

Syed Sarim Imam

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

171
papers

2,910
citations

30
h-index

44
g-index

201
ext. papers

3,861
ext. citations

4.6
avg, IF

5.79
L-index

#	Paper	IF	Citations
171	Anti-Huntington's Effect of Butin in 3-Nitropropionic Acid-Treated Rats: Possible Mechanism of Action.. <i>Neurotoxicity Research</i> , 2022 , 40, 66	4.3	2
170	Fabrication and optimization of raloxifene loaded spanlastics vesicle for transdermal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 68, 103102	4.5	0
169	Formulation of Apigenin-Cyclodextrin-Chitosan Ternary Complex: Physicochemical Characterization, In Vitro and In Vivo Studies.. <i>AAPS PharmSciTech</i> , 2022 , 23, 71	3.9	0
168	Development and Optimization of Hybrid Polymeric Nanoparticles of Apigenin: Physicochemical Characterization, Antioxidant Activity and Cytotoxicity Evaluation.. <i>Sensors</i> , 2022 , 22,	3.8	4
167	Formulation, optimization and evaluation of vitamin E TPGS emulsified dorzolamide solid lipid nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 68, 103062	4.5	3
166	Role of platelet rich plasma mediated repair and regeneration of cell in early stage of cardiac injury.. <i>Regenerative Therapy</i> , 2022 , 19, 144-153	3.7	0
165	Formulation of Piperine Nanoparticles: In Vitro Breast Cancer Cell Line and In Vivo Evaluation.. <i>Polymers</i> , 2022 , 14,	4.5	1
164	Formulation and Evaluation of Luteolin-Loaded Nanovesicles: Physicochemical Characterization and Viability Assessment.. <i>ACS Omega</i> , 2022 , 7, 1048-1056	3.9	1
163	Spanlastics a Novel Nanovesicular Carrier: Its Potential Application and Emerging Trends in Therapeutic Delivery.. <i>AAPS PharmSciTech</i> , 2022 , 23, 112	3.9	1
162	Sepsis triggered oxidative stress-inflammatory axis: the pathobiology of reprogramming in the normal sleep-wake cycle.. <i>Molecular and Cellular Biochemistry</i> , 2022 , 1	4.2	0
161	Formulation of Cabotegravir Loaded Gold Nanoparticles: Optimization, Characterization to In-Vitro Cytotoxicity Study.. <i>Journal of Cluster Science</i> , 2022 , 1-13	3	3
160	Formulation and Evaluation of Nano Lipid Carrier-Based Ocular Gel System: Optimization to Antibacterial Activity. <i>Gels</i> , 2022 , 8, 255	4.2	3
159	Formulation and evaluation of embelin loaded nanoliposomes: Optimization, in vitro and ex vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103414	4.5	0
158	Formulation of ternary genistein β -cyclodextrin inclusion complex: In vitro characterization and cytotoxicity assessment using breast cancer cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 102932	4.5	2
157	Symptomatic, Genetic, and Mechanistic Overlaps between Autism and Alzheimer's Disease. <i>Biomolecules</i> , 2021 , 11,	5.9	2
156	Four-Dimensional Printing for Hydrogel: Theoretical Concept, 4D Materials, Shape-Morphing Way, and Future Perspectives. <i>Polymers</i> , 2021 , 13,	4.5	2
155	Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i> , 2021 , 195, 114849	6	3

