

# Syed Sarim Imam

## List of Publications by Citations

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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	Application of Box-Behnken design for preparation of levofloxacin-loaded stearic acid solid lipid nanoparticles for ocular delivery: Optimization, in vitro release, ocular tolerance, and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 85, 258-70	7.9	102
170	Preparation, characterization, and evaluation of gatifloxacin loaded solid lipid nanoparticles as colloidal ocular drug delivery system. <i>Journal of Drug Targeting</i> , <b>2010</b> , 18, 191-204	5.4	90
169	Brain Targeting of Temozolomide via the Intranasal Route Using Lipid-Based Nanoparticles: Brain Pharmacokinetic and Scintigraphic Analyses. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 3773-3782	5.6	87
168	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> , <b>2018</b> , 108, 650-659	7.9	86
167	Enhanced transdermal delivery of an anti-hypertensive agent via nanoethosomes: statistical optimization, characterization and pharmacokinetic assessment. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 443, 26-38	6.5	82
166	In situ gelling dorzolamide loaded chitosan nanoparticles for the treatment of glaucoma. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 117-24	10.3	68
165	Formulation by design-based proniosome for accentuated transdermal delivery of risperidone: in vitro characterization and in vivo pharmacokinetic study. <i>Drug Delivery</i> , <b>2015</b> , 22, 1059-1070	7	66
164	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> , <b>2016</b> , 69, 789-97	8.3	65
163	Formulation and optimization of lacidipine loaded niosomal gel for transdermal delivery: In-vitro characterization and in-vivo activity. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 93, 255-266	7.5	65
162	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> , <b>2017</b> , 45, 1397-1407	6.1	60
161	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> , <b>2017</b> , 75, 1198-1205	8.3	53
160	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> , <b>2016</b> , 505, 147-58	6.5	52
159	Investigation of antihypertensive activity of carbopol valsartan transdermal gel containing 1,8-cineole. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 64, 144-9	7.9	52
158	Nanostructured lipid carriers of pioglitazone for transdermal application: from experimental design to bioactivity detail. <i>Drug Delivery</i> , <b>2016</b> , 23, 601-9	7	49
157	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> , <b>2018</b> , 116, 1260-1267	7.9	47
156	QbD-based carbopol transgel formulation: characterization, pharmacokinetic assessment and therapeutic efficacy in diabetes. <i>Drug Delivery</i> , <b>2016</b> , 23, 1057-66	7	45
155	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> , <b>2018</b> , 46, 755-765	6.1	44

154	Enhanced transdermal delivery of luteolin via non-ionic surfactant-based vesicle: quality evaluation and anti-arthritic assessment. <i>Drug Delivery</i> , <b>2016</b> , 23, 1079-84	7	40
153	Invasomes of isradipine for enhanced transdermal delivery against hypertension: formulation, characterization, and in vivo pharmacodynamic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 139-145	6.1	39
152	Fisetin loaded binary ethosomes for management of skin cancer by dermal application on UV exposed mice. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 560, 78-91	6.5	39
151	Design, formulation and optimization of valsartan transdermal gel containing iso-eucalyptol as novel permeation enhancer: preclinical assessment of pharmacokinetics in Wistar albino rats. <i>Expert Opinion on Drug Delivery</i> , <b>2014</b> , 11, 1149-62	8	38
150	Transdermal potential and anti-arthritic efficacy of ursolic acid from niosomal gel systems. <i>International Immunopharmacology</i> , <b>2015</b> , 29, 361-369	5.8	38
149	Optimization of nanostructured lipid carriers for topical delivery of nimesulide using Box-Behnken design approach. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 617-624	6.1	36
148	Development of clove oil based nanoemulsion of olmesartan for transdermal delivery: Box-Behnken design optimization and pharmacokinetic evaluation. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 214, 238-248	6	36
147	Part I: Development and optimization of solid-lipid nanoparticles using Box-Behnken statistical design for ocular delivery of gatifloxacin. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 1813-27	5.4	35
146	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> , <b>2020</b> , 163, 2392-2404	7.9	35
145	Carvedilol nano lipid carriers: formulation, characterization and in-vivo evaluation. <i>Drug Delivery</i> , <b>2016</b> , 23, 1486-94	7	33
144	Application of Design of Experiments (DoE) in Pharmaceutical Product and Process Optimization <b>2019</b> , 43-64		32
143	Enhanced Dissolution of Luteolin by Solid Dispersion Prepared by Different Methods: Physicochemical Characterization and Antioxidant Activity. <i>ACS Omega</i> , <b>2020</b> , 5, 6461-6471	3.9	31
142	In vitro and preclinical assessment of factorial design based nanoethosomes transgel formulation of an opioid analgesic. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2016</b> , 44, 1793-1802	6.1	30
141	Application of Box-Behnken design for preparation of glibenclamide loaded lipid based nanoparticles: Optimization, in vitro skin permeation, drug release and in vivo pharmacokinetic study. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 219, 897-908	6	30
140	Development and evaluation of a novel in situ gel of sparfloxacin for sustained ocular drug delivery: in vitro and ex vivo characterization. <i>Pharmaceutical Development and Technology</i> , <b>2015</b> , 20, 662-9	3.4	29
139	Systemic delivery of $\beta$ blockers via transdermal route for hypertension. <i>Saudi Pharmaceutical Journal</i> , <b>2015</b> , 23, 587-602	4.4	28
138	Ultrasonically tailored, chemically engineered and "QbD" enabled fabrication of agomelatine nanoemulsion; optimization, characterization, ex-vivo permeation and stability study. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 41, 213-226	8.9	28
137	The application of anethole, menthone, and eugenol in transdermal penetration of valsartan: Enhancement and mechanistic investigation. <i>Pharmaceutical Biology</i> , <b>2016</b> , 54, 1042-51	3.8	28

