

# Yasmin Sultana

## List of Publications by Year in descending order

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104  
papers

4,088  
citations

108046

37  
h-index

145109

60  
g-index

106  
all docs

106  
docs citations

106  
times ranked

4411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and optimization of raloxifene loaded spanlastics vesicle for transdermal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103102.	1.4	12
2	Investigation on utility of some novel terpenes on transungual delivery of fluconazole for the management of onychomycosis. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 5103-5110.	0.8	11
3	Spanlastics a Novel Nanovesicular Carrier: Its Potential Application and Emerging Trends in Therapeutic Delivery. <i>AAPS PharmSciTech</i> , 2022, 23, 112.	1.5	15
4	Investigations of process parameters during dissolution studies of drug loaded 3D printed tablets. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021, 235, 523-529.	1.0	16
5	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
6	Nanostructured lipid carrier to overcome stratum corneum barrier for the delivery of agomelatine in rat brain; formula optimization, characterization and brain distribution study. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121006.	2.6	13
7	Chitosan coated nanoparticles for efficient delivery of bevacizumab in the posterior ocular tissues via subconjunctival administration. <i>Carbohydrate Polymers</i> , 2021, 267, 118217.	5.1	27
8	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.	1.4	6
9	Liposomes as multifaceted delivery system in the treatment of osteoporosis. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 761-775.	2.4	9
10	Repurposing pentosan polysulfate sodium as hyaluronic acid linked polyion complex nanoparticles for the management of osteoarthritis: A potential approach. <i>Medical Hypotheses</i> , 2021, 157, 110713.	0.8	6
11	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
12	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
13	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.	0.6	2
14	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
15	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
16	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
17	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
18	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

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19	Self-nanoemulsifying drug delivery system of nabumetone improved its oral bioavailability and anti-inflammatory effects in rat model. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 736-745.	1.4	27
20	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
21	Ibuprofen loaded nano-ethanolic liposomes carbopol gel system: <i>in vitro</i> characterization and anti-inflammatory efficacy assessment in Wistar rats. <i>Journal of Polymer Engineering</i> , 2018, 38, 291-298.	0.6	13
22	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
23	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> , 2018, 16, 123-135.	0.8	23
24	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
25	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
26	Development of transethosomes formulation for dermal fisetin delivery: Box-Behnken design, optimization, <i>in vitro</i> skin penetration, vesicles-skin interaction and dermatokinetic studies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 755-765.	1.9	88
27	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.	2.5	24
28	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
29	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
30	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.	2.3	24
31	Development and optimization of ketoconazole loaded nano-transfersomal gel for vaginal delivery using Box-Behnken design: In-vitro, ex-vivo characterization and antimicrobial evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 95-103.	1.4	45
32	Chitosan-coated PLGA nanoparticles of bevacizumab as novel drug delivery to target retina: optimization, characterization, and <i>in vitro</i> toxicity evaluation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1397-1407.	1.9	91
33	Glial Cell: A Potential Target for Cellular and Drug Based Therapy in Various CNS Diseases. <i>Current Pharmaceutical Design</i> , 2017, 23, 2389-2399.	0.9	18
34	Nano vesicular lipid carriers of angiotensin II receptor blocker: Anti-hypertensive and skin toxicity study in focus. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-6.	1.9	22
35	Delivery of gatifloxacin using microemulsion as vehicle: formulation, evaluation, transcorneal permeation and aqueous humor drug determination. <i>Drug Delivery</i> , 2016, 23, 886-897.	2.5	58
36	QbD-based carbopol transgel formulation: characterization, pharmacokinetic assessment and therapeutic efficacy in diabetes. <i>Drug Delivery</i> , 2016, 23, 1047-1056.	2.5	55