154	Promises of phytochemical based nano drug delivery systems in the management of cancer. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109745	5	1
153	Nanotechnology as a Novel Approach in Combating Microbes Providing an Alternative to Antibiotics.. <i>Antibiotics</i> , 2021 , 10,	4.9	10
152	Recent Advancement in Chitosan-Based Nanoparticles for Improved Oral Bioavailability and Bioactivity of Phytochemicals: Challenges and Perspectives. <i>Polymers</i> , 2021 , 13,	4.5	5
151	Receptor-Mediated Targeted Delivery of Surface-Modified Nanomedicine in Breast Cancer: Recent Update and Challenges.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
150	Novel karaya gum micro-particles loaded Ganoderma lucidum polysaccharide regulate sex hormones, oxidative stress and inflammatory cytokine levels in cadmium induced testicular toxicity in experimental animals. <i>International Journal of Biological Macromolecules</i> , 2021 , 194, 338-338	7.9	0
149	Luteolin-Loaded Elastic Liposomes for Transdermal Delivery to Control Breast Cancer: In Vitro and Ex Vivo Evaluations. <i>Pharmaceutics</i> , 2021 , 14,	5.2	7
148	Improved antibacterial activity of sulfasalazine loaded fullerene derivative: computational and experimental studies. <i>Journal of Molecular Liquids</i> , 2021 , 118083	6	0
147	Fustin Inhibits Oxidative Free Radicals and Inflammatory Cytokines in Cerebral Cortex and Hippocampus and Protects Cognitive Impairment in Streptozotocin-Induced Diabetic Rats. <i>ACS Chemical Neuroscience</i> , 2021 ,	5.7	0
146	Development and evaluation of luteolin loaded pegylated bilosome: optimization, characterization, and cytotoxicity study. <i>Drug Delivery</i> , 2021 , 28, 2562-2573	7	1
145	Effect of Chitosan Coating on PLGA Nanoparticles for Oral Delivery of Thymoquinone: In Vitro, Ex Vivo, and Cancer Cell Line Assessments. <i>Coatings</i> , 2021 , 11, 6	2.9	11
144	Development of Piperine-Loaded Solid Self-Nanoemulsifying Drug Delivery System: Optimization, In-Vitro, Ex-Vivo, and In-Vivo Evaluation. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
143	Formulation and evaluation of butenafine loaded PLGA-nanoparticulate laden chitosan nano gel. <i>Drug Delivery</i> , 2021 , 28, 2348-2360	7	0
142	Bioactive Apigenin loaded oral nano bilosomes: Formulation optimization to preclinical assessment. <i>Saudi Pharmaceutical Journal</i> , 2021 , 29, 269-279	4.4	7
141	Potential of Natural Bioactive Compounds in Management of Diabetes: Review of Preclinical and Clinical Evidence. <i>Current Pharmacology Reports</i> , 2021 , 7, 107-122	5.5	2
140	A grafted copolymer-based nanomicelles for topical ocular delivery of everolimus: Formulation, characterization, ex-vivo permeation, in-vitro ocular toxicity, and stability study. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 159, 105735	5.1	13
139	Assessment of solubility and Hansen solubility parameters of rifampicin in various permeation enhancers: Experimental and computational approach. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115432	6	5
138	Formulation and Optimization of Nano Lipid Based Oral Delivery Systems for Arthritis. <i>Coatings</i> , 2021 , 11, 548	2.9	4
137	Formulation of Piperine-Chitosan-Coated Liposomes: Characterization and In Vitro Cytotoxic Evaluation. <i>Molecules</i> , 2021 , 26,	4.8	10

