

# Syed Sarim Imam

## List of Publications by Year in descending order

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200  
papers

5,181  
citations

81839

39  
h-index

149623

56  
g-index

201  
all docs

201  
docs citations

201  
times ranked

3929  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2016, 85, 258-270.	3.6	130
2	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.	3.6	118
3	Brain Targeting of Temozolomide via the Intranasal Route Using Lipid-Based Nanoparticles: Brain Pharmacokinetic and Scintigraphic Analyses. <i>Molecular Pharmaceutics</i> , 2016, 13, 3773-3782.	2.3	110
4	Preparation, characterization, and evaluation of gatifloxacin loaded solid lipid nanoparticles as colloidal ocular drug delivery system. <i>Journal of Drug Targeting</i> , 2010, 18, 191-204.	2.1	106
5	Enhanced transdermal delivery of an anti-hypertensive agent via nanoethosomes: Statistical optimization, characterization and pharmacokinetic assessment. <i>International Journal of Pharmaceutics</i> , 2013, 443, 26-38.	2.6	104
6	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, 789-797.	3.8	99
7	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.	2.5	91
8	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.	1.9	91
9	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.	1.9	88
10	In situ gelling dorzolamide loaded chitosan nanoparticles for the treatment of glaucoma. <i>Carbohydrate Polymers</i> , 2014, 102, 117-124.	5.1	82
11	Formulation by design-based proniosome for accentuated transdermal delivery of risperidone: in vitro characterization and in vivo pharmacokinetic study. <i>Drug Delivery</i> , 2015, 22, 1059-1070.	2.5	80
12	Nanotechnology as a Novel Approach in Combating Microbes Providing an Alternative to Antibiotics. <i>Antibiotics</i> , 2021, 10, 1473.	1.5	80
13	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, 147-158.	2.6	74
14	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.	3.6	70
15	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.	3.8	69
16	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.	3.6	69
17	Investigation of antihypertensive activity of carbopol valsartan transdermal gel containing 1,8-cineole. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 144-149.	3.6	68
18	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.	2.6	66

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19	Nanostructured lipid carriers of pioglitazone for transdermal application: from experimental design to bioactivity detail. <i>Drug Delivery</i> , 2016, 23, 601-609.	2.5	63
20	Invasomes of isradipine for enhanced transdermal delivery against hypertension: formulation, characterization, and <i>in vivo</i> pharmacodynamic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 139-145.	1.9	61
21	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.	1.9	60
22	Enhanced Dissolution of Luteolin by Solid Dispersion Prepared by Different Methods: Physicochemical Characterization and Antioxidant Activity. <i>ACS Omega</i> , 2020, 5, 6461-6471.	1.6	60
23	QbD-based carbopol transgel formulation: characterization, pharmacokinetic assessment and therapeutic efficacy in diabetes. <i>Drug Delivery</i> , 2016, 23, 1047-1056.	2.5	55
24	Application of Design of Experiments (DoE) in Pharmaceutical Product and Process Optimization. , 2019, , 43-64.		54
25	Enhanced transdermal delivery of luteolin via non-ionic surfactant-based vesicle: quality evaluation and anti-arthritis assessment. <i>Drug Delivery</i> , 2016, 23, 1069-1074.	2.5	51
26	Development of clove oil based nanoemulsion of olmesartan for transdermal delivery: Box-Behnken design optimization and pharmacokinetic evaluation. <i>Journal of Molecular Liquids</i> , 2016, 214, 238-248.	2.3	51
27	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.	3.8	50
28	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> , 2014, 11, 1149-1162.	2.4	49
29	Transdermal potential and anti-arthritis efficacy of ursolic acid from niosomal gel systems. <i>International Immunopharmacology</i> , 2015, 29, 361-369.	1.7	49
30	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.	3.8	49
31	&lt;p&gt;Clarithromycin-Loaded Ocular Chitosan Nanoparticle: Formulation, Optimization, Characterization, Ocular Irritation, and Antimicrobial Activity&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7861-7875.	3.3	49
32	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. <i>Pharmaceutics</i> , 2021, 13, 24.	2.0	48
33	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> , 2013, 101A, 1813-1827.	2.1	45
34	Development and evaluation of a novel <i>in situ</i> gel of sparfloxacin for sustained ocular drug delivery: <i>in vitro</i> and <i>ex vivo</i> characterization. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 662-669.	1.1	45
35	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.	2.5	45
36	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, 431-439.	1.4	44