136	Optimization by design of etoposide loaded solid lipid nanoparticles for ocular delivery: Characterization, pharmacokinetic and deposition study. <i>Materials Science and Engineering C</i> , <b>2019</b> , 100, 959-970	8.3	27
135	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> , <b>2020</b> , 15, 1073-1094	7.3	27
134	Lamotrigine encapsulated intra-nasal nanoliposome formulation for epilepsy treatment: Formulation design, characterization and nasal toxicity study. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 174, 553-562	6	27
133	Formulation and optimization of nanostructured lipid carriers to enhance oral bioavailability of telmisartan using BoxBehnken design. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 44, 431-439	4.5	26
132	Neuroprotective study of Nigella sativa-loaded oral provesicular lipid formulation: in vitro and ex vivo study. <i>Drug Delivery</i> , <b>2014</b> , 21, 487-94	7	24
131	Ameliorating effects of two extracts of Nigella sativa in middle cerebral artery occluded rat. <i>Journal of Pharmacy and Bioallied Sciences</i> , <b>2012</b> , 4, 70-5	1.1	24
130	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> , <b>2019</b> , 50, 339-346	4.5	23
129	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> , <b>2018</b> , 46, 959-967	6.1	22
128	Transdermal delivery of calcium channel blockers for hypertension. <i>Expert Opinion on Drug Delivery</i> , <b>2013</b> , 10, 1137-53	8	22
127	Preparation and optimization of fisetin loaded glycerol based soft nanovesicles by Box-Behnken design. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 578, 119125	6.5	21
126	Neuroprotective effects of chloroform and petroleum ether extracts of Nigella sativa seeds in stroke model of rat. <i>Journal of Pharmacy and Bioallied Sciences</i> , <b>2013</b> , 5, 119-25	1.1	21
125	Embelin-loaded oral niosomes ameliorate streptozotocin-induced diabetes in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 97, 1514-1520	7.5	21
124	Transdermal delivery of angiotensin II receptor blockers (ARBs), angiotensin-converting enzyme inhibitors (ACEIs) and others for management of hypertension. <i>Drug Delivery</i> , <b>2016</b> , 23, 579-90	7	20
123	Stimulus Responsive Ocular Gentamycin-Ferrying Chitosan Nanoparticles Hydrogel: Formulation Optimization, Ocular Safety and Antibacterial Assessment. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4717-4737	7.3	20
122	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> , <b>2017</b> , 231, 514-522	6	19
121	Improved bioavailability of raloxifene hydrochloride using limonene containing transdermal nano-sized vesicles. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 52, 468-476	4.5	19
120	The ameliorated longevity and pharmacokinetics of valsartan released from a gel system of ultradeformable vesicles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2016</b> , 44, 1457-63	6.1	19
119	Optimization of mobile phase by 32-mixture design for the validation and quantification of risperidone in bulk and pharmaceutical formulations using RP-HPLC. <i>Analytical Methods</i> , <b>2014</b> , 6, 282-288	3.2	19