136	Formulation of Gelucire [®] -Based Solid Dispersions of Atorvastatin Calcium: In Vitro Dissolution and In Vivo Bioavailability Study. <i>AAPS PharmSciTech</i> , 2021 , 22, 161	3.9	1
135	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. <i>Pharmaceutics</i> , 2021 , 13,	6.4	11
134	Addendum: Gilani et al. Formulation and Optimization of Nano Lipid Based Oral Delivery Systems for Arthritis. <i>Coatings</i> 2021, 11, 548. <i>Coatings</i> , 2021 , 11, 781	2.9	0
133	Experimental Solubility of Ketoconazole, Validation Models, and In vivo Prediction in Human Based on GastroPlus. <i>AAPS PharmSciTech</i> , 2021 , 22, 194	3.9	2
132	Application of central composite design for the optimization of itraconazole loaded nail lacquer formulation. <i>3 Biotech</i> , 2021 , 11, 324	2.8	1
131	Formulation and Optimization of Butenafine-Loaded Topical Nano Lipid Carrier-Based Gel: Characterization, Irritation Study, and Anti-Fungal Activity. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
130	Formulation, In Vitro and In Vivo Evaluation of Gefitinib Solid Dispersions Prepared Using Different Techniques. <i>Processes</i> , 2021 , 9, 1210	2.9	3
129	Novel nanotechnology approaches for diagnosis and therapy of breast, ovarian and cervical cancer in female: A review. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 61, 102198	4.5	6
128	BBD-Based Development of Itraconazole Loaded Nanostructured Lipid Carrier for Topical Delivery: In Vitro Evaluation and Antimicrobial Assessment. <i>Journal of Pharmaceutical Innovation</i> , 2021 , 16, 85-98	1.8	18
127	Chitosan Coated Luteolin Nanostructured Lipid Carriers: Optimization, In Vitro-Ex Vivo Assessments and Cytotoxicity Study in Breast Cancer Cells. <i>Coatings</i> , 2021 , 11, 158	2.9	14
126	Optimization of valencene containing lipid vesicles for boosting the transungual delivery of itraconazole. <i>3 Biotech</i> , 2021 , 11, 137	2.8	3
125	Pathogenesis, Clinical Manifestation, Diagnosis, Pathological Findings, Treatment Options, Preventive Measures, and Risk Factors of COVID-19. <i>Coronaviruses</i> , 2021 , 2, 59-72	1.5	
124	Experimental Design Based Optimization and Ex Vivo Permeation of Desmopressin Acetate Loaded Elastic Liposomes Using Rat Skin. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
123	Development and Evaluations of Transdermally Delivered Luteolin Loaded Cationic Nanoemulsion: In Vitro and Ex Vivo Evaluations. <i>Pharmaceutics</i> , 2021 , 13,	6.4	8
122	Thymoquinone loaded chitosan - Solid lipid nanoparticles: Formulation optimization to oral bioavailability study. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 64, 102565	4.5	8
121	Formulation of carteolol chitosomes for ocular delivery: formulation optimization, permeation, and ocular toxicity examination. <i>Cutaneous and Ocular Toxicology</i> , 2021 , 40, 338-349	1.8	5
120	Formulation of Chitosan-Coated Piperine NLCs: Optimization, In Vitro Characterization, and In Vivo Preclinical Assessment. <i>AAPS PharmSciTech</i> , 2021 , 22, 231	3.9	4
119	Pathobiological Relationship of Excessive Dietary Intake of Choline/L-Carnitine: A TMAO Precursor-Associated Aggravation in Heart Failure in Sarcopenic Patients. <i>Nutrients</i> , 2021 , 13,	6.7	1

