

# Viness Pillay

## List of Publications by Year in descending order

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Version: 2024-02-01

254  
papers

9,793  
citations

47409

49  
h-index

54771

88  
g-index

255  
all docs

255  
docs citations

255  
times ranked

15650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 754-763.	1.8	32
2	Synthesis and therapeutic delivery approaches for praziquantel: a patent review (2010-present). <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 851-865.	2.4	6
3	Three-Dimensional Printability of an ECM-Based Gelatin Methacryloyl (GelMA) Biomaterial for Potential Neuroregeneration. <i>ACS Omega</i> , 2021, 6, 21368-21383.	1.6	17
4	An Injectable Nano-Enabled Thermogel to Attain Controlled Delivery of p11 Peptide for the Potential Treatment of Ocular Angiogenic Disorders of the Posterior Segment. <i>Pharmaceutics</i> , 2021, 13, 176.	2.0	11
5	Oroactive dental biomaterials and their use in endodontic therapy. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 201-212.	1.6	19
6	Lipid-drug conjugates and associated carrier strategies for enhanced antiretroviral drug delivery. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 267-280.	1.1	13
7	Repositioning N-Acetylcysteine (NAC): NAC-Loaded Electrospun Drug Delivery Scaffolding for Potential Neural Tissue Engineering Application. <i>Pharmaceutics</i> , 2020, 12, 934.	2.0	14
8	Discovery of Novel Tankyrase Inhibitors through Molecular Docking-Based Virtual Screening and Molecular Dynamics Simulation Studies. <i>Molecules</i> , 2020, 25, 3171.	1.7	18
9	Comparative Nanofabrication of PLGA-Chitosan-PEG Systems Employing Microfluidics and Emulsification Solvent Evaporation Techniques. <i>Polymers</i> , 2020, 12, 1882.	2.0	27
10	Three-dimensional printing of extracellular matrix (ECM) mimicking scaffolds: A critical review of the current ECM materials. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 2324-2350.	2.1	52
11	A 3D Bioprinted Pseudo-Bone Drug Delivery Scaffold for Bone Tissue Engineering. <i>Pharmaceutics</i> , 2020, 12, 166.	2.0	54
12	Nanotechnology-Based Biopolymeric Oral Delivery Platforms for Advanced Cancer Treatment. <i>Cancers</i> , 2020, 12, 522.	1.7	55
13	Nanodrug Delivery Systems for the Treatment of Ovarian Cancer. <i>Cancers</i> , 2020, 12, 213.	1.7	24
14	Proteosaccharide combinations for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2020, 235, 115932.	5.1	25
15	Synthesis of Cerium Oxide Nanoparticles Using Various Methods: Implications for Biomedical Applications. <i>Nanomaterials</i> , 2020, 10, 242.	1.9	113
16	Functionalized, Vertically Super-Aligned Multiwalled Carbon Nanotubes for Potential Biomedical Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2276.	1.8	21
17	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an <i>in vitro</i> study. <i>Nanomedicine</i> , 2020, 15, 2955-2970.	1.7	8
18	Bioplatfrom Fabrication Approaches Affecting Chitosan-Based Interpolymer Complex Properties and Performance as Wound Dressings. <i>Molecules</i> , 2020, 25, 222.	1.7	19