118	A validated RP-HPLC method for simultaneous determination of propranolol and valsartan in bulk drug and gel formulation. <i>Journal of Pharmacy and Bioallied Sciences</i> , <b>2013</b> , 5, 61-5	1.1	19
117	Development and in vitro/in vivo evaluation of artemether and lumefantrine co-loaded nanoliposomes for parenteral delivery. <i>Journal of Liposome Research</i> , <b>2019</b> , 29, 35-43	6.1	19
116	Nonionic surfactant based thymoquinone loaded nanoproniosomal formulation: in vitro physicochemical evaluation and in vivo hepatoprotective efficacy. <i>Drug Development and Industrial Pharmacy</i> , <b>2017</b> , 43, 1413-1420	3.6	18
115	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> , <b>2019</b> , 181, 426-436	6	18
114	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> , <b>2020</b> , 21, 167	3.9	18
113	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> , <b>2018</b> , 46, 46-57	6.1	18
112	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> , <b>2018</b> , 106, 1578-1585	7.5	18
111	Recent Advances in Liposomal Drug Delivery System of Quercetin for Cancer Targeting: A Mechanistic Approach. <i>Current Drug Delivery</i> , <b>2020</b> , 17, 845-860	3.2	18
110	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> , <b>2020</b> , 27, 1625-1643	7	18
109	Clarithromycin-Loaded Ocular Chitosan Nanoparticle: Formulation, Optimization, Characterization, Ocular Irritation, and Antimicrobial Activity. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 7861-7875	7.3	18
108	BBD-Based Development of Itraconazole Loaded Nanostructured Lipid Carrier for Topical Delivery: In Vitro Evaluation and Antimicrobial Assessment. <i>Journal of Pharmaceutical Innovation</i> , <b>2021</b> , 16, 85-98	1.8	18
107	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> , <b>2020</b> , 57, 101674	4.5	16
106	Stimuli-sensitive hydrogels: a novel ophthalmic drug delivery system. <i>Indian Journal of Ophthalmology</i> , <b>2010</b> , 58, 477-81	1.6	16
105	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. <i>Pharmaceutics</i> , <b>2020</b> , 13,	6.4	16
104	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> , <b>2020</b> , 55, 101356	4.5	16
103	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> , <b>2020</b> , 151, 105411	5.1	15
102	Formulation of amlodipine nano lipid carrier: Formulation design, physicochemical and transdermal absorption investigation. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 49, 209-218	4.5	15
101	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> , <b>2019</b> , 16, 123-135	3.2	15

