , 91, 868-880	8.3	66

80	Carbon Nanotubes (CNTs) 2018 , 375-396		6
79	The use of nanoscaffolds and dendrimers in tissue engineering. <i>Drug Discovery Today</i> , 2017 , 22, 652-664	8.8	90
78	Synthesis and characterization of folate decorated albumin bio-conjugate nanoparticles loaded with a synthetic curcumin difluorinated analogue. <i>Journal of Colloid and Interface Science</i> , 2017 , 496, 290-299	9.3	43
77	Polyvalent Folate-Dendrimer-Coated Iron Oxide Theranostic Nanoparticles for Simultaneous Magnetic Resonance Imaging and Precise Cancer Cell Targeting. <i>Biomacromolecules</i> , 2017 , 18, 1197-1209	6.9	103
76	Recent Update on Nanoemulgel as Topical Drug Delivery System. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 1736-1751	3.9	78
75	Lipid based nanocarriers system for topical delivery of photosensitizers. <i>Drug Discovery Today</i> , 2017 , 22, 1274-1283	8.8	34
74	Recent advances in hyaluronic acid-decorated nanocarriers for targeted cancer therapy. <i>Drug Discovery Today</i> , 2017 , 22, 665-680	8.8	123
73	Enhancing biopharmaceutical performance of an anticancer drug by long chain PUFA based self-nanoemulsifying lipidic nanomicellar systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 121, 42-60	5.7	33
72	Methotrexate and beta-carotene loaded-lipid polymer hybrid nanoparticles: a preclinical study for breast cancer. <i>Nanomedicine</i> , 2017 , 12, 1851-1872	5.6	48
71	Recent advances in TPGS-based nanoparticles of docetaxel for improved chemotherapy. <i>International Journal of Pharmaceutics</i> , 2017 , 529, 506-522	6.5	79
70	Systematic review of metformin monotherapy and dual therapy with sodium glucose co-transporter 2 inhibitor (SGLT-2) in treatment of type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2017 , 132, 157-168	7.4	13
69	Fabrication and characterization of nifedipine loaded β -cyclodextrin nanosponges: An in vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2017 , 41, 344-350	4.5	24
68	Dendrimers in Targeting and Delivery of Drugs 2017 , 363-388		16
67	Folic acid conjugated polymeric micelles loaded with a curcumin difluorinated analog for targeting cervical and ovarian cancers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 157, 490-502	6	66
66	In Vitro and In Vivo Skin Distribution of 5 α -Reductase Inhibitors Loaded Into Liquid Crystalline Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 3385-3394	3.9	23
65	Phytotherapeutic potential of natural herbal medicines for the treatment of mild-to-severe atopic dermatitis: A review of human clinical studies. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 596-608	7.5	30
64	A comprehensive review on polyelectrolyte complexes. <i>Drug Discovery Today</i> , 2017 , 22, 1697-1706	8.8	169
63	Dendrimer nanoarchitectures for cancer diagnosis and anticancer drug delivery. <i>Drug Discovery Today</i> , 2017 , 22, 314-326	8.8	141