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19	Synthesis and Properties of CurNQ for the Theranostic Application in Ovarian Cancer Intervention. <i>Molecules</i> , 2020, 25, 4471.	1.7	7
20	Time-Domain Analysis of Molecular Dynamics Trajectories Using Deep Neural Networks: Application to Activity Ranking of Tankyrase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 3519-3532.	2.5	23
21	The Hemocompatibility of Nanoparticles: A Review of Cell-Nanoparticle Interactions and Hemostasis. <i>Cells</i> , 2019, 8, 1209.	1.8	204
22	Development and Mechanistic Insight into the Enhanced Cytotoxic Potential of Parvifloron D Albumin Nanoparticles in EGFR-Overexpressing Pancreatic Cancer Cells. <i>Cancers</i> , 2019, 11, 1733.	1.7	24
23	Polymer-Based Nanoparticle Strategies for Insulin Delivery. <i>Polymers</i> , 2019, 11, 1380.	2.0	79
24	Advances in Biodegradable Nano-Sized Polymer-Based Ocular Drug Delivery. <i>Polymers</i> , 2019, 11, 1371.	2.0	60
25	In situ thermo-co-electroresponsive mucogel for controlled release of bioactive agent. <i>International Journal of Pharmaceutics</i> , 2019, 559, 255-270.	2.6	19
26	Antineoplastic nano-lipobubbles for passively targeted ovarian cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 160-168.	2.5	5
27	Development of a fluid-absorptive alginate-chitosan bioplatfrom for potential application as a wound dressing. <i>Carbohydrate Polymers</i> , 2019, 222, 114988.	5.1	51
28	Ionic Liquids as Potential and Synergistic Permeation Enhancers for Transdermal Drug Delivery. <i>Pharmaceutics</i> , 2019, 11, 96.	2.0	96
29	Synthesis, Characterisation and In Vitro Permeation, Dissolution and Cytotoxic Evaluation of Ruthenium(II)-Liganded Sulpiride and Amino Alcohol. <i>Scientific Reports</i> , 2019, 9, 4146.	1.6	11
30	Lipopolysaccharide Polyelectrolyte Complex for Oral Delivery of an Anti-tubercular Drug. <i>AAPS PharmSciTech</i> , 2019, 20, 107.	1.5	8
31	Hypothesis: Can drug-loaded platelets be used as delivery vehicles for blood-brain barrier penetration?. <i>Medical Hypotheses</i> , 2019, 125, 75-78.	0.8	7
32	Multifunctional Magnetic Nanowires: Design, Fabrication, and Future Prospects as Cancer Therapeutics. <i>Cancers</i> , 2019, 11, 1956.	1.7	30
33	Functionalizing bioinks for 3D bioprinting applications. <i>Drug Discovery Today</i> , 2019, 24, 198-205.	3.2	114
34	3D printed, controlled release, tritherapeutic tablet matrix for advanced anti-HIV-1 drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 138, 99-110.	2.0	53
35	Design and characterisation of PHBV-magnesium oleate directional nanofibers for neurosupport. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 065015.	1.7	10
36	Hypothesis: apo-lactoferrin-Galantamine Proteoglycan Conjugate for Alzheimer's disease Intervention. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1957-1963.	1.6	6

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37	Development of a Novel Polymeric Nanocomposite Complex for Drugs with Low Bioavailability. AAPS PharmSciTech, 2018, 19, 303-314.	1.5	16
38	In Vitro and In Silico Analyses of Nicotine Release from a Gelisphere-Loaded Compressed Polymeric Matrix for Potential Parkinson's Disease Interventions. Pharmaceutics, 2018, 10, 233.	2.0	6
39	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
40	3D scaffolds for brain tissue regeneration: architectural challenges. Biomaterials Science, 2018, 6, 2812-2837.	2.6	62
41	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
42	Artificial, Triple-Layered, Nanomembranous Wound Patch for Potential Diabetic Foot Ulcer Intervention. Materials, 2018, 11, 2128.	1.3	18
43	In silico analytical-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
44	Site-specific delivery of polymeric encapsulated microorganisms: a patent evaluation of US20170165201A1. Expert Opinion on Therapeutic Patents, 2018, 28, 703-708.	2.4	4
45	Dexamethasone-Loaded, PEGylated, Vertically Aligned, Multiwalled Carbon Nanotubes for Potential Ischemic Stroke Intervention. Molecules, 2018, 23, 1406.	1.7	23
46	Nanotechnology and Glycosaminoglycans: Paving the Way Forward for Ovarian Cancer Intervention. International Journal of Molecular Sciences, 2018, 19, 731.	1.8	5
47	Customized Peptide Biomaterial Synthesis via an Environment-Reliant Auto-Programmer Stigmergic Approach. Materials, 2018, 11, 609.	1.3	2
48	3D Printed, PVA-PAA Hydrogel Loaded-Polycaprolactone Scaffold for the Delivery of Hydrophilic In-Situ Formed Sodium Indomethacin. Materials, 2018, 11, 1006.	1.3	11
49	Drug Delivery Strategies for Antivirals against Hepatitis B Virus. Viruses, 2018, 10, 267.	1.5	14
50	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. Colloids and Surfaces B: Biointerfaces, 2018, 172, 51-59.	2.5	79
51	Therapeutic applications and pharmacoconomics of microneedle technology. Expert Review of Pharmacoconomics and Outcomes Research, 2018, 18, 359-369.	0.7	26
52	Polymeric, injectable, intravitreal hydrogel devices for posterior segment applications and interventions. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1074-1081.	1.9	13
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	Development of a Gastric Absorptive, Immediate Responsive, Oral Protein-Loaded Versatile Polymeric Delivery System. AAPS PharmSciTech, 2017, 18, 2479-2493.	1.5	15
61	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
62	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
63	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
64	Targeted nanotechnologies for cancer intervention: a patent review (2010-2016). Expert Opinion on Therapeutic Patents, 2017, 27, 1005-1019.	2.4	19
65	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
66	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
67	Submicron Matrices Embedded in a Polymeric Caplet for Extended Intravaginal Delivery of Zidovudine. AAPS Journal, 2017, 19, 1745-1759.	2.2	2
68	A review of the chemical modification techniques of starch. Carbohydrate Polymers, 2017, 157, 1226-1236.	5.1	381
69	A composite chitosan-gelatin bi-layered, biomimetic macroporous scaffold for blood vessel tissue engineering. Carbohydrate Polymers, 2017, 157, 1215-1225.	5.1	99
70	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
71	Outlook on the Application of Metal-Liganded Bioactives for Stimuli-Responsive Release. Molecules, 2017, 22, 2065.	1.7	5
72	Design of a Versatile pH-Responsive Hydrogel for Potential Oral Delivery of Gastric-Sensitive Bioactives. Polymers, 2017, 9, 474.	2.0	39