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37	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.	1.9	44
38	Carvedilol nano lipid carriers: formulation, characterization and <i>in-vivo</i> evaluation. <i>Drug Delivery</i> , 2016, 23, 1486-1494.	2.5	43
39	&lt;p&gt;Novel Approach for Transdermal Delivery of Rifampicin to Induce Synergistic Antimycobacterial Effects Against Cutaneous and Systemic Tuberculosis Using a Cationic Nanoemulsion Gel&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1073-1094.	3.3	43
40	Systemic delivery of $\beta$ -blockers via transdermal route for hypertension. <i>Saudi Pharmaceutical Journal</i> , 2015, 23, 587-602.	1.2	40
41	Application of Box&acirc;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> , 2016, 219, 897-908.	2.3	40
42	Embelin-loaded oral niosomes ameliorate streptozotocin-induced diabetes in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1514-1520.	2.5	40
43	&lt;p&gt;Stimulus Responsive Ocular Gentamycin-Ferrying Chitosan Nanoparticles Hydrogel: Formulation Optimization, Ocular Safety and Antibacterial Assessment&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4717-4737.	3.3	40
44	The application of anethole, menthone, and eugenol in transdermal penetration of valsartan: Enhancement and mechanistic investigation. <i>Pharmaceutical Biology</i> , 2016, 54, 1042-1051.	1.3	37
45	Preparation and optimization of fisetin loaded glycerol based soft nanovesicles by Box-Behnken design. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119125.	2.6	36
46	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.	1.1	36
47	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. <i>Pharmaceutics</i> , 2021, 13, 840.	2.0	36
48	Neuroprotective effects of chloroform and petroleum ether extracts of <i>Nigella sativa</i> seeds in stroke model of rat. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2013, 5, 119.	0.2	35
49	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.	1.5	35
50	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.	1.2	35
51	Ameliorating effects of two extracts of <i>Nigella sativa</i> in middle cerebral artery occluded rat. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2012, 4, 70.	0.2	34
52	<i>In vitro</i> and preclinical assessment of factorial design based nanoethosomes transgel formulation of an opioid analgesic. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1793-1802.	1.9	34
53	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.	1.4	34
54	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.	1.4	34

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55	Thymoquinone-entrapped chitosan-modified nanoparticles: formulation optimization to preclinical bioavailability assessments. <i>Drug Delivery</i> , 2021, 28, 973-984.	2.5	34
56	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.	1.4	33
57	Neuroprotective study of Nigella sativa-loaded oral vesicular lipid formulation: in vitro and in vivo study. <i>Drug Delivery</i> , 2014, 21, 487-494.	2.5	32
58	Bioactive Apigenin loaded oral nano bilosomes: Formulation optimization to preclinical assessment. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 269-279.	1.2	31
59	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.	1.2	31
60	Recent Advancement in Chitosan-Based Nanoparticles for Improved Oral Bioavailability and Bioactivity of Phytochemicals: Challenges and Perspectives. <i>Polymers</i> , 2021, 13, 4036.	2.0	31
61	Formulation and evaluation of nano lipid formulation containing CNS acting drug: molecular docking, <i>in-vitro</i> assessment and bioactivity detail in rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 46-57.	1.9	30
62	Formulation of Piperine-“Chitosan-Coated Liposomes: Characterization and In Vitro Cytotoxic Evaluation. <i>Molecules</i> , 2021, 26, 3281.	1.7	30
63	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, 579-590.	2.5	29
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.	1.9	29
65	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.	2.5	29
66	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.	1.5	29
67	The ameliorated longevity and pharmacokinetics of valsartan released from a gel system of ultradeformable vesicles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1457-1463.	1.9	28
68	Development and Evaluations of Transdermally Delivered Luteolin Loaded Cationic Nanoemulsion: In Vitro and Ex Vivo Evaluations. <i>Pharmaceutics</i> , 2021, 13, 1218.	2.0	27
69	Recent Advances in Liposomal Drug Delivery System of Quercetin for Cancer Targeting: A Mechanistic Approach. <i>Current Drug Delivery</i> , 2020, 17, 845-860.	0.8	27
70	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> , 2013, 5, 61.	0.2	26
71	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.	1.4	26
72	Transdermal delivery of calcium channel blockers for hypertension. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1137-1153.	2.4	25