118	Berberine loaded dermal quality by design adapted chemically engineered lipid nano-constructs-gel formulation for the treatment of skin acne. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102805	4.5	0
117	Thymoquinone-entrapped chitosan-modified nanoparticles: formulation optimization to preclinical bioavailability assessments. <i>Drug Delivery</i> , 2021 , 28, 973-984	7	6
116	A Review on Experimental Methods for Diabetes Induction and Therapeutic Efficacy of Anti-diabetic Drug Loaded Nanoformulation. <i>Current Drug Therapy</i> , 2021 , 15, 436-447	0.7	
115	Green Synthesis and Characterization of Copper Nanoparticles Using Leaves.. <i>Polymers</i> , 2021 , 13,	4.5	5
114	Vesicular elastic liposomes for transdermal delivery of rifampicin: In-vitro, in-vivo and in silico GastroPlus prediction studies. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 151, 105411	5.1	15
113	Formulation of Chitosan Polymeric Vesicles of Ciprofloxacin for Ocular Delivery: Box-Behnken Optimization, In Vitro Characterization, HET-CAM Irritation, and Antimicrobial Assessment. <i>AAPS PharmSciTech</i> , 2020 , 21, 167	3.9	18
112	Novel Approach for Transdermal Delivery of Rifampicin to Induce Synergistic Antimycobacterial Effects Against Cutaneous and Systemic Tuberculosis Using a Cationic Nanoemulsion Gel. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1073-1094	7.3	27
111	Preparation and optimization of fisetin loaded glycerol based soft nanovesicles by Box-Behnken design. <i>International Journal of Pharmaceutics</i> , 2020 , 578, 119125	6.5	21
110	Nanostructured lipidic carriers for dual drug delivery in the management of psoriasis: Systematic optimization, dermatokinetic and preclinical evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 57, 101775	4.5	7
109	Development of solid lipid nanoparticle as carrier of pioglitazone for amplification of oral efficacy: Formulation design optimization, in-vitro characterization and in-vivo biological evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 57, 101674	4.5	16
108	Stimulatory Effects of Soluplus on Flufenamic Acid Cyclodextrin Supramolecular Complex: Physicochemical Characterization and Pre-clinical Anti-inflammatory Assessment. <i>AAPS PharmSciTech</i> , 2020 , 21, 145	3.9	10
107	Recent Advances in Liposomal Drug Delivery System of Quercetin for Cancer Targeting: A Mechanistic Approach. <i>Current Drug Delivery</i> , 2020 , 17, 845-860	3.2	18
106	Exploration of Nanoethosomal Transgel of Naproxen Sodium for the Treatment of Arthritis. <i>Current Drug Delivery</i> , 2020 , 17, 885-897	3.2	5
105	Analytical Quality by Design (AQbD) Approach Based HPTLC Method for Quantification of Fisetin with Superior Recovery in Formulations. <i>Current Analytical Chemistry</i> , 2020 , 16, 149-157	1.7	2
104	Chemically Nano-Engineered Theranostics for Phytoconstituents as Healthcare Application. <i>Current Biochemical Engineering</i> , 2020 , 6, 53-61	2	2
103	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. <i>Pharmaceutics</i> , 2020 , 13,	6.4	16
102	Flufenamic Acid-Loaded Self-Nanoemulsifying Drug Delivery System for Oral Delivery: From Formulation Statistical Optimization to Preclinical Anti-Inflammatory Assessment. <i>Journal of Oleo Science</i> , 2020 , 69, 1257-1271	1.6	4
101	Host-guest complex of Cyclodextrin and pluronic F127 with Luteolin: Physicochemical characterization, anti-oxidant activity and molecular modeling studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101356	4.5	16

