

# Shubhini A Saraf

## List of Publications by Year in descending order

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114  
papers

2,391  
citations

236612

25  
h-index

264894

42  
g-index

123  
all docs

123  
docs citations

123  
times ranked

3315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crocus sativus L.: A comprehensive review. <i>Pharmacognosy Reviews</i> , 2010, 4, 200.	0.7	224
2	Zinc: The Metal of Life. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2014, 13, 358-376.	5.9	124
3	Wound healing applications of sericin/chitosan-capped silver nanoparticles incorporated hydrogel. <i>Drug Delivery and Translational Research</i> , 2017, 7, 77-88.	3.0	109
4	Hyaluronic Acid Decorated Naringenin Nanoparticles: Appraisal of Chemopreventive and Curative Potential for Lung Cancer. <i>Pharmaceutics</i> , 2018, 10, 33.	2.0	93
5	Rutin attenuates intestinal toxicity induced by Methotrexate linked with anti-oxidative and anti-inflammatory effects. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 99.	3.7	80
6	Phytochemistry, Pharmacology and Toxicology of <i>Spilanthes acmella</i> : A Review. <i>Advances in Pharmacological Sciences</i> , 2013, 2013, 1-9.	3.7	72
7	Rheological studies on solid lipid nanoparticle based carbopol gels of aceclofenac. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 293-298.	2.5	60
8	Development of cellulosic polymer based gel of novel ternary mixture of miconazole nitrate for buccal delivery. <i>Carbohydrate Polymers</i> , 2014, 103, 126-133.	5.1	60
9	Herbs "Are they Safe Enough? An Overview. <i>Critical Reviews in Food Science and Nutrition</i> , 2012, 52, 876-898.	5.4	56
10	Fullerenes: From Carbon to Nanomedicine. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 662-677.	1.1	55
11	SLN approach for nose-to-brain delivery of alprazolam. <i>Drug Delivery and Translational Research</i> , 2012, 2, 498-507.	3.0	52
12	Intranasal Delivery of Chitosan Nanoparticles for Migraine Therapy. <i>Scientia Pharmaceutica</i> , 2013, 81, 843-854.	0.7	52
13	Novel genipin crosslinked atorvastatin loaded sericin nanoparticles for their enhanced antihyperlipidemic activity. <i>Materials Science and Engineering C</i> , 2016, 69, 967-976.	3.8	52
14	Carbon Nanotropes: A Contemporary Paradigm in Drug Delivery. <i>Materials</i> , 2015, 8, 3068-3100.	1.3	49
15	A synergistic approach for management of lung carcinoma through folic acid functionalized co-therapy of capsaicin and gefitinib nanoparticles: Enhanced apoptosis and metalloproteinase-9 down-regulation. <i>Phytomedicine</i> , 2019, 53, 107-123.	2.3	33
16	Development and evaluation of ultra-small nanostructured lipid carriers: novel topical delivery system for athlete's foot. <i>Drug Delivery and Translational Research</i> , 2016, 6, 38-47.	3.0	32
17	DuCLOX-2/5 inhibition: a promising target for cancer chemoprevention. <i>Breast Cancer</i> , 2017, 24, 180-190.	1.3	31
18	Glyceryl Behenate and Its Suitability for Production of Aceclofenac Solid Lipid Nanoparticles. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2011, 88, 119-126.	0.8	27