100	Chitosan Coated Luteolin Nanostructured Lipid Carriers: Optimization, In Vitro-Ex Vivo Assessments and Cytotoxicity Study in Breast Cancer Cells. <i>Coatings</i> , <b>2021</b> , 11, 158	2.9	14
99	Thymoquinone loaded dermal lipid nano particles: Box Behnken design optimization to preclinical psoriasis assessment. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 52, 713-721	4.5	13
98	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> , <b>2021</b> , 159, 105735	5.1	13
97	In vivo characterization of monolithic matrix type transdermal drug delivery systems of pinacidil monohydrate: a technical note. <i>AAPS PharmSciTech</i> , <b>2006</b> , 7, E6	3.9	12
96	Preparation and evaluation of transdermal naproxen niosomes: formulation optimization to preclinical anti-inflammatory assessment on murine model. <i>Journal of Liposome Research</i> , <b>2020</b> , 30, 377-387	6.1	12
95	Emergence in the functionalized carbon nanotubes as smart nanocarriers for drug delivery applications <b>2018</b> , 105-133		12
94	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> , <b>2019</b> , 54, 101234	4.5	11
93	Formulation and Optimization of Candesartan Cilexetil Nano Lipid Carrier: In Vitro and In Vivo Evaluation. <i>Current Drug Delivery</i> , <b>2017</b> , 14, 1005-1015	3.2	11
92	Effect of Chitosan Coating on PLGA Nanoparticles for Oral Delivery of Thymoquinone: In Vitro, Ex Vivo, and Cancer Cell Line Assessments. <i>Coatings</i> , <b>2021</b> , 11, 6	2.9	11
91	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	11
90	Formulation and evaluation of thymoquinone niosomes: application of developed and validated RP-HPLC method in delivery system. <i>Drug Development and Industrial Pharmacy</i> , <b>2019</b> , 45, 1799-1806	3.6	10
89	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> , <b>2019</b> , 51, 383-396	4.5	10
88	Stimulatory Effects of Soluplus <sup>®</sup> on Flufenamic Acid $\beta$ -Cyclodextrin Supramolecular Complex: Physicochemical Characterization and Pre-clinical Anti-inflammatory Assessment. <i>AAPS PharmSciTech</i> , <b>2020</b> , 21, 145	3.9	10
87	Nanotechnology as a Novel Approach in Combating Microbes Providing an Alternative to Antibiotics. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	10
86	Formulation of Piperine-Chitosan-Coated Liposomes: Characterization and In Vitro Cytotoxic Evaluation. <i>Molecules</i> , <b>2021</b> , 26,	4.8	10
85	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> , <b>2020</b> , 43, 53-65	1.3	10
84	Levofloxacin loaded gelrite-cellulose polymer based sustained ocular drug delivery: formulation, optimization and biological study. <i>Journal of Polymer Engineering</i> , <b>2016</b> , 36, 761-769	1.4	9
83	Formulation and Evaluation of Supramolecular Food-Grade Piperine HP $\beta$ CD and TPGS Complex: Dissolution, Physicochemical Characterization, Molecular Docking, In Vitro Antioxidant Activity, and Antimicrobial Assessment. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9

82	Design of experiment based validated stability indicating RP-HPLC method of temozolomide in bulk and pharmaceutical dosage forms. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , <b>2016</b> , 5, 402-408	2.2	9
81	Formulation of sitagliptin-loaded oral polymeric nano scaffold: process parameters evaluation and enhanced anti-diabetic performance. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 66-78	6.1	9
80	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> , <b>2018</b> , 13, 341-352	1.8	9
79	Nano-Based Therapy for Treatment of Skin Cancer. <i>Recent Patents on Anti-infective Drug Discovery</i> , <b>2018</b> , 13, 151-163	1.6	8
78	Formulation of Piperine Ternary Inclusion Complex Using $\beta$ CD and HPMC: Physicochemical Characterization, Molecular Docking, and Antimicrobial Testing. <i>Processes</i> , <b>2020</b> , 8, 1450	2.9	8
77	Development and Evaluations of Transdermally Delivered Luteolin Loaded Cationic Nanoemulsion: In Vitro and Ex Vivo Evaluations. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	8
76	Thymoquinone loaded chitosan - Solid lipid nanoparticles: Formulation optimization to oral bioavailability study. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 64, 102565	4.5	8
75	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> , <b>2020</b> , 57, 101775	4.5	7
74	Luteolin-Loaded Elastic Liposomes for Transdermal Delivery to Control Breast Cancer: In Vitro and Ex Vivo Evaluations. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	7
73	Thymoquinone Loaded Solid Lipid Nanoparticles Demonstrated Antidepressant-Like Activity in Rats via Indoleamine 2, 3- Dioxygenase Pathway. <i>Drug Research</i> , <b>2020</b> , 70, 206-213	1.8	7
72	Bioactive Apigenin loaded oral nano bilosomes: Formulation optimization to preclinical assessment. <i>Saudi Pharmaceutical Journal</i> , <b>2021</b> , 29, 269-279	4.4	7
71	Nanoemulsion for the Effective Treatment and Management of Anti-tubercular Drug Therapy. <i>Recent Patents on Anti-infective Drug Discovery</i> , <b>2017</b> , 12, 85-94	1.6	6
70	Tailoring of berberine loaded transniosomes for the management of skin cancer in mice. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 60, 102051	4.5	6
69	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> , <b>2021</b> , 61, 102198	4.5	6
68	Quantitative Determination of thymoquinone in Nigella Sativa and its nano formulation using validated stability indicating HPTLC densitometric method. <i>International Current Pharmaceutical Journal</i> , <b>2018</b> , 6, 53-60		6
67	Thymoquinone-entrapped chitosan-modified nanoparticles: formulation optimization to preclinical bioavailability assessments. <i>Drug Delivery</i> , <b>2021</b> , 28, 973-984	7	6
66	Recent Advancement in Chitosan-Based Nanoparticles for Improved Oral Bioavailability and Bioactivity of Phytochemicals: Challenges and Perspectives. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
65	Exploration of Nanoethosomal Transgel of Naproxen Sodium for the Treatment of Arthritis. <i>Current Drug Delivery</i> , <b>2020</b> , 17, 885-897	3.2	5

