

Thirumala Govender

List of Publications by Year in descending order

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122
papers

5,282
citations

94381

37
h-index

98753

67
g-index

123
all docs

123
docs citations

123
times ranked

6942
citing authors

#	ARTICLE	IF	CITATIONS
1	PLGA nanoparticles prepared by nanoprecipitation: drug loading and release studies of a water soluble drug. <i>Journal of Controlled Release</i> , 1999, 57, 171-185.	4.8	868
2	Hydrazone linkages in pH responsive drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 45-65.	1.9	205
3	Defining the drug incorporation properties of PLA-PEG nanoparticles. <i>International Journal of Pharmaceutics</i> , 2000, 199, 95-110.	2.6	197
4	Colloidal stability and drug incorporation aspects of micellar-like PLA-PEG nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 16, 147-159.	2.5	190
5	Nanodrug delivery in reversing multidrug resistance in cancer cells. <i>Frontiers in Pharmacology</i> , 2014, 5, 159.	1.6	175
6	Nanoengineered Drug Delivery Systems for Enhancing Antibiotic Therapy. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 872-905.	1.6	157
7	Optimisation and characterisation of bioadhesive controlled release tetracycline microspheres. <i>International Journal of Pharmaceutics</i> , 2005, 306, 24-40.	2.6	142
8	Solid lipid nanoparticles of clotrimazole silver complex: An efficient nano antibacterial against <i>Staphylococcus aureus</i> and MRSA. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 651-658.	2.5	118
9	Exploring the use of novel drug delivery systems for antiretroviral drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 697-710.	2.0	108
10	Ion pairing with linoleic acid simultaneously enhances encapsulation efficiency and antibacterial activity of vancomycin in solid lipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 303-311.	2.5	93
11	A novel supramolecular shape memory material based on partial β -CD-PEG inclusion complex. <i>Polymer</i> , 2008, 49, 3205-3210.	1.8	76
12	Enhancing targeted antibiotic therapy via pH responsive solid lipid nanoparticles from an acid cleavable lipid. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2067-2077.	1.7	69
13	Novel Polyelectrolyte Carboxymethyl Konjac Glucomannan-Chitosan Nanoparticles for Drug Delivery. <i>Macromolecular Rapid Communications</i> , 2004, 25, 954-958.	2.0	67
14	Acetal containing polymers as pH-responsive nano-drug delivery systems. <i>Journal of Controlled Release</i> , 2020, 328, 736-761.	4.8	66
15	The Antihypertensive Effects of Quercetin in a Salt-sensitive Model of Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 239-245.	0.8	65
16	Co-encapsulation of multi-lipids and polymers enhances the performance of vancomycin in lipid-polymer hybrid nanoparticles: In vitro and in silico studies. <i>Materials Science and Engineering C</i> , 2016, 61, 616-630.	3.8	64
17	pH-responsive chitosan nanoparticles from a novel twin-chain anionic amphiphile for controlled and targeted delivery of vancomycin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 650-657.	2.5	63
18	Combination drug therapy via nanocarriers against infectious diseases. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 121-141.	1.9	62

