Yahya Essop Choonara

List of Publications by Year
in descending order

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326 papers	9,662 citations	53939 47 h-index	60403 85 g-index
333 all docs	333 docs citations	333 times ranked	15506 citing authors

#	Article	IF	Citations
1	Functionalizing nanofibrous platforms for neural tissue engineering applications. Drug Discovery Today, 2022, 27, 1381-1403.	3.2	7
2	Novel ferrocenylbisphosphonate hybrid compounds: Synthesis, characterization and potent activity against cancer cell lines. Bioorganic and Medicinal Chemistry, 2022, 58, 116652.	1.4	4
3	Three-Dimensional Printing (3DP) for Space Pharmaceuticals. , 2022, , 221-258.		1
4	Physicochemical Basic Principles for Solid Dosage Forms. , 2022, , 49-67.		0
5	Genipin-Crosslinked, Proteosaccharide Scaffolds for Potential Neural Tissue Engineering Applications. Pharmaceutics, 2022, 14, 441.	2.0	9
6	Investigation of the 3D Printability of Covalently Cross-Linked Polypeptide-Based Hydrogels. ACS Omega, 2022, 7, 7556-7571.	1.6	3
7	Development of Stable Nano-Sized Transfersomes as a Rectal Colloid for Enhanced Delivery of Cannabidiol. Pharmaceutics, 2022, 14, 703.	2.0	29
8	In Vitro and In Vivo Evaluation of a Cyclic LyP-1-Modified Nanosystem for Targeted Endostatin Delivery in a KYSE-30 Cell Xenograft Athymic Nude Mice Model. Pharmaceuticals, 2022, 15, 353.	1.7	3
9	Current advances in cell therapeutics: a biomacromolecules application perspective. Expert Opinion on Drug Delivery, 2022, 19, 521-538.	2.4	6
10	Synthesis of a novel monofilament bioabsorbable suture for biomedical applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 2189-2210.	1.6	3
11	Synthesis of Novel Conjugated Linoleic Acid (CLA)-Coated Superparamagnetic Iron Oxide Nanoparticles (SPIONs) for the Delivery of Paclitaxel with Enhanced In Vitro Anti-Proliferative Activity on A549 Lung Cancer Cells. Pharmaceutics, 2022, 14, 829.	2.0	8
12	Design, preparation, and functionalization of nanobiomaterials for enhanced efficacy in current and future biomedical applications. Nanotechnology Reviews, 2022, 11, 1802-1826.	2.6	17
13	Advances in designing of polymeric micelles for biomedical application in brain related diseases. Chemico-Biological Interactions, 2022, 361, 109960.	1.7	21
14	Nano-enabled systems for neural tissue regenerative applications. , 2022, , 623-648.		0
15	Nanomedicines for tropical diseases affecting the central nervous system. , 2022, , 695-729.		0
16	Insights into innovative therapeutics for drug-resistant tuberculosis: Host-directed therapy and autophagy inducing modified nanoparticles. International Journal of Pharmaceutics, 2022, 622, 121893.	2.6	5
17	Biomedical Applications of polymeric micelles in the treatment of diabetes mellitus: Current success and future approaches. Expert Opinion on Drug Delivery, 2022, 19, 771-793.	2.4	4
18	An Oral 3D Printed PLGA-Tocopherol PEG Succinate Nanocomposite Hydrogel for High-Dose Methotrexate Delivery in Maintenance Chemotherapy. Biomedicines, 2022, 10, 1470.	1.4	7

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19	Can Nanomedicinal Approaches Provide an Edge to The Efficacy of Tyrosine Kinase Inhibitors?. Current Medicinal Chemistry, 2022, 29, .	1.2	1
20	Recent patents on water-soluble polysaccharides for advanced drug delivery, tissue engineering and regenerative medicine. Pharmaceutical Patent Analyst, 2022, 11, 75-88.	0.4	1
21	A Poly (Caprolactone)-Cellulose Nanocomposite Hydrogel for Transdermal Delivery of Hydrocortisone in Treating Psoriasis Vulgaris. Polymers, 2022, 14, 2633.	2.0	7