62	Recent advances in the design, development, and targeting mechanisms of polymeric micelles for delivery of siRNA in cancer therapy. <i>Progress in Polymer Science</i> , 2017 , 64, 154-181	29.6	117
61	Folate Decorated Nanomicelles Loaded with a Potent Curcumin Analogue for Targeting Retinoblastoma. <i>Pharmaceutics</i> , 2017 , 9,	6.4	24
60	Polymeric Micelles for Drug Targeting and Delivery 2017 , 167-202		19
59	A CARP-1 functional mimetic loaded vitamin E-TPGS micellar nano-formulation for inhibition of renal cell carcinoma. <i>Oncotarget</i> , 2017 , 8, 104928-104945	3.3	16
58	Recent Advances in Oncological Submissions of Dendrimer. <i>Current Pharmaceutical Design</i> , 2017 , 23, 3084-3098	3.3	49
57	Polymeric Nanocarriers: A New Horizon for the Effective Management of Breast Cancer. <i>Current Pharmaceutical Design</i> , 2017 , 23, 5315-5326	3.3	10
56	Significance of Various Experimental Models and Assay Techniques in Cancer Diagnosis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017 , 17, 1713-1724	3.2	2
55	Experimental Models for Evaluation of Nanoparticles in Cancer Therapy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017 , 17, 1725-1745	3.2	4
54	Intranasal Drug Delivery: A Non-Invasive Approach for the Better Delivery of Neurotherapeutics. <i>Pharmaceutical Nanotechnology</i> , 2017 , 5, 203-214	4	23
53	Solubility enhancement and targeted delivery of a potent anticancer flavonoid analogue to cancer cells using ligand decorated dendrimer nano-architectures. <i>Journal of Colloid and Interface Science</i> , 2016 , 484, 33-43	9.3	48
52	Cationic bovine serum albumin (CBA) conjugated poly lactic-co-glycolic acid (PLGA) nanoparticles for extended delivery of methotrexate into brain tumors. <i>RSC Advances</i> , 2016 , 6, 89040-89050	3.7	35
51	Transferrin functionalized chitosan-PEG nanoparticles for targeted delivery of paclitaxel to cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 363-370	6	71
50	Moxifloxacin loaded gelatin nanoparticles for ocular delivery: Formulation and in-vitro, in-vivo evaluation. <i>Journal of Colloid and Interface Science</i> , 2016 , 483, 132-138	9.3	62
49	Augmented delivery of gemcitabine in lung cancer cells exploring mannose anchored solid lipid nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2016 , 481, 107-16	9.3	112
48	Ligand anchored poly(propyleneimine) dendrimers for brain targeting: Comparative in vitro and in vivo assessment. <i>Journal of Colloid and Interface Science</i> , 2016 , 482, 142-150	9.3	63
47	PEGylated PAMAM dendrimers: Enhancing efficacy and mitigating toxicity for effective anticancer drug and gene delivery. <i>Acta Biomaterialia</i> , 2016 , 43, 14-29	10.8	226
46	Doxorubicin and siRNA Codelivery via Chitosan-Coated pH-Responsive Mixed Micellar Polyplexes for Enhanced Cancer Therapy in Multidrug-Resistant Tumors. <i>Molecular Pharmaceutics</i> , 2016 , 13, 4179-4190	5.6	63
45	A review on comparative study of PPI and PAMAM dendrimers. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	85

44	Stomach specific polymeric low density microballoons as a vector for extended delivery of rabeprazole and amoxicillin for treatment of peptic ulcer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 141, 268-277	6	18
43	Lyophilized mucoadhesive-dendrimer enclosed matrix tablet for extended oral delivery of albendazole. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 102, 202-13	5.7	56
42	Dendrimer technologies for brain tumor. <i>Drug Discovery Today</i> , 2016 , 21, 766-78	8.8	69
41	Mucoadhesion: A promising approach in drug delivery system. <i>Reactive and Functional Polymers</i> , 2016 , 100, 151-172	4.6	162
40	Dendrimer-mediated approaches for the treatment of brain tumor. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016 , 27, 557-80	3.5	61
39	A synergistic approach of adapalene-loaded nanostructured lipid carriers, and vitamin C co-administration for treating acne. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 897-905	3.6	51
38	Force degradation behavior of glucocorticoid deflazacort by UPLC: isolation, identification and characterization of degradant by FTIR, NMR and mass analysis. <i>Journal of Biomedical Research</i> , 2016 , 30, 149-161	1.5	3
37	PLGA Nanoparticles and Their Versatile Role in Anticancer Drug Delivery. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2016 , 33, 159-93	2.8	56
36	RNAi-combined nano-chemotherapeutics to tackle resistant tumors. <i>Drug Discovery Today</i> , 2016 , 21, 1761-1774	8.8	59
35	pH-Responsive Triblock Copolymeric Micelles Decorated with a Cell-Penetrating Peptide Provide Efficient Doxorubicin Delivery. <i>Nanoscale Research Letters</i> , 2016 , 11, 539	5	28
34	Bilosomes in the context of oral immunization: development, challenges and opportunities. <i>Drug Discovery Today</i> , 2016 , 21, 888-99	8.8	52
33	Development, in-vitro and in-vivo characterization of gelatin nanoparticles for delivery of an anti-inflammatory drug. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 36, 55-61	4.5	13
32	Impact of pegylation on biopharmaceutical properties of dendrimers. <i>Polymer</i> , 2015 , 59, 67-92	3.9	69
31	PAMAM dendrimers as promising nanocarriers for RNAi therapeutics. <i>Materials Today</i> , 2015 , 18, 565-572	21.8	176
30	Synthesis and characterization of dendro-PLGA nanoconjugate for protein stabilization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 134, 279-86	6	15
29	Galactose engineered solid lipid nanoparticles for targeted delivery of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 134, 47-58	6	111
28	Generation dependent hemolytic profile of folate engineered poly(propyleneimine) dendrimer. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 28, 1-6	4.5	34
27	Development and characterization of folate anchored Saquinavir entrapped PLGA nanoparticles for anti-tumor activity. <i>Drug Development and Industrial Pharmacy</i> , 2015 , 41, 1888-901	3.6	51