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19	An emerging class of amphiphilic dendrimers for pharmaceutical and biomedical applications: Janus amphiphilic dendrimers. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 97, 113-134.	1.9	60
20	An ionically crosslinked hydrogel containing vancomycin coating on a porous scaffold for drug delivery and cell culture. <i>International Journal of Pharmaceutics</i> , 2008, 353, 74-87.	2.6	59
21	Ocular drug delivery – a look towards nanobioadhesives. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 71-94.	2.4	59
22	Advances in sepsis diagnosis and management: a paradigm shift towards nanotechnology. <i>Journal of Biomedical Science</i> , 2021, 28, 6.	2.6	56
23	Formulation of monolayered films with drug and polymers of opposing solubilities. <i>International Journal of Pharmaceutics</i> , 2008, 358, 184-191.	2.6	55
24	Ultra-small lipid-dendrimer hybrid nanoparticles as a promising strategy for antibiotic delivery: In vitro and in silico studies. <i>International Journal of Pharmaceutics</i> , 2016, 504, 1-10.	2.6	55
25	Intrinsic <sc>stimuli-responsive</sc> nanocarriers for smart drug delivery of antibacterial agents – An <sc>in-depth</sc> review of the last two decades. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1664.	3.3	53
26	Preparation and solid-state characterization of ball milled saquinavir mesylate for solubility enhancement. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 194-202.	2.0	52
27	pH-Responsive Lipid-Dendrimer Hybrid Nanoparticles: An Approach To Target and Eliminate Intracellular Pathogens. <i>Molecular Pharmaceutics</i> , 2019, 16, 4594-4609.	2.3	52
28	Self-assembled oleylamine grafted hyaluronic acid polymersomes for delivery of vancomycin against methicillin resistant <i>Staphylococcus aureus</i> (MRSA). <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110388.	2.5	51
29	Polymeric Nanoparticles for Enhancing Antiretroviral Drug Therapy. <i>Drug Delivery</i> , 2008, 15, 493-501.	2.5	48
30	Hydrogen bonding and electrostatic interaction contributions to the interaction of a cationic drug with polyaspartic acid. <i>Pharmaceutical Research</i> , 2000, 17, 871-877.	1.7	45
31	Synthesis of a novel PEG-block-poly(aspartic acid-stat-phenylalanine) copolymer shows potential for formation of a micellar drug carrier. <i>International Journal of Pharmaceutics</i> , 2005, 297, 242-253.	2.6	45
32	Formulation and Molecular Dynamics Simulations of a Fusidic Acid Nanosuspension for Simultaneously Enhancing Solubility and Antibacterial Activity. <i>Molecular Pharmaceutics</i> , 2018, 15, 3512-3526.	2.3	45
33	Novel chitosan-based pH-responsive lipid-polymer hybrid nanovesicles (OLA-LPHVs) for delivery of vancomycin against methicillin-resistant <i>Staphylococcus aureus</i> infections. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 385-398.	3.6	44
34	Pegylated oleic acid: A promising amphiphilic polymer for nano-antibiotic delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 96-108.	2.0	43
35	Drug-polyionic block copolymer interactions for micelle formation: physicochemical characterisation. <i>Journal of Controlled Release</i> , 2001, 75, 249-258.	4.8	41
36	Anti-malarial drug formulations and novel delivery systems: A review. <i>Acta Tropica</i> , 2011, 118, 71-79.	0.9	41