64	Transdermal delivery of isoniazid loaded elastic liposomes to control cutaneous and systemic tuberculosis. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 59, 101848	4.5	5
63	Assessment of solubility and Hansen solubility parameters of rifampicin in various permeation enhancers: Experimental and computational approach. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 328, 115432	6	5
62	Formulation and Optimization of Butenafine-Loaded Topical Nano Lipid Carrier-Based Gel: Characterization, Irritation Study, and Anti-Fungal Activity. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	5
61	Formulation of carteolol chitosomes for ocular delivery: formulation optimization, permeation, and ocular toxicity examination. <i>Cutaneous and Ocular Toxicology</i> , <b>2021</b> , 40, 338-349	1.8	5
60	Green Synthesis and Characterization of Copper Nanoparticles Using Leaves.. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
59	Validated reversed phase HPLC method for determination of pioglitazone hydrochloride in bulk drug and tablet formulations. <i>Journal of Analytical Chemistry</i> , <b>2015</b> , 70, 744-746	1.1	4
58	Development and Optimization of Hybrid Polymeric Nanoparticles of Apigenin: Physicochemical Characterization, Antioxidant Activity and Cytotoxicity Evaluation.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	4
57	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> , <b>2020</b> , 69, 1257-1271	1.6	4
56	Development of Piperine-Loaded Solid Self-Nanoemulsifying Drug Delivery System: Optimization, In-Vitro, Ex-Vivo, and In-Vivo Evaluation. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	4
55	Novel Hemocompatible Imine Compounds as Alternatives for Antimicrobial Therapy in Pharmaceutical Application. <i>Processes</i> , <b>2020</b> , 8, 1476	2.9	4
54	Formulation of Curcumin- $\beta$ -cyclodextrin-polyvinylpyrrolidone supramolecular inclusion complex: experimental, molecular docking, and preclinical anti-inflammatory assessment. <i>Drug Development and Industrial Pharmacy</i> , <b>2020</b> , 46, 1524-1534	3.6	4
53	Formulation and Optimization of Nano Lipid Based Oral Delivery Systems for Arthritis. <i>Coatings</i> , <b>2021</b> , 11, 548	2.9	4
52	Formulation of Chitosan-Coated Piperine NLCs: Optimization, In Vitro Characterization, and In Vivo Preclinical Assessment. <i>AAPS PharmSciTech</i> , <b>2021</b> , 22, 231	3.9	4
51	Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i> , <b>2021</b> , 195, 114849	6	3
50	Formulation, optimization and evaluation of vitamin E TPGS emulsified dorzolamide solid lipid nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , <b>2022</b> , 68, 103062	4.5	3
49	Nano-carriers for the Treatment of Tuberculosis. <i>Recent Patents on Anti-infective Drug Discovery</i> , <b>2017</b> , 12, 95-106	1.6	3
48	Nanocrystals: Characterization Overview, Applications in Drug Delivery, and Their Toxicity Concerns. <i>Journal of Pharmaceutical Innovation</i> , <b>2020</b> , 1	1.8	3
47	Morphological transition of M. tuberculosis and modulation of intestinal permeation by food grade cationic nanoemulsion: In vitro-ex vivo-in silico GastroPlus studies. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 60, 101971	4.5	3



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