100	Tailoring of berberine loaded transniosomes for the management of skin cancer in mice. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 102051	4.5	6
99	Optimization to development of chitosan decorated polycaprolactone nanoparticles for improved ocular delivery of dorzolamide: In vitro, ex vivo and toxicity assessments. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 2392-2404	7.9	35
98	Nanocrystals: Characterization Overview, Applications in Drug Delivery, and Their Toxicity Concerns. <i>Journal of Pharmaceutical Innovation</i> , 2020 , 1	1.8	3
97	Stimulus Responsive Ocular Gentamycin-Ferrying Chitosan Nanoparticles Hydrogel: Formulation Optimization, Ocular Safety and Antibacterial Assessment. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4717-4737	7.3	20
96	Potential of solid dispersions to enhance solubility, bioavailability, and therapeutic efficacy of poorly water-soluble drugs: newer formulation techniques, current marketed scenario and patents. <i>Drug Delivery</i> , 2020 , 27, 1625-1643	7	18
95	Formulation of Piperine Ternary Inclusion Complex Using β CD and HPMC: Physicochemical Characterization, Molecular Docking, and Antimicrobial Testing. <i>Processes</i> , 2020 , 8, 1450	2.9	8
94	Novel Hemocompatible Imine Compounds as Alternatives for Antimicrobial Therapy in Pharmaceutical Application. <i>Processes</i> , 2020 , 8, 1476	2.9	4
93	Formulation of amorphous ternary solid dispersions of dapagliflozin using PEG 6000 and Poloxamer 188: solid-state characterization, study, and molecular simulation assessment. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 1458-1467	3.6	2
92	Transdermal delivery of isoniazid loaded elastic liposomes to control cutaneous and systemic tuberculosis. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 59, 101848	4.5	5
91	Morphological transition of M. tuberculosis and modulation of intestinal permeation by food grade cationic nanoemulsion: In vitro-ex vivo-in silico GastroPlus β studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 101971	4.5	3
90	Formulation and Evaluation of Supramolecular Food-Grade Piperine HP β CD and TPGS Complex: Dissolution, Physicochemical Characterization, Molecular Docking, In Vitro Antioxidant Activity, and Antimicrobial Assessment. <i>Molecules</i> , 2020 , 25,	4.8	9
89	Clarithromycin-Loaded Ocular Chitosan Nanoparticle: Formulation, Optimization, Characterization, Ocular Irritation, and Antimicrobial Activity. <i>International Journal of Nanomedicine</i> , 2020 , 15, 7861-7875	7.3	18
88	Thymoquinone Loaded Solid Lipid Nanoparticles Demonstrated Antidepressant-Like Activity in Rats via Indoleamine 2, 3- Dioxygenase Pathway. <i>Drug Research</i> , 2020 , 70, 206-213	1.8	7
87	Formulation of Curcumin- β -cyclodextrin-polyvinylpyrrolidone supramolecular inclusion complex: experimental, molecular docking, and preclinical anti-inflammatory assessment. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 1524-1534	3.6	4
86	Quality by design (QbD) based development and validation of bioanalytical RP-HPLC method for dapagliflozin: Forced degradation and preclinical pharmacokinetic study. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020 , 43, 53-65	1.3	10
85	Preparation and evaluation of transdermal naproxen niosomes: formulation optimization to preclinical anti-inflammatory assessment on murine model. <i>Journal of Liposome Research</i> , 2020 , 30, 377-387	6.1	12
84	Enhanced Dissolution of Luteolin by Solid Dispersion Prepared by Different Methods: Physicochemical Characterization and Antioxidant Activity. <i>ACS Omega</i> , 2020 , 5, 6461-6471	3.9	31
83	Extraction, GC-MS Evaluation and Anti-epileptic Potential of Seeds Ethanolic Extract of Putranjiva roxburghii Wall. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2020 , 20, 186-193	1.8	1

82	Formulation and evaluation of thymoquinone niosomes: application of developed and validated RP-HPLC method in delivery system. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 1799-1806	3.6	10
81	CCD based development and characterization of nano-transethosome to augment the antidepressant effect of agomelatine on Swiss albino mice. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101234	4.5	11
80	Formulation of thymoquinone loaded chitosan nano vesicles: In-vitro evaluation and in-vivo anti-hyperlipidemic assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 50, 339-346	4.5	23
79	Thymoquinone loaded dermal lipid nano particles: Box Behnken design optimization to preclinical psoriasis assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 713-721	4.5	13
78	Novel benzothiazole hydrazine carboxamide hybrid scaffolds as potential in vitro GABA AT enzyme inhibitors: Synthesis, molecular docking and antiepileptic evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 1825-1830	2.9	2
77	Poloxamer-407 thickened lipid colloidal system of agomelatine for brain targeting: Characterization, brain pharmacokinetic study and behavioral study on Wistar rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 426-436	6	18
76	Improved bioavailability of raloxifene hydrochloride using limonene containing transdermal nano-sized vesicles. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 468-476	4.5	19
75	Quality by design driven development and optimization of teriflunomide loaded nanoliposomes for treatment of rheumatoid arthritis: An in vitro and in vivo assessments. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 51, 383-396	4.5	10
74	Optimization by design of etoposide loaded solid lipid nanoparticles for ocular delivery: Characterization, pharmacokinetic and deposition study. <i>Materials Science and Engineering C</i> , 2019 , 100, 959-970	8.3	27
73	Application of Design of Experiments (DoE) in Pharmaceutical Product and Process Optimization 2019 , 43-64		32
72	QbD Considerations for Topical and Transdermal Product Development 2019 , 131-150		1
71	Fisetin loaded binary ethosomes for management of skin cancer by dermal application on UV exposed mice. <i>International Journal of Pharmaceutics</i> , 2019 , 560, 78-91	6.5	39
70	Lamotrigine encapsulated intra-nasal nanoliposome formulation for epilepsy treatment: Formulation design, characterization and nasal toxicity study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 174, 553-562	6	27
69	Formulation of amlodipine nano lipid carrier: Formulation design, physicochemical and transdermal absorption investigation. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 49, 209-218	4.5	15
68	Development and in vitro/in vivo evaluation of artemether and lumefantrine co-loaded nanoliposomes for parenteral delivery. <i>Journal of Liposome Research</i> , 2019 , 29, 35-43	6.1	19
67	Formulation and Evaluation of Neuroactive Drug Loaded Chitosan Nanoparticle for Nose to Brain Delivery: In-vitro Characterization and In-vivo Behavior Study. <i>Current Drug Delivery</i> , 2019 , 16, 123-135	3.2	15
66	Formulation and optimization of nanostructured lipid carriers to enhance oral bioavailability of telmisartan using Box Behnken design. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 44, 431-434	4.5	26
65	Formulation and evaluation of nano lipid formulation containing CNS acting drug: molecular docking, in-vitro assessment and bioactivity detail in rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 46-57	6.1	18