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37	Ionotropic gelation: Encapsulation of indomethacin in calcium alginate gel discs. <i>Journal of Microencapsulation</i> , 1998, 15, 215-226.	1.2	40
38	A hybrid of mPEG-b-PCL and G1-PEA dendrimer for enhancing delivery of antibiotics. <i>Journal of Controlled Release</i> , 2018, 290, 112-128.	4.8	38
39	Surface modification of nano-drug delivery systems for enhancing antibiotic delivery and activity. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1758.	3.3	38
40	Dendrimers “ from organic synthesis to pharmaceutical applications: an update. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 22-40.	1.1	37
41	Chitosan-Based Hydrogel for the Dual Delivery of Antimicrobial Agents Against Bacterial Methicillin-Resistant <i>Staphylococcus aureus</i> Biofilm-Infected Wounds. <i>ACS Omega</i> , 2021, 6, 21994-22010.	1.6	36
42	Sanguinarine. <i>Cardiovascular Drug Reviews</i> , 2008, 26, 75-83.	4.4	34
43	Conjugates and nano-delivery of antimicrobial peptides for enhancing therapeutic activity. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 153-171.	1.4	34
44	Delivery of novel vancomycin nanoplexes for combating methicillin resistant <i>Staphylococcus aureus</i> (MRSA) infections. <i>International Journal of Pharmaceutics</i> , 2019, 558, 143-156.	2.6	34
45	Synthesis, characterization and antibacterial activity of novel heterocyclic quaternary ammonium surfactants. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 47, 405-414.	2.9	33
46	Investigating a New Approach to Film Casting for Enhanced Drug Content Uniformity in Polymeric Films. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 1036-1047.	0.9	32
47	Investigating the Effect of Polymeric Approaches on Circulation Time and Physical Properties of Nanobubbles. <i>Pharmaceutical Research</i> , 2011, 28, 494-504.	1.7	32
48	Comparison of the Molecular Dynamics and Calculated Binding Free Energies for Nine FDA-Approved HIV-1 PR Drugs Against Subtype B and CRF01_AG HIV PR. <i>Chemical Biology and Drug Design</i> , 2013, 81, 208-218.	1.5	32
49	Statistical optimisation of the mucoadhesivity and characterisation of multipolymeric propranolol matrices for buccal therapy. <i>International Journal of Pharmaceutics</i> , 2006, 323, 43-51.	2.6	31
50	Interactions of dendrimers with biological drug targets: reality or mystery “ a gap in drug delivery and development research. <i>Biomaterials Science</i> , 2016, 4, 1032-1050.	2.6	31
51	Preparation, Spectrochemical, and Computational Analysis of L-Carnosine (2-[(3-Aminopropanoyl)amino]-3-(1H-imidazol-5-yl)propanoic Acid) and Its Ruthenium (II) Coordination Complexes in Aqueous Solution. <i>Molecules</i> , 2011, 16, 10269-10291.	1.7	30
52	Investigating Organ Toxicity Profile of Tenofovir and Tenofovir Nanoparticle on the Liver and Kidney: Experimental Animal Study. <i>Toxicological Research</i> , 2018, 34, 221-229.	1.1	30
53	Angiotensin I-Converting Enzyme Inhibitor Activity of Nutritive Plants in KwaZulu-Natal. <i>Journal of Medicinal Food</i> , 2008, 11, 331-336.	0.8	29
54	Preparation and characterization of a poly(ethylene glycol) grafted carboxymethyl konjac glucomannan copolymer. <i>Carbohydrate Polymers</i> , 2010, 79, 648-654.	5.1	29