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73	Synthesis and Evaluation of a Sodium Alginate-4-Aminosalicylic Acid Based Microporous Hydrogel for Potential Viscosupplementation for Joint Injuries and Arthritis-Induced Conditions. <i>Marine Drugs</i> , 2017, 15, 257.	2.2	9
74	Design and Characterization of Endostatin-Loaded Nanoparticles for In Vitro Antiangiogenesis in Squamous Cell Carcinoma. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-17.	1.5	7
75	Ex Vivo and In Vivo Characterization of Interpolymeric Blend/Nanoenabled Gastroretentive Levodopa Delivery Systems. <i>Parkinson's Disease</i> , 2017, 2017, 1-14.	0.6	1
76	A novel multi-tiered experimental approach unfolding the mechanisms behind cyclodextrin-vitamin inclusion complexes for enhanced vitamin solubility and stability. <i>International Journal of Pharmaceutics</i> , 2017, 532, 90-104.	2.6	19
77	Diagnosis and Treatment of Neurological and Ischemic Disorders Employing Carbon Nanotube Technology. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-19.	1.5	24
78	“On-The-Spot” Arresting of Chondroitin Sulphate Proteoglycans: Implications for Ovarian Adenocarcinoma Recognition and Intervention. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1136.	1.8	2
79	Stimuli-Responsive Polymeric Systems for Controlled Protein and Peptide Delivery: Future Implications for Ocular Delivery. <i>Molecules</i> , 2016, 21, 1002.	1.7	33
80	A Review of Injectable Polymeric Hydrogel Systems for Application in Bone Tissue Engineering. <i>Molecules</i> , 2016, 21, 1580.	1.7	153
81	A Review of Thermo- and Ultrasound-Responsive Polymeric Systems for Delivery of Chemotherapeutic Agents. <i>Polymers</i> , 2016, 8, 359.	2.0	70
82	The Influence of Lyophilized EmuGel Silica Microspheres on the Physicomechanical Properties, In Vitro Bioactivity and Biodegradation of a Novel Ciprofloxacin-Loaded PCL/PAA Scaffold. <i>Polymers</i> , 2016, 8, 232.	2.0	10
83	Neo-Geometric Copper Nanocrystals by Competitive, Dual Surfactant-Mediated Facet Adsorption Controlling Skin Permeation. <i>Materials</i> , 2016, 9, 966.	1.3	8
84	A humic acid-polyquaternium-10 stoichiometric self-assembled fibrilla polyelectrolyte complex: Effect of pH on synthesis, characterization, and drug release. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 550-560.	1.8	9
85	Polymeric networks for controlled release of drugs: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 703-717.	2.4	8
86	Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> precipitated layering of an in situ hybridized PVA/Ca <sub>2</sub> O <sub>4</sub> Si nanofibrous antibacterial wound dressing. <i>International Journal of Pharmaceutics</i> , 2016, 507, 41-49.	2.6	16
87	A Dual-Biotic System for the Concurrent Delivery of Antibiotics and Probiotics: In Vitro, Ex Vivo, In Vivo and In Silico Evaluation and Correlation. <i>Pharmaceutical Research</i> , 2016, 33, 3057-3071.	1.7	5
88	Multi-target therapeutics for neuropsychiatric and neurodegenerative disorders. <i>Drug Discovery Today</i> , 2016, 21, 1886-1914.	3.2	42
89	A dual pH/Redox responsive copper-ligand nanoliposome bioactive complex for the treatment of chronic inflammation. <i>International Journal of Pharmaceutics</i> , 2016, 509, 348-359.	2.6	18
90	Design and evaluation of an oral multiparticulate system for dual delivery of amoxicillin and <i>Lactobacillus acidophilus</i> . <i>Future Microbiology</i> , 2016, 11, 1133-1145.	1.0	2