22	Platelet-inspired therapeutics: current status, limitations, clinical implications, and future potential. Drug Delivery and Translational Research, 2021, 11, 24-48.	3.0	10
23	Injectable Nanosystems and Inherent Nanoparticulate-Serum Interactions. , 2021, , 561-572.		0
24	Fouling in ocular devices: implications for drug delivery, bioactive surface immobilization, and biomaterial design. Drug Delivery and Translational Research, 2021, 11, 1903-1923.	3.0	7
25	Macroporous chitosan/methoxypoly(ethylene glycol) based cryosponges with unique morphology for tissue engineering applications. Scientific Reports, 2021, 11, 3104.	1.6	5
26	Visible light-curable water-soluble chitosan derivative, chitosan hydrogel, and preparation method: a patent evaluation of US2019202998A1. Expert Opinion on Therapeutic Patents, 2021, 31, 351-360.	2.4	2
27	Fabrication and Characterisation of a Photo-Responsive, Injectable Nanosystem for Sustained Delivery of Macromolecules. International Journal of Molecular Sciences, 2021, 22, 3359.	1.8	4
28	Synthesis and therapeutic delivery approaches for praziquantel: a patent review (2010-present). Expert Opinion on Therapeutic Patents, 2021, 31, 851-865.	2.4	6
29	Advances in Nano-Enabled Platforms for the Treatment of Depression. Polymers, 2021, 13, 1431.	2.0	9
30	Advanced Strategies for Tissue Engineering in Regenerative Medicine: A Biofabrication and Biopolymer Perspective. Molecules, 2021, 26, 2518.	1.7	25
31	Evaluation of Composition Effects on the Physicochemical and Biological Properties of Polypeptide-Based Hydrogels for Potential Application in Wound Healing. Polymers, 2021, 13, 1828.	2.0	5
32	Theranostic Mesoporous Silica Nanoparticles Loaded With a Curcumin-Naphthoquinone Conjugate for Potential Cancer Intervention. Frontiers in Molecular Biosciences, 2021, 8, 670792.	1.6	17
33	Advances in carbohydrate-based polymers for the design of suture materials: A review. Carbohydrate Polymers, 2021, 261, 117860.	5.1	18
34	This Review Recent Advances in Chitosan and Alginateâ€Based Hydrogels for Wound Healing Application. Frontiers in Materials, 2021, 8, .	1.2	22
35	Three-Dimensional Printability of an ECM-Based Gelatin Methacryloyl (GelMA) Biomaterial for Potential Neuroregeneration. ACS Omega, 2021, 6, 21368-21383.	1.6	17
36	Recent Advances in Microneedle Platforms for Transdermal Drug Delivery Technologies. Polymers, 2021, 13, 2405.	2.0	30

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37	The Application of 3D-Printing and Nanotechnology for the Targeted Treatment of Osteosarcoma. Frontiers in Materials, 2021, 8, .	1.2	13
38	Atrial Natriuretic Peptide Antibody-Functionalised, PEGylated Multiwalled Carbon Nanotubes for Targeted Ischemic Stroke Intervention. Pharmaceutics, 2021, 13, 1357.	2.0	6
39	Thermogelling behaviour of PEG-enclatherated Methylcellulose/Alginate sols. Materials Research Express, 2021, 8, 105303.	0.8	3
40	Lipopolysaccharide Nanosystems for the Enhancement of Oral Bioavailability. AAPS PharmSciTech, 2021, 22, 242.	1.5	6
41	A review on engineered magnetic nanoparticles in Non-Small-Cell lung carcinoma targeted therapy. International Journal of Pharmaceutics, 2021, 606, 120870.	2.6	12
42	An Injectable Nano-Enabled Thermogel to Attain Controlled Delivery of p11 Peptide for the Potential Treatment of Ocular Angiogenic Disorders of the Posterior Segment. Pharmaceutics, 2021, 13, 176.	2.0	11
43	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.	1.4	2
44	Gellan-Xanthan Hydrogel Conduits with Intraluminal Electrospun Nanofibers as Physical, Chemical and Therapeutic Cues for Peripheral Nerve Repair. International Journal of Molecular Sciences, 2021, 22, 11555.	1.8	9