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55	Novel lipids with three C18-fatty acid chains and an amino acid head group for pH-responsive and sustained antibiotic delivery. <i>Chemistry and Physics of Lipids</i> , 2018, 212, 12-25.	1.5	29
56	Silver salts of carboxylic acid terminated generation 1 poly (propyl ether imine) (PETIM) dendron and dendrimers as antimicrobial agents against <i>S. aureus</i> and MRSA. <i>RSC Advances</i> , 2015, 5, 34967-34978.	1.7	28
57	Liposomal delivery systems and their applications against <i>Staphylococcus aureus</i> and Methicillin-resistant <i>Staphylococcus aureus</i> . <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113861.	6.6	28
58	Enhancing drug incorporation into tetracycline-loaded chitosan microspheres for periodontal therapy. <i>Journal of Microencapsulation</i> , 2006, 23, 750-761.	1.2	26
59	Polyelectrolyte complex of vancomycin as a nanoantibiotic: Preparation, in vitro and in silico studies. <i>Materials Science and Engineering C</i> , 2016, 63, 489-498.	3.8	26
60	A transferosome-loaded bigel for enhanced transdermal delivery and antibacterial activity of vancomycin hydrochloride. <i>International Journal of Pharmaceutics</i> , 2021, 607, 120990.	2.6	26
61	Dexibuprofen nanocrystals with improved therapeutic performance: fabrication, characterization, in silico modeling, and in vivo evaluation. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1677-1692.	3.3	25
62	Synthesis of an oleic acid based pH-responsive lipid and its application in nanodelivery of vancomycin. <i>International Journal of Pharmaceutics</i> , 2018, 550, 149-159.	2.6	25
63	Complex formation between the anionic polymer (PAA) and a cationic drug (procaine HCl): characterization by microcalorimetric studies. <i>Pharmaceutical Research</i> , 1999, 16, 1125-1131.	1.7	23
64	Preparation and Drug-Delivery Potential of Metronidazole-Loaded PELA Tri-block Co-polymeric Electrospun Membranes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 1321-1334.	1.9	23
65	<i>In vitro</i> comparative evaluation of monolayered multipolymeric films embedded with didanosine-loaded solid lipid nanoparticles: a potential buccal drug delivery system for ARV therapy. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 669-679.	0.9	22
66	AB2-type amphiphilic block copolymer containing a pH-cleavable hydrazone linkage for targeted antibiotic delivery. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118948.	2.6	22
67	The in vivo effects of <i>Tulbhagia violacea</i> on blood pressure in a salt-sensitive rat model. <i>Journal of Ethnopharmacology</i> , 2008, 117, 263-269.	2.0	21
68	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
69	Novel two-chain fatty acid-based lipids for development of vancomycin pH-responsive liposomes against <i>Staphylococcus aureus</i> and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Journal of Drug Targeting</i> , 2019, 27, 1094-1107.	2.1	21
70	Formulation of pH-Responsive Quatsomes from Quaternary Bicephalic Surfactants and Cholesterol for Enhanced Delivery of Vancomycin against Methicillin Resistant <i>Staphylococcus aureus</i> . <i>Pharmaceutics</i> , 2020, 12, 1093.	2.0	21
71	Investigating the Effect of <i>Aloe vera</i> Gel on the Buccal Permeability of Didanosine. <i>Planta Medica</i> , 2012, 78, 354-361.	0.7	20
72	Experimental and molecular modeling approach to optimize suitable polymers for fabrication of stable fluticasone nanoparticles with enhanced dissolution and antimicrobial activity. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 255-269.	2.0	20

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73	Novel formulation of antimicrobial peptides enhances antimicrobial activity against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Amino Acids</i> , 2020, 52, 1439-1457.	1.2	20
74	Liposomes with pH responsive "on and off" switches for targeted and intracellular delivery of antibiotics. <i>Journal of Liposome Research</i> , 2021, 31, 45-63.	1.5	20
75	Novel dendritic derivatives of unsaturated fatty acids as promising transdermal permeation enhancers for tenofovir. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6662-6675.	2.9	19
76	Novel fatty acid-based pH-responsive nanostructured lipid carriers for enhancing antibacterial delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101125.	1.4	19
77	Nano delivery systems to the rescue of ciprofloxacin against resistant bacteria "E. coli; P. aeruginosa; Saureus; and MRSA" and their infections. <i>Journal of Controlled Release</i> , 2022, 349, 338-353.	4.8	19
78	Preparation and Optimization of Meropenem-Loaded Solid Lipid Nanoparticles: In Vitro Evaluation and Molecular Modeling. <i>AAPS PharmSciTech</i> , 2017, 18, 2011-2025.	1.5	18
79	Supramolecular amphiphiles of Beta-cyclodextrin and Oleylamine for enhancement of vancomycin delivery. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118881.	2.6	18
80	Exploring the applications of hyaluronic acid-based nanoparticles for diagnosis and treatment of bacterial infections. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1799.	3.3	18
81	Drug Release Modulation from Cross-Linked Calcium Alginate Microdiscs, 1: Evaluation of the Concentration Dependency of Sodium Alginate on Drug Entrapment Capacity, Morphology, and Dissolution Rate. <i>Drug Delivery</i> , 1998, 5, 25-34.	2.5	17
82	Design of an Anti-Inflammatory Composite Nanosystem and Evaluation of Its Potential for Ocular Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2780-2805.	1.6	17
83	Novel oleic acid derivatives enhance buccal permeation of didanosine. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 657-668.	0.9	17
84	Transforming linoleic acid into a nanoemulsion for enhanced activity against methicillin susceptible and resistant <i>Staphylococcus aureus</i> . <i>RSC Advances</i> , 2015, 5, 90482-90492.	1.7	17
85	Fatty acid conjugated pyridinium cationic amphiphiles as antibacterial agents and self-assembling nano carriers. <i>Chemistry and Physics of Lipids</i> , 2018, 214, 1-10.	1.5	17
86	Free radical-releasing systems for targeting biofilms. <i>Journal of Controlled Release</i> , 2020, 322, 248-273.	4.8	17
87	Monolayered multipolymeric buccal films with drug and polymers of opposing solubilities for ARV therapy: Physico-mechanical evaluation and molecular mechanics modelling. <i>International Journal of Pharmaceutics</i> , 2013, 455, 197-212.	2.6	16
88	Nanoemulgel using a bicephalous heterolipid as a novel approach to enhance transdermal permeation of tenofovir. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 221-227.	2.5	16
89	Biomimetic strategies for enhancing synthesis and delivery of antibacterial nanosystems. <i>International Journal of Pharmaceutics</i> , 2021, 596, 120276.	2.6	14
90	Drug Release and Surface Morphology Studies on Salbutamol Controlled Release Pellets. <i>Drug Development and Industrial Pharmacy</i> , 1995, 21, 1303-1322.	0.9	13