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91	Design of an In Situ Cross-Linked Eutectic Tablet for Enhanced Delivery of Gastro-Sensitive Proteins and Peptides. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2086-2098.	1.6	2
92	A review of formulation techniques that impact the disintegration and mechanical properties of oradispersible drug delivery technologies. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 354-366.	1.1	13
93	3D-printing and the effect on medical costs: a new era?. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2016, 16, 23-32.	0.7	115
94	AN in vitro evaluation of a carmustine-loaded Nano-co-Plex for potential magnetic-targeted intranasal delivery to the brain. <i>International Journal of Pharmaceutics</i> , 2016, 500, 196-209.	2.6	41
95	Design of an Inflammation-Sensitive Polyelectrolyte-Based Topical Drug Delivery System for Arthritis. <i>AAPS PharmSciTech</i> , 2016, 17, 1075-1085.	1.5	11
96	Improving drug delivery technology for treating neurodegenerative diseases. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1029-1043.	2.4	26
97	Poly(ethylene glycol) enclatherated pectin-mucin submicron matrices for intravaginal anti-HIV-1 drug delivery. <i>International Journal of Pharmaceutics</i> , 2016, 503, 16-28.	2.6	9
98	Intestinal Targeting of Ganciclovir Release Employing a Novel HEC-PAA Blended Lyomatrix. <i>AAPS PharmSciTech</i> , 2016, 17, 1120-1130.	1.5	6
99	A novel bile saltsâ€lipase polymeric film-infused minitabket system for enhanced oral delivery of cholecalciferol. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 832-846.	1.1	3
100	A bio-injectable algin-aminocaproic acid thixogel with tri-stimuli responsiveness. <i>Carbohydrate Polymers</i> , 2016, 135, 324-333.	5.1	11
101	An electro-conductive fluid as a responsive implant for the controlled stimuli-release of diclofenac sodium. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 875-886.	1.1	4
102	Carcinogenic nitrosamines in traditional beer as the cause of oesophageal squamous cell carcinoma in black South Africans. <i>South African Medical Journal</i> , 2015, 105, 656.	0.2	6
103	A Novel Melt-Dispersion Technique for Simplistic Preparation of Chlorpromazine-Loaded Polycaprolactone Nanocapsules. <i>Polymers</i> , 2015, 7, 1145-1176.	2.0	15
104	Bypassing P-Glycoprotein Drug Efflux Mechanisms: Possible Applications in Pharmaco-resistant Schizophrenia Therapy. <i>BioMed Research International</i> , 2015, 2015, 1-21.	0.9	103
105	In Silico Affinity Profiling of Neuroactive Polyphenols for Post-Traumatic Calpain Inactivation: A Molecular Docking and Atomistic Simulation Sensitivity Analysis. <i>Molecules</i> , 2015, 20, 135-168.	1.7	16
106	Parameters and characteristics governing cellular internalization and trans-barrier trafficking of&nbsp;nanostructures. <i>International Journal of Nanomedicine</i> , 2015, 10, 2191.	3.3	124
107	Design of a novel crosslinked HEC-PAA porous hydrogel composite for dissolution rate and solubility enhancement of efavirenz. <i>International Journal of Pharmaceutics</i> , 2015, 490, 429-437.	2.6	23
108	<i>In vivo</i> evaluation of a mucoadhesive polymeric caplet for intravaginal anti-HIV-1 delivery and development of a molecular mechanistic model for thermochemical characterization. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1274-1287.	0.9	8