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73	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. Journal of Drug Delivery Science and Technology, 2020, 57, 101674.	1.4	25
74	Development of nabumetone loaded lipid nano-scaffold for the effective oral delivery; optimization, characterization, drug release and pharmacodynamic study. Journal of Molecular Liquids, 2017, 231, 514-522.	2.3	24
75	Emergence in the functionalized carbon nanotubes as smart nanocarriers for drug delivery applications. , 2018, , 105-133.		24
76	Ursolic acid loaded intra nasal nano lipid vesicles for brain tumour: Formulation, optimization, in-vivo brain/plasma distribution study and histopathological assessment. Biomedicine and Pharmacotherapy, 2018, 106, 1578-1585.	2.5	24
77	Development and <i>in vitro</i> / <i>in vivo</i> evaluation of artemether and lumefantrine co-loaded nanoliposomes for parenteral delivery. Journal of Liposome Research, 2019, 29, 35-43.	1.5	24
78	Quality by design (QbD) based development and validation of bioanalytical RP-HPLC method for dapagliflozin: Forced degradation and preclinical pharmacokinetic study. Journal of Liquid Chromatography and Related Technologies, 2020, 43, 53-65.	0.5	24
79	Host-guest complex of $\beta$ -cyclodextrin and pluronic F127 with Luteolin: Physicochemical characterization, anti-oxidant activity and molecular modeling studies. Journal of Drug Delivery Science and Technology, 2020, 55, 101356.	1.4	24
80	Formulation and Evaluation of Neuroactive Drug Loaded Chitosan Nanoparticle for Nose to Brain Delivery: In-vitro Characterization and In-vivo Behavior Study. Current Drug Delivery, 2018, 16, 123-135.	0.8	23
81	Formulation of Piperine Ternary Inclusion Complex Using $\beta$ CD and HPMC: Physicochemical Characterization, Molecular Docking, and Antimicrobial Testing. Processes, 2020, 8, 1450.	1.3	23
82	Formulation of sitagliptin-loaded oral polymeric nano scaffold: process parameters evaluation and enhanced anti-diabetic performance. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 66-78.	1.9	22
83	Thymoquinone loaded dermal lipid nano particles: Box Behnken design optimization to preclinical psoriasis assessment. Journal of Drug Delivery Science and Technology, 2019, 52, 713-721.	1.4	22
84	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. Molecules, 2020, 25, 4716.	1.7	22
85	Vesicular elastic liposomes for transdermal delivery of rifampicin: In-vitro, in-vivo and in silico GastroPlus <sup>®</sup> prediction studies. European Journal of Pharmaceutical Sciences, 2020, 151, 105411.	1.9	21
86	Thymoquinone loaded chitosan - Solid lipid nanoparticles: Formulation optimization to oral bioavailability study. Journal of Drug Delivery Science and Technology, 2021, 64, 102565.	1.4	21
87	Luteolin-Loaded Elastic Liposomes for Transdermal Delivery to Control Breast Cancer: In Vitro and Ex Vivo Evaluations. Pharmaceuticals, 2021, 14, 1143.	1.7	21
88	Stimuli-sensitive hydrogels: A novel ophthalmic drug delivery system. Indian Journal of Ophthalmology, 2010, 58, 477.	0.5	20
89	Optimization of mobile phase by 3 <sup>2</sup> -mixture design for the validation and quantification of risperidone in bulk and pharmaceutical formulations using RP-HPLC. Analytical Methods, 2014, 6, 282-288.	1.3	20
90	Nonionic surfactant based thymoquinone loaded nanoprinosomal formulation: <i>in vitro</i> physicochemical evaluation and <i>in vivo</i> hepatoprotective efficacy. Drug Development and Industrial Pharmacy, 2017, 43, 1413-1420.	0.9	20