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91	The Impact of Active Site Mutations of South African HIV PR on Drug Resistance: Insight from Molecular Dynamics Simulations, Binding Free Energy and Perâ€Residue Footprints. <i>Chemical Biology and Drug Design</i> , 2014, 83, 472-481.	1.5	13
92	Comparative buccal permeability enhancement of didanosine and tenofovir by potential multifunctional polymeric excipients and their effects on porcine buccal histology. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 82-90.	1.1	13
93	Non-ionic self-assembling amphiphilic polyester dendrimers as new drug delivery excipients. <i>RSC Advances</i> , 2017, 7, 14233-14246.	1.7	13
94	Formulation of pH-responsive lipid-polymer hybrid nanoparticles for co-delivery and enhancement of the antibacterial activity of vancomycin and 18Î²-glycyrrhetic acid. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102607.	1.4	13
95	Biomimetic pH/lipase dual responsive vitamin-based solid lipid nanoparticles for on-demand delivery of vancomycin. <i>International Journal of Pharmaceutics</i> , 2021, 607, 120960.	2.6	13
96	A hyaluronic acid-based nanogel for the co-delivery of nitric oxide (NO) and a novel antimicrobial peptide (AMP) against bacterial biofilms. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 381-397.	3.6	13
97	Formulation and preparation of controlled release pellets of salbutamol by the air suspension technique. <i>Journal of Microencapsulation</i> , 1997, 14, 445-455.	1.2	12
98	In vitro characterization of a controlled-release chlorpheniramine maleate delivery system prepared by the air-suspension technique. <i>Journal of Microencapsulation</i> , 1997, 14, 743-751.	1.2	11
99	A Novel Cellulose-Based Hydrophilic Wafer Matrix for Rapid Bioactive Delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2007, 22, 119-142.	0.8	11
100	Drug Release Modulation from Cross-Linked Calcium Alginate Microdiscs, 2: Swelling, Compression, and Stability of the Hydrodynamically-Sensitive Calcium Alginate Matrix and the Associated Drug Release Mechanisms. <i>Drug Delivery</i> , 1998, 5, 35-46.	2.5	10
101	Comparing the Mucoadhesivity and Drug Release Mechanisms of Various Polymer-Containing Propranolol Buccal Tablets. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 189-198.	0.9	10
102	Exploring unsaturated fatty acid cholesteryl esters as transdermal permeation enhancers. <i>Drug Delivery and Translational Research</i> , 2017, 7, 333-345.	3.0	10
103	pH-Responsive Micelles From an Oleic Acid Tail and Propionic Acid Heads Dendritic Amphiphile for the Delivery of Antibiotics. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2594-2606.	1.6	10
104	Formulation of pH responsive multilamellar vesicles for targeted delivery of hydrophilic antibiotics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 112043.	2.5	10
105	High-energy ball milling of saquinavir increases permeability across the buccal mucosa. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 639-648.	0.9	9
106	Synthesis and Antibacterial Activity of Silver Nanoparticles Capped with a Carboxylic Acid-terminated Generation 1 Oleodendrimer. <i>Chemistry Letters</i> , 2014, 43, 1110-1112.	0.7	9
107	Predictive Models for Maximum Recommended Therapeutic Dose of Antiretroviral Drugs. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-9.	0.7	8
108	Development of niosomes for encapsulating captopril-quercetin prodrug to combat hypertension. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121191.	2.6	8