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109	A Menthol-Based Solid Dispersion Technique for Enhanced Solubility and Dissolution of Sulfamethoxazole from an Oral Tablet Matrix. <i>AAPS PharmSciTech</i> , 2015, 16, 771-786.	1.5	24
110	A Review of the Potential Role of Nano-Enabled Drug Delivery Technologies in Amyotrophic Lateral Sclerosis: Lessons Learned from Other Neurodegenerative Disorders. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1213-1229.	1.6	28
111	A gastro-resistant ovalbumin bi-layered mini-tablet-in-tablet system for the delivery of <i>Lactobacillus acidophilus</i> probiotic to simulated human intestinal and colon conditions. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 939-950.	1.2	15
112	Design of chitospheres loaded with pristine polymer particles for extended drug delivery via polyelectrolyte complexation and particulate leaching. <i>International Journal of Pharmaceutics</i> , 2015, 479, 189-206.	2.6	8
113	A Review: Overview of Novel Polyelectrolyte Complexes as Prospective Drug Bioavailability Enhancers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 955-968.	1.8	52
114	Microwave-assisted facile synthesis of a new tri-block chitosan conjugate with improved mucoadhesion. <i>Carbohydrate Polymers</i> , 2015, 130, 213-221.	5.1	27
115	In Vitro, Ex Vivo and In Silico Mechanistic Elucidation of the Performance of an Optimized Porosity-Controlled Multi-Elemental Transbuccal System. <i>Pharmaceutical Research</i> , 2015, 32, 2384-2409.	1.7	4
116	In silicomechanistic disposition and in vivo evaluation of zero-order drug release from a novel triple-layered tablet matrix. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 693-713.	2.4	1
117	In vitro pharmaceutical characterization and statistical optimization of a novel topically applied instantly-soluble solid eye drop matrix. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 854-862.	1.1	5
118	A Co-blended Locust Bean Gum and Polymethacrylate-NaCMC Matrix to Achieve Zero-Order Release via Hydro-Erosive Modulation. <i>AAPS PharmSciTech</i> , 2015, 16, 1377-1389.	1.5	13
119	Ex vivo evaluation of a microneedle array device for transdermal application. <i>International Journal of Pharmaceutics</i> , 2015, 496, 351-359.	2.6	13
120	An optimized gastroretentive nanosystem for the delivery of levodopa. <i>International Journal of Pharmaceutics</i> , 2015, 494, 49-65.	2.6	20
121	Development and in vivo evaluation of an implantable nano-enabled multipolymeric scaffold for the management of AIDS dementia complex (ADC). <i>International Journal of Pharmaceutics</i> , 2015, 496, 863-877.	2.6	5
122	Enhancement of the biomineralization and cellular adhesivity of polycaprolactone-based hollow porous microspheres via dopamine bio-activation for tissue engineering applications. <i>Materials Letters</i> , 2015, 161, 503-507.	1.3	12
123	A novel pH-responsive interpolyelectrolyte hydrogel complex for the oral delivery of levodopa. Part II: Characterization and formulation of an IPEC-based tablet matrix. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1085-1094.	2.1	2
124	A novel pH-responsive interpolyelectrolyte hydrogel complex for the oral delivery of levodopa. Part I. IPEC modeling and synthesis. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1077-1084.	2.1	6
125	Potential nanotechnologies and molecular targets in the quest for efficient chemotherapy in ovarian cancer. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 613-634.	2.4	2
126	The cellular response of <i>Saccharomyces cerevisiae</i> to multi-walled carbon nanotubes (MWCNTs). <i>Journal of Saudi Chemical Society</i> , 2015, 19, 147-154.	2.4	16