64	Preparation and evaluation of novel chitosan: gelrite ocular system containing besifloxacin for topical treatment of bacterial conjunctivitis: scintigraphy, ocular irritation and retention assessment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 959-967	6.1	22
63	Ultrasonically tailored, chemically engineered and "QbD" enabled fabrication of agomelatine nanoemulsion; optimization, characterization, ex-vivo permeation and stability study. <i>Ultrasonics Sonochemistry</i> , 2018 , 41, 213-226	8.9	28
62	Ursolic acid loaded intra nasal nano lipid vesicles for brain tumour: Formulation, optimization, in-vivo brain/plasma distribution study and histopathological assessment. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 106, 1578-1585	7.5	18
61	Nano-Based Therapy for Treatment of Skin Cancer. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018 , 13, 151-163	1.6	8
60	Embelin-loaded oral niosomes ameliorate streptozotocin-induced diabetes in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 1514-1520	7.5	21
59	Formulation and optimization of levofloxacin loaded chitosan nanoparticle for ocular delivery: In-vitro characterization, ocular tolerance and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 108, 650-659	7.9	86
58	Formulation of sitagliptin-loaded oral polymeric nano scaffold: process parameters evaluation and enhanced anti-diabetic performance. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 66-78	6.1	9
57	Quantitative Determination of thymoquinone in Nigella Sativa and its nano formulation using validated stability indicating HPTLC densitometric method. <i>International Current Pharmaceutical Journal</i> , 2018 , 6, 53-60		6
56	Application of Lipid Blend-Based Nanoparticulate Scaffold for Oral Delivery of Antihypertensive Drug: Implication on Process Variables and In Vivo Absorption Assessment. <i>Journal of Pharmaceutical Innovation</i> , 2018 , 13, 341-352	1.8	9
55	Temozolomide loaded nano lipid based chitosan hydrogel for nose to brain delivery: Characterization, nasal absorption, histopathology and cell line study. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 1260-1267	7.9	47
54	Development of transethosomes formulation for dermal fisetin delivery: Box-Behnken design, optimization, in vitro skin penetration, vesicles-skin interaction and dermatokinetic studies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 755-765	6.1	44
53	Emergence in the functionalized carbon nanotubes as smart nanocarriers for drug delivery applications 2018 , 105-133		12
52	Metal-organic frameworks as expanding hybrid carriers with diverse therapeutic applications 2018 , 1-34		3
51	Polymeric hydrogels for contact lens-based ophthalmic drug delivery systems 2018 , 177-208		1
50	Invasomes of isradipine for enhanced transdermal delivery against hypertension: formulation, characterization, and in vivo pharmacodynamic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 139-145	6.1	39
49	Optimization of nanostructured lipid carriers for topical delivery of nimesulide using Box-Behnken design approach. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 617-624	6.1	36
48	Formulation by design based risperidone nano soft lipid vesicle as a new strategy for enhanced transdermal drug delivery: In-vitro characterization, and in-vivo appraisal. <i>Materials Science and Engineering C</i> , 2017 , 75, 1198-1205	8.3	53
47	Development of nabumetone loaded lipid nano-scaffold for the effective oral delivery; optimization, characterization, drug release and pharmacodynamic study. <i>Journal of Molecular Liquids</i> , 2017 , 231, 514-522	6	19