45	Cholesterolâ€Based Conjugates: Synthesis, Characterization and In Vitro Biological Studies. ChemistrySelect, 2021, 6, 11985-11993.	0.7	0
46	Advanced Hydrogels for the Controlled Delivery of Insulin. Pharmaceutics, 2021, 13, 2113.	2.0	16
47	Oroactive dental biomaterials and their use in endodontic therapy. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 201-212.	1.6	19
48	Lipidâ€“drug conjugates and associated carrier strategies for enhanced antiretroviral drug delivery. Pharmaceutical Development and Technology, 2020, 25, 267-280.	1.1	13
49	Repositioning N-Acetylcysteine (NAC): NAC-Loaded Electrospun Drug Delivery Scaffolding for Potential Neural Tissue Engineering Application. Pharmaceutics, 2020, 12, 934.	2.0	14
50	Discovery of Novel Tankyrase Inhibitors through Molecular Docking-Based Virtual Screening and Molecular Dynamics Simulation Studies. Molecules, 2020, 25, 3171.	1.7	18
51	Self-accelerating H₂O₂-responsive Plasmonic Nanovesicles for Synergistic Chemo/starving therapy of Tumors. Theranostics, 2020, 10, 8691-8704.	4.6	43
52	Comparative Nanofabrication of PLGA-Chitosan-PEG Systems Employing Microfluidics and Emulsification Solvent Evaporation Techniques. Polymers, 2020, 12, 1882.	2.0	27
53	Threeâ€dimensional printing of extracellular matrix (<scp>ECM</scp>)â€mimicking scaffolds: A critical review of the current <scp>ECM</scp> materials. Journal of Biomedical Materials Research - Part A, 2020, 108, 2324-2350.	2.1	52
54	Nanotechnological paradigms for neurodegenerative disease interventions. , 2020, , 277-292.		3

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55	Hydrogel Biomaterials for Application in Ocular Drug Delivery. Frontiers in Bioengineering and Biotechnology, 2020, 8, 228.	2.0	122
56	A 3D Bioprinted Pseudo-Bone Drug Delivery Scaffold for Bone Tissue Engineering. Pharmaceutics, 2020, 12, 166.	2.0	54
57	Nanotechnology-Based Biopolymeric Oral Delivery Platforms for Advanced Cancer Treatment. Cancers, 2020, 12, 522.	1.7	55
58	A Review of Nanotechnology for Targeted Anti-schistosomal Therapy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 32.	2.0	28
59	Nanodrug Delivery Systems for the Treatment of Ovarian Cancer. Cancers, 2020, 12, 213.	1.7	24
60	The Design of Poly(lactide-co-glycolide) Nanocarriers for Medical Applications. Frontiers in Bioengineering and Biotechnology, 2020, 8, 48.	2.0	124
61	Proteosaccharide combinations for tissue engineering applications. Carbohydrate Polymers, 2020, 235, 115932.	5.1	25
62	Synthesis of Cerium Oxide Nanoparticles Using Various Methods: Implications for Biomedical Applications. Nanomaterials, 2020, 10, 242.	1.9	113
63	Hydrogel-Based Bioinks for 3D Bioprinting in Tissue Regeneration. Frontiers in Materials, 2020, 7, .	1.2	75
64	Functionalized, Vertically Super-Aligned Multiwalled Carbon Nanotubes for Potential Biomedical Applications. International Journal of Molecular Sciences, 2020, 21, 2276.	1.8	21
65	Role of natural cellulose and hydrogel matrices in stem cell therapy of diabetic foot ulcer. , 2020, , 329-355.		1
66	4D printing and beyond: where to from here?. , 2020, , 139-157.		3
67	Recent progress in 3D-printed polymeric scaffolds for bone tissue engineering. , 2020, , 59-81.		13
68	Hybrid Thermo-Responsive Polymer Systems and Their Biomedical Applications. Frontiers in Materials, 2020, 7, .	1.2	45
69	Carbon Dots as Nanotherapeutics for Biomedical Application. Current Pharmaceutical Design, 2020, 26, 2207-2221.	0.9	26
70	Bioplatform Fabrication Approaches Affecting Chitosan-Based Interpolymer Complex Properties and Performance as Wound Dressings. Molecules, 2020, 25, 222.	1.7	19