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19	Antidiabetic effects of isolated sterols from <i>Ficus racemosa</i> leaves. <i>RSC Advances</i> , 2015, 5, 35230-35237.	1.7	27
20	Process optimization and photostability of silymarin nanostructured lipid carriers: effect on UV-irradiated rat skin and SK-MEL 2 cell line. <i>Drug Delivery and Translational Research</i> , 2016, 6, 597-609.	3.0	26
21	Dextrose modified bilosomes for peroral delivery: improved therapeutic potential and stability of silymarin in diethylnitrosamine-induced hepatic carcinoma in rats. <i>Journal of Liposome Research</i> , 2019, 29, 251-263.	1.5	26
22	Properties and formulation of oral drug delivery systems of protein and peptides. <i>Indian Journal of Pharmaceutical Sciences</i> , 2007, 69, 741.	1.0	26
23	Glyceryl monostearate based nanoparticles of mefenamic acid: Fabrication and in vitro characterization. <i>Drug Invention Today (discontinued)</i> , 2013, 5, 246-250.	0.6	25
24	Oral delivery of allopurinol niosomes in treatment of gout in animal model. <i>Journal of Liposome Research</i> , 2017, 27, 130-138.	1.5	25
25	Transdermal potential and anti-gout efficacy of Febuxostat from niosomal gel. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 348-361.	1.4	25
26	Synthesis of pH-sensitive crosslinked guar gum-g-poly(acrylic acid-co-acrylonitrile) for the delivery of thymoquinone against inflammation. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1218-1228.	3.6	25
27	Prolyl hydroxylase mediated inhibition of fatty acid synthase to combat tumor growth in mammary gland carcinoma. <i>Breast Cancer</i> , 2016, 23, 820-829.	1.3	24
28	Comparative efficacy of alpha-linolenic acid and gamma-linolenic acid to attenuate valproic acid-induced autism-like features. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 187-198.	1.3	24
29	Rifaximin, a pregnane X receptor (PXR) activator regulates apoptosis in a murine model of breast cancer. <i>RSC Advances</i> , 2018, 8, 3512-3521.	1.7	22
30	Sericin: A Versatile Protein Biopolymer with Therapeutic Significance. <i>Current Pharmaceutical Design</i> , 2020, 26, 5414-5429.	0.9	21
31	Evaluation of gatifloxacin pluronic micelles and development of its formulation for ocular delivery. <i>Drug Delivery and Translational Research</i> , 2014, 4, 334-343.	3.0	20
32	Redefining the role of peripheral LPS as a neuroinflammatory agent and evaluating the role of hydrogen sulphide through metformin intervention. <i>Inflammopharmacology</i> , 2016, 24, 253-264.	1.9	20
33	Sucrose stearate as a biosurfactant for development of rivastigmine containing nanostructured lipid carriers and assessment of its activity against dementia in <i>C. elegans</i> model. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 219-226.	1.4	20
34	Effect of enteral administration of $\gamma$ -linolenic acid and linoleic acid against methotrexate induced intestinal toxicity in albino rats. <i>RSC Advances</i> , 2014, 4, 60397-60403.	1.7	19
35	Enhanced apoptosis, survivin down-regulation and assisted immunochemotherapy by curcumin loaded amphiphilic mixed micelles for subjugating endometrial cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1953-1963.	1.7	19
36	Fabrication and in vitro characterization of polymeric nanoparticles for Parkinson's therapy: a novel approach. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 869-876.	1.2	17