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91	Formulation and Optimization of Butenafine-Loaded Topical Nano Lipid Carrier-Based Gel: Characterization, Irritation Study, and Anti-Fungal Activity. <i>Pharmaceutics</i> , 2021, 13, 1087.	2.0	20
92	Green Synthesis and Characterization of Copper Nanoparticles Using <i>Fortunella margarita</i> Leaves. <i>Polymers</i> , 2021, 13, 4364.	2.0	20
93	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.	0.9	19
94	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.	0.7	19
95	Polycystic Ovarian Syndrome: A Complex Disease with a Genetics Approach. <i>Biomedicines</i> , 2022, 10, 540.	1.4	19
96	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.	1.4	17
97	Formulation, In Vitro and In Vivo Evaluation of Gefitinib Solid Dispersions Prepared Using Different Techniques. <i>Processes</i> , 2021, 9, 1210.	1.3	17
98	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.	1.4	17
99	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> , 2016, 5, 402-408.	0.8	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.	1.4	16
101	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.	2.3	16
102	Symptomatic, Genetic, and Mechanistic Overlaps between Autism and Alzheimer's Disease. <i>Biomolecules</i> , 2021, 11, 1635.	1.8	16
103	In vivo characterization of monolithic matrix type transdermal drug delivery systems of pinacidil monohydrate: A technical note. <i>AAPS PharmSciTech</i> , 2006, 7, E38-E42.	1.5	15
104	Stimulatory Effects of Soluplus® on Flufenamic Acid $\beta$ -Cyclodextrin Supramolecular Complex: Physicochemical Characterization and Pre-clinical Anti-inflammatory Assessment. <i>AAPS PharmSciTech</i> , 2020, 21, 145.	1.5	15
105	Exploration of Nanoethosomal Transgel of Naproxen Sodium for the Treatment of Arthritis. <i>Current Drug Delivery</i> , 2020, 17, 885-897.	0.8	15
106	Promises of phytochemical based nano drug delivery systems in the management of cancer. <i>Chemico-Biological Interactions</i> , 2022, 351, 109745.	1.7	15
107	Formulation and Evaluation of Topical Nano-Lipid-Based Delivery of Butenafine: In Vitro Characterization and Antifungal Activity. <i>Gels</i> , 2022, 8, 133.	2.1	15
108	Formulation of Self-Nanoemulsifying Drug Delivery System of Cephalexin: Physicochemical Characterization and Antibacterial Evaluation. <i>Polymers</i> , 2022, 14, 1055.	2.0	15