71	Synthesis and Properties of CurNQ for the Theranostic Application in Ovarian Cancer Intervention. Molecules, 2020, 25, 4471.	1.7	7
72	Porous particulate platforms for enhanced pulmonary delivery of bioactives. , 2020, , 359-373.		0

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73	Advanced drug delivery systems for respiratory diseases. , 2020, , 41-55.		0
74	Use of Nanoparticulate Systems for Tackling Neurological Aging. Healthy Ageing and Longevity, 2020, , 187-218.	0.2	0
75	Inorganic Nanomaterials for Enhanced Therapeutic Safety. Environmental Chemistry for A Sustainable World, 2020, , 1-24.	0.3	0
76	Three Dimensional Printing (3DP) for Space Pharmaceuticals. , 2020, , 1-38.		0
77	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.	2.5	23
78	The Hemocompatibility of Nanoparticles: A Review of Cellâ€“Nanoparticle Interactions and Hemostasis. Cells, 2019, 8, 1209.	1.8	204
79	Development and Mechanistic Insight into the Enhanced Cytotoxic Potential of Parvifloron D Albumin Nanoparticles in EGFR-Overexpressing Pancreatic Cancer Cells. Cancers, 2019, 11, 1733.	1.7	24
80	Polymer-Based Nanoparticle Strategies for Insulin Delivery. Polymers, 2019, 11, 1380.	2.0	79
81	Advances in Biodegradable Nano-Sized Polymer-Based Ocular Drug Delivery. Polymers, 2019, 11, 1371.	2.0	60
82	Folate-decorated, endostatin-loaded, nanoparticles for anti-proliferative chemotherapy in esophaegeal squamous cell carcinoma. Biomedicine and Pharmacotherapy, 2019, 119, 109450.	2.5	13
83	In situ thermo-co-electroresponsive mucogel for controlled release of bioactive agent. International Journal of Pharmaceutics, 2019, 559, 255-270.	2.6	19
84	Antineoplastic nano-lipobubbles for passively targeted ovarian cancer therapy. Colloids and Surfaces B: Biointerfaces, 2019, 177, 160-168.	2.5	5
85	Liposome-embedded, polymeric scaffold for extended delivery of galantamine. Journal of Drug Delivery Science and Technology, 2019, 50, 255-265.	1.4	14
86	Research progress of scaffold materials. , 2019, , 93-108.		2
87	Development of a fluid-absorptive alginate-chitosan bioplatform for potential application as a wound dressing. Carbohydrate Polymers, 2019, 222, 114988.	5.1	51
88	Preprocessing of Medical Image Data for Three-Dimensional Bioprinted Customized-Neural-Scaffolds. Tissue Engineering - Part C: Methods, 2019, 25, 401-410.	1.1	3
89	Current and Combinative Curcumin Therapeutics for Treating Spinal Cord Injury. , 2019, , 419-435.		1
90	Ionic Liquids as Potential and Synergistic Permeation Enhancers for Transdermal Drug Delivery. Pharmaceutics, 2019, 11, 96.	2.0	96

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91	Synthesis, Characterisation and In Vitro Permeation, Dissolution and Cytotoxic Evaluation of Ruthenium(II)-Liganded Sulpiride and Amino Alcohol. Scientific Reports, 2019, 9, 4146.	1.6	11
92	Stealth Properties of Nanoparticles Against Cancer: Surface Modification of NPs for Passive Targeting to Human Cancer Tissue in Zebrafish Embryos. , 2019, , 99-124.		1
93	Lipopolysaccharide Polyelectrolyte Complex for Oral Delivery of an Anti-tubercular Drug. AAPS PharmSciTech, 2019, 20, 107.	1.5	8
94	Hypothesis: Can drug-loaded platelets be used as delivery vehicles for blood-brain barrier penetration?. Medical Hypotheses, 2019, 125, 75-78.	0.8	7
95	Multifunctional Magnetic Nanowires: Design, Fabrication, and Future Prospects as Cancer Therapeutics. Cancers, 2019, 11, 1956.	1.7	30
96	Physicochemical Basic Principles for Solid Dosage Forms. , 2019, , 1-19.		0
97	Functionalizing bioinks for 3D bioprinting applications. Drug Discovery Today, 2019, 24, 198-205.	3.2	114
98	Nanoengineered biomaterials for vascular tissue engineering. , 2019, , 125-144.		1