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37	Palonosetron attenuates 1,2-dimethyl hydrazine induced preneoplastic colon damage through downregulating acetylcholinesterase expression and up-regulating synaptic acetylcholine concentration. RSC Advances, 2016, 6, 40527-40538.	1.7	17
38	QbD-based development of $\hat{\pm}$ -linolenic acid potentiated nanoemulsion for targeted delivery of doxorubicin in DMBA-induced mammary gland carcinoma: in vitro and in vivo evaluation. Drug Delivery and Translational Research, 2018, 8, 1313-1334.	3.0	17
39	Assessments of <i>in vitro</i> and <i>in vivo</i> antineoplastic potentials of $\hat{2}$ -sitosterol-loaded PEGylated niosomes against hepatocellular carcinoma. Journal of Liposome Research, 2021, 31, 304-315.	1.5	17
40	Fabrication of Imatinib Mesylate-Loaded Lactoferrin-Modified PEGylated Liquid Crystalline Nanoparticles for Mitochondrial-Dependent Apoptosis in Hepatocellular Carcinoma. Molecular Pharmaceutics, 2021, 18, 1102-1120.	2.3	17
41	Recent Findings on Thymoquinone and Its Applications as a Nanocarrier for the Treatment of Cancer and Rheumatoid Arthritis. Pharmaceutics, 2021, 13, 775.	2.0	17
42	Effect of rutin against gastric esophageal reflux in experimental animals. Toxicology Mechanisms and Methods, 2014, 24, 666-671.	1.3	16
43	Evaluation of a Polymer-Lipid-Polymer System Utilising Hybrid Nanoparticles of Dapsone as a Novel Antiacne Agent. Current Drug Therapy, 2016, 11, 86-100.	0.2	16
44	Genipin crosslinked soy-whey based bioactive material for atorvastatin loaded nanoparticles: preparation, characterization and in vivo antihyperlipidemic study. RSC Advances, 2016, 6, 93275-93287.	1.7	16
45	Synthesis of fast swelling superporous hydrogel: effect of concentration of crosslinker and acidisol on swelling ratio and mechanical strength.. International Journal of Drug Delivery, 2010, 2, 135-140.	0.2	16
46	Pioglitazone Loaded Vesicular Carriers for Anti-Diabetic Activity: Development and Optimization as Per Central Composite Design. Journal of Pharmaceutical Sciences and Pharmacology, 2015, 2, 11-20.	0.2	15
47	Assessment of improved buccal permeation and bioavailability of felodipine microemulsion-based cross-linked polycarbophil gel. Drug Delivery and Translational Research, 2018, 8, 591-601.	3.0	15
48	Tamanu oil potentiated novel sericin emulgel of levocetirizine: repurposing for topical delivery against DNCB-induced atopic dermatitis, QbD based development and <i>in vivo</i> evaluation. Journal of Microencapsulation, 2019, 36, 432-446.	1.2	15
49	Effect of standardized fruit extract of Luffa cylindrica on oxidative stress markers in hydrogen peroxide induced cataract. Indian Journal of Pharmacology, 2015, 47, 644.	0.4	15
50	Effect of <i>Perilla frutescens</i> Fixed Oil on Experimental Esophagitis in Albino Wistar Rats. BioMed Research International, 2013, 2013, 1-6.	0.9	14
51	Solubility enhancement of miconazole nitrate: binary and ternary mixture approach. Drug Development and Industrial Pharmacy, 2014, 40, 1021-1029.	0.9	14
52	Combination therapy of gamma-aminobutyric acid derivative promotes proton pump inhibitor based healing of reflux esophagitis in animal model. Pharmacological Reports, 2014, 66, 165-168.	1.5	14
53	Development of an $\hat{\pm}$ -linolenic acid containing soft nanocarrier for oral delivery: in vitro and in vivo evaluation. RSC Advances, 2016, 6, 77590-77602.	1.7	14
54	Development and evaluation of anti-malarial bio-conjugates: artesunate-loaded nanoerythrocytes. Drug Delivery and Translational Research, 2015, 5, 489-497.	3.0	13