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109	Formulation and Evaluation of Luteolin-Loaded Nanovesicles: <i>In Vitro</i> Physicochemical Characterization and Viability Assessment. ACS Omega, 2022, 7, 1048-1056.	1.6	15
110	Spanlastics a Novel Nanovesicular Carrier: Its Potential Application and Emerging Trends in Therapeutic Delivery. AAPS PharmSciTech, 2022, 23, 112.	1.5	15
111	Formulation and Evaluation of Moxifloxacin Loaded Bilosomes In-Situ Gel: Optimization to Antibacterial Evaluation. Gels, 2022, 8, 418.	2.1	15
112	Quality by design driven development and optimization of teriflunomide loaded nanoliposomes for treatment of rheumatoid arthritis: An in vitro and in vivo assessments. Journal of Drug Delivery Science and Technology, 2019, 51, 383-396.	1.4	14
113	Formulation, Optimization and Evaluation of Luteolin-Loaded Topical Nanoparticulate Delivery System for the Skin Cancer. Pharmaceutics, 2021, 13, 1749.	2.0	14
114	Development of Piperine-Loaded Solid Self-Nanoemulsifying Drug Delivery System: Optimization, In-Vitro, Ex-Vivo, and In-Vivo Evaluation. Nanomaterials, 2021, 11, 2920.	1.9	14
115	Receptor-Mediated Targeted Delivery of Surface-Modified Nanomedicine in Breast Cancer: Recent Update and Challenges. Pharmaceutics, 2021, 13, 2039.	2.0	14
116	Formulation of Chitosan-Coated Apigenin Bilosomes: In Vitro Characterization, Antimicrobial and Cytotoxicity Assessment. Polymers, 2022, 14, 921.	2.0	14
117	Nanocrystals: Characterization Overview, Applications in Drug Delivery, and Their Toxicity Concerns. Journal of Pharmaceutical Innovation, 2022, 17, 237-248.	1.1	13
118	Formulation of Curcumin- $\beta$ -cyclodextrin-polyvinylpyrrolidone supramolecular inclusion complex: experimental, molecular docking, and preclinical anti-inflammatory Assessment. Drug Development and Industrial Pharmacy, 2020, 46, 1524-1534.	0.9	13
119	Formulation and Optimization of Nano Lipid Based Oral Delivery Systems for Arthritis. Coatings, 2021, 11, 548.	1.2	13
120	Formulation and Optimization of Candesartan Cilexetil Nano Lipid Carrier: In Vitro and In Vivo Evaluation. Current Drug Delivery, 2017, 14, 1005-1015.	0.8	13
121	Four-Dimensional Printing for Hydrogel: Theoretical Concept, 4D Materials, Shape-Morphing Way, and Future Perspectives. Polymers, 2021, 13, 3858.	2.0	13
122	Novel nanotechnology approaches for diagnosis and therapy of breast, ovarian and cervical cancer in female: A review. Journal of Drug Delivery Science and Technology, 2021, 61, 102198.	1.4	12
123	Formulation and evaluation of butenafine loaded PLGA-nanoparticulate laden chitosan nano gel. Drug Delivery, 2021, 28, 2348-2360.	2.5	12
124	Formulation of Genistein-HP $\beta$ Cyclodextrin-Poloxamer 188 Ternary Inclusion Complex: Solubility to Cytotoxicity Assessment. Pharmaceutics, 2021, 13, 1997.	2.0	12
125	Fabrication and optimization of raloxifene loaded spanlastics vesicle for transdermal delivery. Journal of Drug Delivery Science and Technology, 2022, 68, 103102.	1.4	12
126	Development and Optimization of Hybrid Polymeric Nanoparticles of Apigenin: Physicochemical Characterization, Antioxidant Activity and Cytotoxicity Evaluation. Sensors, 2022, 22, 1364.	2.1	12



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127	Preparation of NLCs-Based Topical Erythromycin Gel: In Vitro Characterization and Antibacterial Assessment. <i>Gels</i> , 2022, 8, 116.	2.1	12
128	Nano-Based Therapy for Treatment of Skin Cancer. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 13, 151-163.	0.5	11
129	Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i> , 2022, 195, 114849.	2.0	11
130	Improved Antibacterial Activity of sulfasalazine loaded fullerene derivative: computational and experimental studies. <i>Journal of Molecular Liquids</i> , 2022, 348, 118083.	2.3	11
131	Rosinidin Attenuates Lipopolysaccharide-Induced Memory Impairment in Rats: Possible Mechanisms of Action Include Antioxidant and Anti-Inflammatory Effects. <i>Biomolecules</i> , 2021, 11, 1747.	1.8	11
132	Preparation and In Vitro-In Vivo Evaluation of Luteolin Loaded Gastroretentive Microsponge for the Eradication of <i>Helicobacter pylori</i> Infections. <i>Pharmaceutics</i> , 2021, 13, 2094.	2.0	11
133	Formulation and Evaluation of Nano Lipid Carrier-Based Ocular Gel System: Optimization to Antibacterial Activity. <i>Gels</i> , 2022, 8, 255.	2.1	11
134	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.	0.6	10
135	Optimization of valencene containing lipid vesicles for boosting the transungual delivery of itraconazole. <i>3 Biotech</i> , 2021, 11, 137.	1.1	10
136	Formulation of Piperine Nanoparticles: In Vitro Breast Cancer Cell Line and In Vivo Evaluation. <i>Polymers</i> , 2022, 14, 1349.	2.0	10
137	MiRNAs in Lung Cancer: Diagnostic, Prognostic, and Therapeutic Potential. <i>Diagnostics</i> , 2022, 12, 1610.	1.3	10
138	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.	1.1	9
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