99	3D printed, controlled release, tritherapeutic tablet matrix for advanced anti-HIV-1 drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 138, 99-110.	2.0	53
100	Design and characterisation of PHBV-magnesium oleate directional nanofibers for neurosupport. Biomedical Materials (Bristol), 2019, 14, 065015.	1.7	10
101	Multi-Cyclodextrin Supramolecular Encapsulation Entities for Multifaceted Topical Drug Delivery Applications. , 2019, , 1-17.		0
102	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.	1.4	3
103	Synthesis and biocompatibility of dual-responsive thermosonic injectable organogels based on crosslinked N-(isopropyl acrylamide) for tumour microenvironment targeting. Materials Science and Engineering C, 2018, 90, 148-158.	3.8	8
104	InÂVitroâ€“InÂVivo Evaluation of an Oral Ghost Drug Delivery Device for the Delivery of Salmon Calcitonin. Journal of Pharmaceutical Sciences, 2018, 107, 1605-1614.	1.6	5
105	Advances in patented interpenetrating polymeric networks for biomedical applications. Pharmaceutical Patent Analyst, 2018, 7, 99-101.	0.4	2
106	Thermo-intelligent Injectable Implants: Intricate Mechanisms and Therapeutic Applications. Gels Horizons: From Science To Smart Materials, 2018, , 341-359.	0.3	2
107	Hypothesis: apoâ€lactoferrinâ€“Galantamine Proteoâ€alkaloid Conjugate for Alzheimer's disease Intervention. Journal of Cellular and Molecular Medicine, 2018, 22, 1957-1963.	1.6	6
108	A 3D bioprinted in situ conjugatedâ€coâ€fabricated scaffold for potential bone tissue engineering applications. Journal of Biomedical Materials Research - Part A, 2018, 106, 1311-1321.	2.1	36

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109	In Vitro, ExÂVivo, and InÂVivo Evaluation of a Dual pH/Redox Responsive Nanoliposomal Sludge for Transdermal Drug Delivery. Journal of Pharmaceutical Sciences, 2018, 107, 1028-1036.	1.6	7
110	Development of a Novel Polymeric Nanocomposite Complex for Drugs with Low Bioavailability. AAPS PharmSciTech, 2018, 19, 303-314.	1.5	16
111	Alternative fluorophores designed for advanced molecular imaging. Drug Discovery Today, 2018, 23, 115-133.	3.2	22
112	In Vitro and In Silico Analyses of Nicotine Release from a Gelisphere-Loaded Compressed Polymeric Matrix for Potential Parkinsonâ€™s Disease Interventions. Pharmaceutics, 2018, 10, 233.	2.0	6
113	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, 3030.	1.8	6
114	3D scaffolds for brain tissue regeneration: architectural challenges. Biomaterials Science, 2018, 6, 2812-2837.	2.6	62
115	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.	0.9	2
116	Artificial, Triple-Layered, Nanomembranous Wound Patch for Potential Diabetic Foot Ulcer Intervention. Materials, 2018, 11, 2128.	1.3	18
117	In silico analyticoâ€mathematical interpretation of biopolymeric assemblies: Quantification of energy surfaces and molecular attributes via atomistic simulations. Bioengineering and Translational Medicine, 2018, 3, 222-231.	3.9	16
118	Nanocomposites for therapeutic application in multiple sclerosis. , 2018, , 391-408.		14
119	Use of nanostructured materials in hard tissue engineering. , 2018, , 257-295.		0
120	Stimuli-responsive polymers as smart drug delivery systems: Classifications based on carrier type and triggered-release mechanism. , 2018, , 43-58.		20
121	Dexamethasone-Loaded, PEGylated, Vertically Aligned, Multiwalled Carbon Nanotubes for Potential Ischemic Stroke Intervention. Molecules, 2018, 23, 1406.	1.7	23
122	Nanotechnology and Glycosaminoglycans: Paving the Way Forward for Ovarian Cancer Intervention. International Journal of Molecular Sciences, 2018, 19, 731.	1.8	5