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55	Augmented bioavailability of felodipine through an $\hat{\pm}$ -linolenic acid-based microemulsion. <i>Drug Delivery and Translational Research</i> , 2018, 8, 204-225.	3.0	13
56	Fabrication and Evaluation of Tinidazole Microbeads for Colon Targeting. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S197-S201.	0.5	12
57	Photochemical toxicity of drugs intended for ocular use. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2014, 65, 157-167.	0.4	12
58	Urate crystal degradation for treatment of gout: a nanoparticulate combination therapy approach. <i>Drug Delivery and Translational Research</i> , 2015, 5, 219-230.	3.0	12
59	Design of topical nanostructured lipid carrier of silymarin and its effect on 7,12-dimethylbenz[a]anthracene (DMBA) induced cellular differentiation in mouse skin. <i>RSC Advances</i> , 2016, 6, 84965-84977.	1.7	12
60	Colloidal Vesicular System of Inositol Hexaphosphate to Counteract DMBA Induced Dysregulation of Markers Pertaining to Cellular Proliferation/Differentiation and Inflammation of Epidermal Layer in Mouse Model. <i>Molecular Pharmaceutics</i> , 2017, 14, 928-939.	2.3	12
61	In vitro and in silico molecular interaction of multiphase nanoparticles containing inositol hexaphosphate and jacalin: Therapeutic potential against colon cancer cells (HCT $\hat{\pm}$ 15). <i>Journal of Cellular Physiology</i> , 2019, 234, 15527-15536.	2.0	12
62	A Comparative Study of Levocetirizine Loaded Vesicular and Matrix Type System for Topical Application: Appraisal of Therapeutic Potential against Atopic Dermatitis. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 469-480.	1.1	12
63	Appraisal of Nano-Lipidic Astaxanthin cum Thermoreversible Gel and its Efficacy in Haloperidol Induced Parkinsonism. <i>Current Drug Delivery</i> , 2021, 18, 1550-1562.	0.8	12
64	Formulation and characterization of a novel pH-triggered <i>in-situ</i> gelling ocular system containing Gatifloxacin. <i>International Current Pharmaceutical Journal</i> , 2012, 1, 43-49.	0.2	11
65	Lipid Nanoformulations for Oral Delivery of Bioactives: An Overview. <i>Current Drug Therapy</i> , 2014, 9, 35-46.	0.2	11
66	Alpha-linolenic acid based nano-suspension protect against lipopolysaccharides induced mastitis by inhibiting NF $\hat{\pm}$ Bp65, HIF-1 $\hat{\pm}$ , and mitochondria-mediated apoptotic pathway in albino Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2019, 377, 114628.	1.3	11
67	Flavonoids as Potential Therapeutic Agents for the Management of Diabetic Neuropathy. <i>Current Pharmaceutical Design</i> , 2020, 26, 5468-5487.	0.9	11
68	Pectin-encrusted gold nanocomposites containing phytic acid and jacalin: 1,2-dimethylhydrazine-induced colon carcinogenesis in Wistar rats, PI3K/Akt, COX-2, and serum metabolomics as potential targets. <i>Drug Delivery and Translational Research</i> , 2019, 9, 53-65.	3.0	10
69	CNS Activity of Aqueous Extract of Root of <i>Cissus Quadrangularis</i> Linn. (Vitaceae). <i>Journal of Dietary Supplements</i> , 2010, 7, 1-8.	1.4	9
70	Comparison between antioxidant activity of 2,5-disubstituted 1,3,4-oxadiazoles containing heteroaromatic ring and aromatic ring at 2nd position. <i>Medicinal Chemistry Research</i> , 2011, 20, 1650-1655.	1.1	9
71	Development and Characterization of Nanostructured Lipid Carriers of <i>Vetiveria zizanoides</i> Oil for Therapeutic Potential in Prickly Heat Treatment. <i>Journal of Pharmaceutical Sciences and Pharmacology</i> , 2015, 2, 162-171.	0.2	9
72	Efficacy of variable dosage of aspirin in combating methotrexate-induced intestinal toxicity. <i>RSC Advances</i> , 2015, 5, 9354-9360.	1.7	9