46	Nonionic surfactant based thymoquinone loaded nanoproniosomal formulation: in vitro physicochemical evaluation and in vivo hepatoprotective efficacy. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1413-1420	3.6	18
45	Penetration-Enhancement Strategies for Dermal and Transdermal Drug Delivery: An Overview of Recent Research Studies and Patents 2017 , 337-353		1
44	Formulation and optimization of lacidipine loaded niosomal gel for transdermal delivery: In-vitro characterization and in-vivo activity. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 255-266	7.5	65
43	Chemical engineering of a lipid nano-scaffold for the solubility enhancement of an antihyperlipidaemic drug, simvastatin; preparation, optimization, physicochemical characterization and pharmacodynamic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 1-12	6.1	2
42	Chitosan-coated PLGA nanoparticles of bevacizumab as novel drug delivery to target retina: optimization, characterization, and in vitro toxicity evaluation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1397-1407	6.1	60
41	Formulation and Optimization of Candesartan Cilexetil Nano Lipid Carrier: In Vitro and In Vivo Evaluation. <i>Current Drug Delivery</i> , 2017 , 14, 1005-1015	3.2	11
40	Nano-carriers for the Treatment of Tuberculosis. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2017 , 12, 95-106	1.6	3
39	Nanoemulsion for the Effective Treatment and Management of Anti-tubercular Drug Therapy. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2017 , 12, 85-94	1.6	6
38	Enhanced transdermal delivery of luteolin via non-ionic surfactant-based vesicle: quality evaluation and anti-arthritic assessment. <i>Drug Delivery</i> , 2016 , 23, 1079-84	7	40
37	QbD-based carbopol transgel formulation: characterization, pharmacokinetic assessment and therapeutic efficacy in diabetes. <i>Drug Delivery</i> , 2016 , 23, 1057-66	7	45
36	Nanostructured lipid carriers of pioglitazone for transdermal application: from experimental design to bioactivity detail. <i>Drug Delivery</i> , 2016 , 23, 601-9	7	49
35	Formulation and optimization of niosomes for topical diacerein delivery using 3-factor, 3-level Box-Behnken design for the management of psoriasis. <i>Materials Science and Engineering C</i> , 2016 , 69, 789-97	8.3	65
34	Transdermal delivery of angiotensin II receptor blockers (ARBs), angiotensin-converting enzyme inhibitors (ACEIs) and others for management of hypertension. <i>Drug Delivery</i> , 2016 , 23, 579-90	7	20
33	The ameliorated longevity and pharmacokinetics of valsartan released from a gel system of ultradeformable vesicles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1457-63	6.1	19
32	Carvedilol nano lipid carriers: formulation, characterization and in-vivo evaluation. <i>Drug Delivery</i> , 2016 , 23, 1486-94	7	33
31	Design, formulation and optimization of novel soft nano-carriers for transdermal olmesartan medoxomil delivery: In vitro characterization and in vivo pharmacokinetic assessment. <i>International Journal of Pharmaceutics</i> , 2016 , 505, 147-58	6.5	52
30	Levofloxacin loaded gelrite-cellulose polymer based sustained ocular drug delivery: formulation, optimization and biological study. <i>Journal of Polymer Engineering</i> , 2016 , 36, 761-769	1.4	9
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