123	Rethinking Drug Discovery and Targeting After the Genomic Revolution. , 2018, , 1-17.		0
124	Neurodegenerative Disease Conditions and Genomic Treatment for Better Health. , 2018, , 281-310.		0
125	Customized Peptide Biomaterial Synthesis via an Environment-Reliant Auto-Programmer Stigmergic Approach. Materials, 2018, 11, 609.	1.3	2
126	3D Printed, PVAâ€“PAA Hydrogel Loaded-Polycaprolactone Scaffold for the Delivery of Hydrophilic In-Situ Formed Sodium Indomethacin. Materials, 2018, 11, 1006.	1.3	11

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127	Drug Delivery Strategies for Antivirals against Hepatitis B Virus. Viruses, 2018, 10, 267.	1.5	14
128	Therapeutic applications and pharmacoeconomics of microneedle technology. Expert Review of Pharmacoeconomics and Outcomes Research, 2018, 18, 359-369.	0.7	26
129	Polymeric, injectable, intravitreal hydrogel devices for posterior segment applications and interventions. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1074-1081.	1.9	13
130	Implantable and transdermal polymeric drug delivery technologies for the treatment of central nervous system disorders. Pharmaceutical Development and Technology, 2017, 22, 476-486.	1.1	10
131	In Vivo Evaluation of a PEO-Gellan Gum Semi-Interpenetrating Polymer Network for the Oral Delivery of Sulpiride. AAPS PharmSciTech, 2017, 18, 654-670.	1.5	12
132	Functionalized Nanolipobubbles Embedded Within a Nanocomposite Hydrogel: a Molecular Bio-imaging and Biomechanical Analysis of the System. AAPS PharmSciTech, 2017, 18, 671-685.	1.5	3
133	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.	1.5	4
134	InÂVitro and InÂVivo Evaluation of a Hydrogel-Based Microneedle Device for Transdermal Electro-Modulated Analgesia. Journal of Pharmaceutical Sciences, 2017, 106, 1111-1116.	1.6	6
135	Development of an injectable pseudo-bone thermo-gel for application in small bone fractures. International Journal of Pharmaceutics, 2017, 520, 39-48.	2.6	16
136	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.	1.4	17
137	Development of a Gastric Absorptive, Immediate Responsive, Oral Protein-Loaded Versatile Polymeric Delivery System. AAPS PharmSciTech, 2017, 18, 2479-2493.	1.5	15
138	Cellular internalisation kinetics and cytotoxic properties of statistically designed and optimised neo-geometric copper nanocrystals. Materials Science and Engineering C, 2017, 78, 376-388.	3.8	5
139	Design and characterization of neurodurable gellan-xanthan pH-responsive hydrogels for controlled drug delivery. Expert Opinion on Drug Delivery, 2017, 14, 291-306.	2.4	25
140	Induction of creep crack morphology in iron oxide microparticles: An outcome of the common-ion effect. Materials Letters, 2017, 188, 417-422.	1.3	0
141	Targeted nanotechnologies for cancer intervention: a patent review (2010-2016). Expert Opinion on Therapeutic Patents, 2017, 27, 1005-1019.	2.4	19
142	Synthesis, Comparison, and Optimization of a Humic Acid-Quat10 Polyelectrolyte Complex by Complexation-Precipitation versus Extrusion-Spheronization. AAPS PharmSciTech, 2017, 18, 3116-3128.	1.5	1
143	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.	1.4	25
144	Synthesis and inÂvitro 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.	1.4	11

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145	Design, characterization and optimization of lamivudine-loaded amphiphilic HA- g -ECL nanoparticles. Journal of Drug Delivery Science and Technology, 2017, 39, 75-87.	1.4	3
146	InÂvivo 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.	1.4	5
147	Submicron Matrices Embedded in a Polymeric Caplet for Extended Intravaginal Delivery of Zidovudine. AAPS Journal, 2017, 19, 1745-1759.	2.2	2