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73	Œ-3 Fatty Acid Synergized Novel Nanoemulsifying System for Rosuvastatin Delivery: In Vitro and In Vivo Evaluation. AAPS PharmSciTech, 2018, 19, 1205-1218.	1.5	9
74	Appraisal of anti-gout potential of colchicine-loaded chitosan nanoparticle gel in uric acid-induced gout animal model. Archives of Physiology and Biochemistry, 2022, 128, 547-557.	1.0	9
75	Augmented Therapeutic Efficacy of Naringenin Through Microemulsion-Loaded Sericin Gel Against UVB-Induced Photoaging. AAPS PharmSciTech, 2020, 21, 215.	1.5	9
76	Curcumin loaded sericin nanoparticles: Assessment for biomedical application. Food Hydrocolloids for Health, 2021, 1, 100029.	1.6	9
77	Topical Delivery of Fluconazole via Microemulsion Incorporated Hydrogel for the Management of Fungal Dermatophytosis. Current Drug Therapy, 2016, 11, 129-141.	0.2	8
78	Biotin anchored nanostructured lipid carriers for targeted delivery of doxorubicin in management of mammary gland carcinoma through regulation of apoptotic modulator. Journal of Liposome Research, 2020, 30, 21-36.	1.5	8
79	In situ gel of lamotrigine for augmented brain delivery: development characterization and pharmacokinetic evaluation. Journal of Pharmaceutical Investigation, 2020, 50, 95-105.	2.7	8
80	Molecular docking analysis and antidiabetic activity of Rifabutin against STZ-NA induced diabetes in albino wistar rats. Beni-Suef University Journal of Basic and Applied Sciences, 2017, 6, 269-284.	0.8	7
81	Assessment of hyaluronic acid-modified imatinib mesylate cubosomes through CD44 targeted drug delivery in NDEA-induced hepatic carcinoma. International Journal of Pharmaceutics, 2022, 622, 121848.	2.6	7
82	Preclinical appraisal of terbutaline analogues in precipitation of autism spectrum disorder. RSC Advances, 2015, 5, 39003-39011.	1.7	6
83	Optimization of Inositol Hexaphosphate Colon Targeted Formulation for Anticarcinogenic Marker Modulation. AAPS PharmSciTech, 2019, 20, 319.	1.5	6
84	Appraisal of fluoroquinolone-loaded carubinose-linked hybrid nanoparticles for glycotargeting to alveolar macrophages. Drug Delivery and Translational Research, 2022, 12, 1640-1658.	3.0	6
85	Preparation and characterization of Domperidone-Œ-cyclodextrin complexes prepared by kneading method.. International Journal of Advances in Pharmaceutical Sciences, 2010, 1, 68-74.	1.1	6
86	In vitro anti-cataract evaluation of standardised Abies pindrow leaf extract using isolated goat lenses. Natural Product Research, 2015, 29, 1145-1148.	1.0	5
87	Development of an Œ-linolenic acid containing a soft nanocarrier for oral delivery-part II: buccoadhesive gel. RSC Advances, 2016, 6, 101602-101612.	1.7	5
88	Effect of palonosetron (5HT-3 antagonist) and pantoprazole (proton pump inhibitor) against surgical esophagitis induced by forestomach and pylorus ligation in albino rats. Human and Experimental Toxicology, 2016, 35, 41-50.	1.1	5
89	Inhalable hybrid nanocarriers for respiratory disorders. , 2020, , 281-302.		5
90	Cefoperazone sodium impregnated polycaprolactone composite implant for osteomyelitis. Indian Journal of Pharmaceutical Sciences, 2009, 71, 377.	1.0	5