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127	Multifunctional Therapeutic Delivery Strategies for Effective Neuro-Regeneration Following Traumatic Spinal Cord Injury. <i>Current Pharmaceutical Design</i> , 2015, 21, 1517-1528.	0.9	24
128	A Review of Polymeric Colloidal Nanogels in Transdermal Drug Delivery. <i>Current Pharmaceutical Design</i> , 2015, 21, 2801-2813.	0.9	30
129	Functionalized Nanocarriers for Enhanced Bioactive Delivery to Squamous Cell Carcinomas: Targeting Approaches and Related Biopharmaceutical Aspects. <i>Current Pharmaceutical Design</i> , 2015, 21, 3167-3180.	0.9	9
130	Disulphide-Thiol Chemistry: A Multi-Faceted Tool for Macromolecular Design and Synthesis of Polyfunctional Materials for Specialized Drug Delivery. <i>Current Drug Delivery</i> , 2015, 12, 282-298.	0.8	8
131	The response effect of pheochromocytoma (PC12) cell lines to oxidized multi-walled carbon nanotubes (&lt;i>MWCMTs). <i>African Health Sciences</i> , 2014, 13, 947.	0.3	5
132	A Review of Bioactive Release from Nerve Conduits as a Neurotherapeutic Strategy for Neuronal Growth in Peripheral Nerve Injury. <i>BioMed Research International</i> , 2014, 2014, 1-19.	0.9	45
133	symbiotic glance at the complexities of signature microbiomic interventions: Infusing balance. <i>South African Journal of Science</i> , 2014, 110, 5.	0.3	0
134	A review of topically administered mini-tablets for drug delivery to the anterior segment of the eye. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 490-506.	1.2	23
135	In vivo evaluation and in-depth pharmaceutical characterization of a rapidly dissolving solid ocular matrix for the topical delivery of timolol maleate in the rabbit eye model. <i>International Journal of Pharmaceutics</i> , 2014, 466, 296-306.	2.6	12
136	In silico elucidation of the inclusion phenomenon and permeation behavior of a zidovudine&quot;cyclodextrin complex via static lattice atomistic simulation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 78, 445-455.	0.9	2
137	An interfacially plasticized electro-responsive hydrogel for transdermal electro-activated and modulated (TEAM) drug delivery. <i>International Journal of Pharmaceutics</i> , 2014, 462, 52-65.	2.6	65
138	Nutraceutical-based therapeutics and formulation strategies augmenting their efficiency to complement modern medicine: An overview. <i>Journal of Functional Foods</i> , 2014, 6, 82-99.	1.6	135
139	In Vitro, In Vivo, and In Silico Evaluation of the Bioresponsive Behavior of an Intelligent Intraocular Implant. <i>Pharmaceutical Research</i> , 2014, 31, 607-634.	1.7	21
140	Nanoparticulate strategies for the five R&quot;s of traumatic spinal cord injury intervention: restriction, repair, regeneration, restoration and reorganization. <i>Nanomedicine</i> , 2014, 9, 331-348.	1.7	15
141	Current advances in the fabrication of microneedles for transdermal delivery. <i>Journal of Controlled Release</i> , 2014, 185, 130-138.	4.8	301
142	A Review of the Advancements in Probiotic Delivery: Conventional vs. Non-conventional Formulations for Intestinal Flora Supplementation. <i>AAPS PharmSciTech</i> , 2014, 15, 29-43.	1.5	142
143	A review of integrating electroactive polymers as responsive systems for specialized drug delivery applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2039-2054.	2.1	94
144	Synthesis of a Semi-Interpenetrating Polymer Network as a Bioactive Curcumin Film. <i>AAPS PharmSciTech</i> , 2014, 15, 1476-1489.	1.5	15

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145	Development and validation of dot-ELISA on modified cellulose filter paper: a simplified novel approach. <i>Analytical Methods</i> , 2014, 6, 7374-7383.	1.3	2
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