148	A review of the chemical modification techniques of starch. Carbohydrate Polymers, 2017, 157, 1226-1236.	5.1	381
149	A composite chitosan-gelatin bi-layered, biomimetic macroporous scaffold for blood vessel tissue engineering. Carbohydrate Polymers, 2017, 157, 1215-1225.	5.1	99
150	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.	1.1	30
151	Outlook on the Application of Metal-Liganded Bioactives for Stimuli-Responsive Release. Molecules, 2017, 22, 2065.	1.7	5
152	Design of a Versatile pH-Responsive Hydrogel for Potential Oral Delivery of Gastric-Sensitive Bioactives. Polymers, 2017, 9, 474.	2.0	39
153	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, 257.	2.2	9
154	Design and Characterization of Endostatin-Loaded Nanoparticles for In Vitro Antiangiogenesis in Squamous Cell Carcinoma. Journal of Nanomaterials, 2017, 2017, 1-17.	1.5	7
155	Ex Vivo and In Vivo Characterization of Interpolymeric Blend/Nanoenabled Gastroretentive Levodopa Delivery Systems. Parkinson's Disease, 2017, 2017, 1-14.	0.6	1
156	Ester-Based Hydrophilic Cyclodextrin Nanosponges for Topical Ocular Drug Delivery. Current Pharmaceutical Design, 2017, 22, 6988-6997.	0.9	17
157	The Chemo-Biological Outreach of Nano-Biomaterials: Implications for Tissue Engineering and Regenerative Medicine. Current Pharmaceutical Design, 2017, 23, 3538-3549.	0.9	8
158	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.	2.6	19
159	Poly (PEGDMA-MAA) copolymeric micro and nanoparticles for oral insulin delivery : A molecular mechanistic revisit. International Journal of Pharmacology and Pharmaceutical Technology, 2017, , 62-67.	0.1	0
160	Diagnosis and Treatment of Neurological and Ischemic Disorders Employing Carbon Nanotube Technology. Journal of Nanomaterials, 2016, 2016, 1-19.	1.5	24
161	â€œOn-The-Spotâ€•Arresting of Chondroitin Sulphate Proteoglycans: Implications for Ovarian Adenocarcinoma Recognition and Intervention. International Journal of Molecular Sciences, 2016, 17, 1136.	1.8	2
162	Stimuli-Responsive Polymeric Systems for Controlled Protein and Peptide Delivery: Future Implications for Ocular Delivery. Molecules, 2016, 21, 1002.	1.7	33

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163	A Review of Injectable Polymeric Hydrogel Systems for Application in Bone Tissue Engineering. Molecules, 2016, 21, 1580.	1.7	153
164	A Review of Thermo- and Ultrasound-Responsive Polymeric Systems for Delivery of Chemotherapeutic Agents. Polymers, 2016, 8, 359.	2.0	70
165	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, 232.	2.0	10
166	Neo-Geometric Copper Nanocrystals by Competitive, Dual Surfactant-Mediated Facet Adsorption Controlling Skin Permeation. Materials, 2016, 9, 966.	1.3	8
167	Electroactive Polymers and Coatings. , 2016, , 51-89.		3
168	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.	1.8	9
169	Polymeric networks for controlled release of drugs: a patent review. Expert Opinion on Therapeutic Patents, 2016, 26, 703-717.	2.4	8
170	Ca3(PO4)2 precipitated layering of an in situ hybridized PVA/Ca2O4Si nanofibrous antibacterial wound dressing. International Journal of Pharmaceutics, 2016, 507, 41-49.	2.6	16
171	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.	1.7	5
172	Multi-target therapeutics for neuropsychiatric and neurodegenerative disorders. Drug Discovery Today, 2016, 21, 1886-1914.	3.2	42
173	A dual pH/Redox responsive copper-ligand nanoliposome bioactive complex for the treatment of chronic inflammation. International Journal of Pharmaceutics, 2016, 509, 348-359.	2.6	18
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