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37	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
38	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> , 2016, 219, 897-908.	2.3	40
39	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
40	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
41	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
42	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
43	Carvedilol nano lipid carriers: formulation, characterization and <i>in-vivo</i> evaluation. <i>Drug Delivery</i> , 2016, 23, 1486-1494.	2.5	43
44	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
45	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
46	Terpenes and Essential Oils as Skin Penetration Enhancers. , 2015, , 173-193.		5
47	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
48	Enhanced delivery of diclofenac diethylamine loaded Eudragit RL 100 <sup>®</sup> transdermal system against inflammation. <i>Journal of Polymer Engineering</i> , 2015, 35, 699-708.	0.6	3
49	Validated reversed phase HPLC method for determination of pioglitazone hydrochloride in bulk drug and tablet formulations. <i>Journal of Analytical Chemistry</i> , 2015, 70, 744-746.	0.4	8
50	Novel carbopol-based transfersomal gel of 5-fluorouracil for skin cancer treatment: <i>in vitro</i> characterization and <i>in vivo</i> study. <i>Drug Delivery</i> , 2015, 22, 795-802.	2.5	94
51	Development and validation of stability-indicating high performance liquid chromatography method to analyze gatifloxacin in bulk drug and pharmaceutical preparations. <i>Saudi Pharmaceutical Journal</i> , 2015, 23, 85-94.	1.2	9
52	Nanoethosomes mediated transdermal delivery of vinpocetine for management of Alzheimer's disease. <i>Drug Delivery</i> , 2015, 22, 1018-1026.	2.5	11
53	Optimization of nanostructured lipid carriers of lamotrigine for brain delivery: <i>in vitro</i> characterization and <i>in vivo</i> efficacy in epilepsy. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 181-194.	2.4	93
54	Newer Technologies in Oral Vaccine Delivery. <i>Current Drug Therapy</i> , 2015, 9, 173-187.	0.2	2

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55	Editorial (Thematic Issue: Recent Advances in Vaccine Delivery). <i>Current Drug Therapy</i> , 2015, 9, 129-129.	0.2	0
56	In situ gelling dorzolamide loaded chitosan nanoparticles for the treatment of glaucoma. <i>Carbohydrate Polymers</i> , 2014, 102, 117-124.	5.1	82
57	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. <i>Analytical Methods</i> , 2014, 6, 282-288.	1.3	20
58	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
59	Poly(lactide-co-glycolide) Nanoparticles for an Extended Delivery of Bevacizumab to Retina: Formulation and In Vitro Characterization. <i>Advanced Science Letters</i> , 2014, 20, 1588-1593.	0.2	5
60	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
61	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
62	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
63	Part II: Enhancement of transcorneal delivery of gatifloxacin by solid lipid nanoparticles in comparison to commercial aqueous eye drops. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1828-1836.	2.1	47
64	Vascular damage of retina in diabetic retinopathy and its treatment. <i>Expert Review of Ophthalmology</i> , 2012, 7, 73-86.	0.3	0
65	Formulation and optimization of rifampicin microparticles by Box-Behnken statistical design. <i>Pharmaceutical Development and Technology</i> , 2012, 17, 687-696.	1.1	3
66	Formulation and optimization of nanotransfersomes using experimental design technique for accentuated transdermal delivery of valsartan. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 237-249.	1.7	146
67	Formulation and Optimization of Alkaline Extracted Ispaghula Husk Microscopic Reservoirs of Isoniazid by Box-Behnken Statistical Design. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 424-432.	1.3	4
68	Formulation and optimization of alkaline extracted ispaghula husk microparticles of isoniazid "in vitro and in vivo" assessment. <i>Journal of Microencapsulation</i> , 2011, 28, 472-482.	1.2	24
69	Interactions between Novel Terpenes and Main Components of Rat and Human Skin: Mechanistic View for Transdermal Delivery of Propranolol Hydrochloride. <i>Current Drug Delivery</i> , 2011, 8, 213-224.	0.8	55
70	Role of novel terpenes in transcutaneous permeation of valsartan: effectiveness and mechanism of action. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 583-596.	0.9	66
71	Matrix type transdermal therapeutic systems of glibenclamide: Formulation, &ex vivo& characterization and &in vivo& characterization. <i>Drug Discoveries and Therapeutics</i> , 2011, 5, 53-59.	0.6	5
72	Nanotechnology in ocular delivery: Current and future directions. <i>Drugs of Today</i> , 2011, 47, 441.	0.7	30