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91	Effect of <i>Basella rubra</i> L. leaf extract on haematological parameters and amylase activity. <i>Pharmacognosy Communications</i> , 2012, 2, 10-13.	0.4	5
92	TLC Detection of $\hat{I}^2$ -sitosterol in <i>Michelia champaca</i> L. Leaves and Stem Bark and it's Determination by HPTLC. <i>Pharmacognosy Journal</i> , 2012, 4, 45-55.	0.3	4
93	Fabrication of cefuroxime-impregnated calcium sulfate: Polycaprolactone composite implant for osteomyelitis. <i>Asian Journal of Pharmaceutics (discontinued)</i> , 2009, 3, 227.	0.4	3
94	Pharmacognostic and HPTLC studies on <i>Diospyros montana</i> R. (Ebenaceae). <i>Pharmacognosy Journal</i> , 2011, 3, 52-62.	0.3	3
95	Credible Protein Targets and Curative Strategies for COVID-19: a Review. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2067-2076.	0.3	3
96	Gelatin-based nanomaterials in drug delivery and biomedical applications. , 2021, , 407-426.		3
97	Cutting Edge Targeting Strategies Utilizing Nanotechnology in Breast Cancer Therapy. <i>Frontiers in Anti-cancer Drug Discovery</i> , 2019, , 180-228.	0.1	3
98	Design and Development of Resveratrol NLCs and their Role in Synaptic Transmission of Acetylcholine in <i>C. elegans</i> Model. <i>Current Drug Therapy</i> , 2017, 12, .	0.2	3
99	Fabrication and Evaluation of Colon Targeted Uricase Containing Microbeads for Treatment of Gout. <i>Drug Delivery Letters</i> , 2013, 3, 47-53.	0.2	2
100	QUANTIFICATION USING ULTRAVIOLET SPECTROSCOPY METHOD AND IN VITRO STABILITY STUDY OF NANOVESICULAR SYSTEM CONTAINING PHYTIC ACID. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 374.	0.3	2
101	Advanced drug delivery systems in breast cancer. , 2021, , 107-126.		2
102	Soyabean powder as a novel diluent in tablet formulation of simvastatin. <i>Indian Journal of Pharmaceutical Sciences</i> , 2010, 72, 426.	1.0	2
103	Procognitive Effects of Hexane Extracts of <i>Michelia Champaca</i> Leaves in Normal and Memory Deficit Mice. <i>Pharmacognosy Communications</i> , 2011, 1, 30-36.	0.4	2
104	Green Nanoparticle Strategies: Utilizing Excipients Sourced from Nature. <i>Journal of Nanopharmaceutics and Drug Delivery</i> , 2014, 2, 169-191.	0.3	2
105	Evaluation of Factors Affecting Uricase Production by the Screened Wild/Natural Microbes. <i>E-Journal of Chemistry</i> , 2012, 9, 2287-2296.	0.4	1
106	Surface modification of poly (l-lactic acid) microspheres for site-specific delivery of ketoprofen for chronic inflammatory disease. <i>Journal of Drug Targeting</i> , 2013, 21, 232-239.	2.1	1
107	Appraisal of Felodipine nanocrystals for solubility enhancement and pharmacodynamic parameters on cadmium chloride induced hypertension in rats.. <i>Current Drug Delivery</i> , 2021, 18, .	0.8	1
108	Recent Developments and Challenges in Nanoformulations Targeting Various Ailments of the Colon. , 2020, , 133-167.		1

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109	Predictive Toxicology in Drug Safety. Drug and Alcohol Review, 2012, 31, 359-360.	1.1	0
110	An Assessment of In-vitro and In-vivo Evaluation Methods for Theranostic Nanomaterials. Current Pharmaceutical Design, 2022, 28, 78-90.	0.9	0
111	Formulation and Evaluation of Solid Lipid Nanoparticulate Gel for Antiacne Therapy. Special Publication - Royal Society of Chemistry, 2012, , 150-159.	0.0	0
112	Antihepatotoxic Potential of Citrullus colocynthis Root Extract, Fractions and Isolated Compounds. Journal of Pharmaceutical Technology Research and Management, 2014, 2, 137-143.	0.3	0
113	Optimized Formulation of Colon Targeted Microspheres for Prednisolone Sodium Phosphate: Application of Taguchi Experimental Design. International Journal of Science, Technology and Society, 2016, 1, .	0.2	0
114	Development of doxorubicin hydrochloride-loaded whey protein nanoparticles and its surface modification with N-acetyl cysteine for triple-negative breast cancer. Drug Delivery and Translational Research, 2022, , .	3.0	0