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109	Investigating extemporaneous compounding practices in the Polokwane tertiary hospital pharmacies in South Africa - a pilot study. <i>African Journal of Pharmacy and Pharmacology</i> , 2015, 9, 1099-1105.	0.2	7
110	Novel DNA Aptamers Against CCL21 Protein: Characterization and Biomedical Applications for Targeted Drug Delivery to T Cell-Rich Zones. <i>Nucleic Acid Therapeutics</i> , 2018, 28, 242-251.	2.0	7
111	Supramolecular self-assembled drug delivery system (SADDs) of vancomycin and tocopherol succinate as an antibacterial agent: <i>in vitro</i> , <i>in silico</i> and <i>in vivo</i> evaluations. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 1090-1108.	1.1	7
112	Using an Experimental Design to Identify and Quantify the Effects of Environment Related Test Parameters on the In Vitro Mucoadhesivity Testing of a Propranolol Buccal Tablet. <i>Drug Development and Industrial Pharmacy</i> , 2007, 33, 709-716.	0.9	6
113	Grafted hyaluronic acid N-acetyl-L-methionine for targeting of LAT1 receptor: In-silico, synthesis and microscale thermophoresis studies. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 767-777.	3.6	6
114	Identifying the Interaction of Vancomycin With Novel pH-Responsive Lipids as Antibacterial Biomaterials Via Accelerated Molecular Dynamics and Binding Free Energy Calculations. <i>Cell Biochemistry and Biophysics</i> , 2018, 76, 147-159.	0.9	5
115	Microencapsulated Eudragit® RS30D-coated controlled-release pellets: The influence of dissolution variables and topographical evaluation. <i>Journal of Microencapsulation</i> , 1997, 14, 1-13.	1.2	4
116	Antimicrobial cell penetrating peptides with bacterial cell specificity: pharmacophore modelling, quantitative structure activity relationship and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2370-2380.	2.0	4
117	Phosphine-Free Tetradentate Salicylaldehyde Ligand Complexed with Palladium: First Application in Heck Reactions. <i>Synthetic Communications</i> , 2014, 44, 3337-3345.	1.1	3
118	Novel mono, di and tri-fatty acid esters bearing secondary amino acid ester head groups as transdermal permeation enhancers. <i>New Journal of Chemistry</i> , 2018, 42, 2232-2242.	1.4	3
119	A self-assembled polymer therapeutic for simultaneously enhancing solubility and antimicrobial activity and lowering serum albumin binding of fusidic acid. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6567-6584.	2.0	3
120	In Silico Characterization of the Binding Affinity of Dendrimers to Penicillin-Binding Proteins (PBPs): Can PBPs be Potential Targets for Antibacterial Dendrimers?. <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 1546-1566.	1.4	2
121	Novel Biomimetic Human TLR2-Derived Peptides for Potential Targeting of Lipoteichoic Acid: An In Silico Assessment. <i>Biomedicine</i> , 2021, 9, 1063.	1.4	1
122	Beta-2 Microglobulin Removal by Immunoextraction and Passive Adsorption in High-Flux Dialyzers. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 0, 11, 35-44.	0.7	0