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73	Molecular complexes of aspirin with humic acid extracted from shilajit and their characterization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 209-215.	1.6	8
74	Extrapulmonary Tuberculosis- Its Management and Control. <i>Current Drug Therapy</i> , 2010, 5, 67-74.	0.2	0
75	Enhanced transdermal delivery of carvedilol using nanoemulsion as a vehicle. <i>Journal of Experimental Nanoscience</i> , 2010, 5, 390-411.	1.3	18
76	Pharmacodynamics of a losartan transdermal system for the treatment of hypertension. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 385-392.	0.9	10
77	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
78	Influence of fulvic acid and hydroxy propyl- $\beta$ -cyclodextrin on aspirin degradation. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 428-430.	0.9	1
79	Humic acid from Shilajit: A physico-chemical and spectroscopic characterization. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 413-422.	0.4	16
80	A Review of Hydrodynamically Balanced Drug Delivery Systems. <i>Micro and Nanosystems</i> , 2010, 2, 78-86.	0.3	0
81	Study of the Degradation Kinetics of Carvedilol by Use of a Validated Stability-Indicating LC Method. <i>Chromatographia</i> , 2009, 70, 1283-1286.	0.7	10
82	Chemical penetration enhancers: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 969-988.	2.4	85
83	Gelatin microspheres of rifampicin cross-linked with sucrose using thermal gelation method for the treatment of tuberculosis. <i>Journal of Microencapsulation</i> , 2009, 26, 83-89.	1.2	12
84	Enhanced Transdermal Drug Delivery Techniques: An Extensive Review of Patents. <i>Recent Patents on Drug Delivery and Formulation</i> , 2009, 3, 105-124.	2.1	66
85	Gelrite-Based In Vitro Gelation Ophthalmic Drug Delivery System of Gatifloxacin. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 89-96.	1.3	22
86	Book Review. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 618-626.	0.9	38
87	Development and Characterization of Liposome-Based Formulation of Amiloride Hydrochloride. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 415-420.	1.3	8
88	Treatment of Tuberculosis: Use of Active Pharmaceuticals. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2008, 3, 34-44.	0.5	10
89	Advances in the topical ocular drug delivery. <i>Expert Review of Ophthalmology</i> , 2007, 2, 309-323.	0.3	7
90	Development and characterization of chitosan succinate microspheres for the improved oral bioavailability of insulin. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 3010-3023.	1.6	37

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91	Effect of pre-treatment of almond oil on ultraviolet B-induced cutaneous photoaging in mice. <i>Journal of Cosmetic Dermatology</i> , 2007, 6, 14-19.	0.8	34
92	Status of terpenes as skin penetration enhancers. <i>Drug Discovery Today</i> , 2007, 12, 1061-1067.	3.2	196
93	Ion-Activated, Gelrite®-Based in Situ Ophthalmic Gels of Pefloxacin Mesylate: Comparison with Conventional Eye Drops. <i>Drug Delivery</i> , 2006, 13, 215-219.	2.5	76
94	Evaluation of Carbopol-Methyl Cellulose Based Sustained-Release Ocular Delivery System for Pefloxacin Mesylate Using Rabbit Eye Model. <i>Pharmaceutical Development and Technology</i> , 2006, 11, 313-319.	1.1	36
95	Transdermal delivery of $\beta$ -blockers. <i>Expert Opinion on Drug Delivery</i> , 2006, 3, 405-418.	2.4	20
96	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
97	Review of Ocular Drug Delivery. <i>Current Drug Delivery</i> , 2006, 3, 207-217.	0.8	128
98	Particulate and Vesicular Drug Carriers in the Management of Tuberculosis. <i>Current Drug Delivery</i> , 2006, 3, 121-128.	0.8	15
99	Ocular inserts for controlled delivery of pefloxacin mesylate: preparation and evaluation. <i>Acta Pharmaceutica</i> , 2005, 55, 305-14.	0.9	23
100	Taste Masking Technologies in Oral Pharmaceuticals: Recent Developments and Approaches. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 429-448.	0.9	334
101	A Three-Way Comparative Study on the Efficacy of Twin Sol to Gel Systems and Marketed Eye Drops of Pefloxacin Mesylate. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2004, 20, 363-371.	0.6	7
102	Transdermal Drug Delivery Systems of a Beta Blocker: Design, In Vitro, and In Vivo Characterization. <i>Drug Delivery</i> , 2004, 11, 27-31.	2.5	28
103	Matrix type transdermal drug delivery systems of metoprolol tartrate: in vitro characterization. <i>Acta Pharmaceutica</i> , 2003, 53, 119-25.	0.9	21
104	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> , 0, , 1-12.	1.9	5