26	Hyaluronic acid-conjugated polyamidoamine dendrimers for targeted delivery of 3,4-difluorobenzylidene curcumin to CD44 overexpressing pancreatic cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 413-23	6	130
25	Hyaluronic Acid Engineered Nanomicelles Loaded with 3,4-Difluorobenzylidene Curcumin for Targeted Killing of CD44+ Stem-Like Pancreatic Cancer Cells. <i>Biomacromolecules</i> , 2015 , 16, 3042-53	6.9	102
24	One platform comparison of solubilization potential of dendrimer with some solubilizing agents. <i>Drug Development and Industrial Pharmacy</i> , 2015 , 41, 722-7	3.6	35
23	In Vivo Antitumor Activity of Folate-Conjugated Cholic Acid-Polyethylenimine Micelles for the Codelivery of Doxorubicin and siRNA to Colorectal Adenocarcinomas. <i>Molecular Pharmaceutics</i> , 2015 , 12, 4247-58	5.6	59
22	Generation dependent safety and efficacy of folic acid conjugated dendrimer based anticancer drug formulations. <i>Pharmaceutical Research</i> , 2015 , 32, 1438-50	4.5	87
21	Effect of surface capping on targeting potential of folate decorated poly (propylene imine) dendrimers. <i>Drug Development and Industrial Pharmacy</i> , 2015 , 41, 1393-9	3.6	22
20	Validating the anticancer potential of carbon nanotube-based therapeutics through cell line testing. <i>Drug Discovery Today</i> , 2015 , 20, 1049-60	8.8	40
19	Parenterally administrable nano-micelles of 3,4-difluorobenzylidene curcumin for treating pancreatic cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 132, 138-45	6	71
18	Recent advances in dendrimer-based nanovectors for tumor-targeted drug and gene delivery. <i>Drug Discovery Today</i> , 2015 , 20, 536-47	8.8	256
17	Dendrimers as an Effective Nanocarrier in Cardiovascular Disease. <i>Current Pharmaceutical Design</i> , 2015 , 21, 4519-26	3.3	33
16	Nano-constructed Carriers Loaded With Antioxidant: Boon For Cardiovascular System. <i>Current Pharmaceutical Design</i> , 2015 , 21, 4456-64	3.3	13
15	siRNA nanotherapeutics: a Trojan horse approach against HIV. <i>Drug Discovery Today</i> , 2014 , 19, 1913-20	8.8	28
14	Formulation development and in vitro-in vivo assessment of the fourth-generation PPI dendrimer as a cancer-targeting vector. <i>Nanomedicine</i> , 2014 , 9, 2291-308	5.6	59
13	Generation dependent cancer targeting potential of poly(propyleneimine) dendrimer. <i>Biomaterials</i> , 2014 , 35, 5539-48	15.6	105
12	Dendrimer as nanocarrier for drug delivery. <i>Progress in Polymer Science</i> , 2014 , 39, 268-307	29.6	729
11	Transdermal delivery of cyclodextrin-solubilized curcumin. <i>Drug Delivery and Translational Research</i> , 2013 , 3, 272-85	6.2	23
10	The effect of polyethylene glycol spacer chain length on the tumor-targeting potential of folate-modified PPI dendrimers. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	60
9	Low density lipoproteins mediated nanoplatfoms for cancer targeting. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	26

8	A review of glycosylated carriers for drug delivery. <i>Biomaterials</i> , 2012 , 33, 4166-86	15.6	207
7	A review of nanocarriers for the delivery of small interfering RNA. <i>Biomaterials</i> , 2012 , 33, 7138-50	15.6	275
6	Carbon nanotube exploration in cancer cell lines. <i>Drug Discovery Today</i> , 2012 , 17, 1023-30	8.8	60
5	Evaluation of dendrimer safety and efficacy through cell line studies. <i>Current Drug Targets</i> , 2011 , 12, 1478-97	3	52
4	Cancer targeting potential of some ligand-anchored poly(propylene imine) dendrimers: a comparison. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 295-304	6	133
3	Dendrimer toxicity: Let's meet the challenge. <i>International Journal of Pharmaceutics</i> , 2010 , 394, 122-42	6.5	537
2	Fabrication of thermodynamically stable self-microemulsifying drug delivery system of resveratrol with enhanced solubility and chemical stability. <i>Journal of Dispersion Science and Technology</i> , 1-12	1.5	2
1	Current Strategies in Breast Cancer Therapy: Role of Epigenetics and Nanomedicine. <i>Particle and Particle Systems Characterization</i> , 2100276	3.1	