

Teerapol Srichana

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

106 papers	2,881 citations	29 h-index	51 g-index
110 ext. papers	3,305 ext. citations	4 avg, IF	5.26 L-index

#	Paper	IF	Citations
106	The effect of sericin from various extraction methods on cell viability and collagen production. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 2200-11	6.3	183
105	Potential applications of silk sericin, a natural protein from textile industry by-products. <i>Waste Management and Research</i> , 2012 , 30, 217-24	4	166
104	Monitoring of inflammatory mediators induced by silk sericin. <i>Journal of Bioscience and Bioengineering</i> , 2009 , 107, 556-61	3.3	160
103	Formulation and characterization of silk sericin-PVA scaffold crosslinked with genipin. <i>International Journal of Biological Macromolecules</i> , 2010 , 47, 668-75	7.9	116
102	The properties and stability of anthocyanins in mulberry fruits. <i>Food Research International</i> , 2010 , 43, 1093-1097	7	95
101	Dry powder inhalers: the influence of device resistance and powder formulation on drug and lactose deposition in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 1998 , 7, 73-80	5.1	93
100	Development of a pH-responsive drug delivery system for enantioselective-controlled delivery of racemic drugs. <i>Journal of Controlled Release</i> , 2010 , 142, 122-31	11.7	91
99	Composite membrane of bacterially-derived cellulose and molecularly imprinted polymer for use as a transdermal enantioselective controlled-release system of racemic propranolol. <i>Journal of Controlled Release</i> , 2006 , 113, 43-56	11.7	90
98	Silk sericin ameliorates wound healing and its clinical efficacy in burn wounds. <i>Archives of Dermatological Research</i> , 2013 , 305, 585-94	3.3	85
97	Properties and antityrosinase activity of sericin from various extraction methods. <i>Biotechnology and Applied Biochemistry</i> , 2010 , 55, 91-8	2.8	85
96	Development of a reservoir-type transdermal enantioselective-controlled delivery system for racemic propranolol using a molecularly imprinted polymer composite membrane. <i>Journal of Controlled Release</i> , 2008 , 129, 170-8	11.7	85
95	The effect of sericin with variable amino-acid content from different silk strains on the production of collagen and nitric oxide. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009 , 20, 1295-306	3.5	84
94	Isoniazid proliposome powders for inhalation-preparation, characterization and cell culture studies. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 4414-34	6.3	78
93	In vitro probiotic properties of <i>Lactobacillus fermentum</i> SK5 isolated from vagina of a healthy woman. <i>Anaerobe</i> , 2013 , 22, 6-13	2.8	77
92	Evaluation of the wound healing potential of <i>Wedelia trilobata</i> (L.) leaves. <i>Journal of Ethnopharmacology</i> , 2012 , 141, 817-24	5	75
91	Physicochemical characterization and stability of rifampicin liposome dry powder formulations for inhalation. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 628-39	3.9	70
90	Evaluation of matrices containing molecularly imprinted polymers in the enantioselective-controlled delivery of beta-blockers. <i>Journal of Controlled Release</i> , 2000 , 66, 135-47	11.7	63

89	Inhaled pyrazinamide proliposome for targeting alveolar macrophages. <i>Drug Delivery</i> , 2012 , 19, 334-45	7	52
88	Enantioselective release of controlled delivery granules based on molecularly imprinted polymers. <i>Drug Delivery</i> , 2002 , 9, 19-30	7	52
87	The effect of sterilization methods on the physical properties of silk sericin scaffolds. <i>AAPS PharmSciTech</i> , 2011 , 12, 771-81	3.9	49
86	Chiral determination of various adrenergic drugs by thin-layer chromatography using molecularly imprinted chiral stationary phases prepared with alpha-agonists. <i>Analyst, The</i> , 1999 , 124, 1003-9	5	48
85	In vitro evaluation of the antimicrobial effectiveness and moisture binding properties of wound dressings. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 2864-74	6.3	44
84	Levofloxacin-proliposomes: opportunities for use in lung tuberculosis. <i>Pharmaceutics</i> , 2012 , 4, 385-412	6.4	43
83	Accelerated healing of full-thickness wounds by genipin-crosslinked silk sericin/PVA scaffolds. <i>Cells Tissues Organs</i> , 2013 , 197, 224-38	2.1	43
82	A comparative study of type A and type B gelatin nanoparticles as the controlled release carriers for different model compounds. <i>Materials Express</i> , 2015 , 5, 241-248	1.3	39
81	Synthesis and evaluation of sodium deoxycholate sulfate as a lipid drug carrier to enhance the solubility, stability and safety of an amphotericin B inhalation formulation. <i>International Journal of Pharmaceutics</i> , 2014 , 471, 430-8	6.5	32
80	Monitoring safety of liposomes containing rifampicin on respiratory cell lines and in vitro efficacy against Mycobacterium bovis in alveolar macrophages. <i>Journal of Drug Targeting</i> , 2009 , 17, 751-62	5.4	32
79	Development of trichloroacetic acid sensor based on molecularly imprinted polymer membrane for the screening of complex mixture of haloacetic acids in drinking water. <i>Analytica Chimica Acta</i> , 2004 , 504, 89-100	6.6	32
78	Antibacterial activity of a bacteriocin from Lactobacillus paracasei HL32 against Porphyromonas gingivalis. <i>Archives of Oral Biology</i> , 2006 , 51, 784-93	2.8	31
77	Wound healing activity of ent-kaura-9(11),16-dien-19-oic acid isolated from Wedelia trilobata (L.) leaves. <i>Phytomedicine</i> , 2012 , 19, 1178-84	6.5	29
76	Use of molecularly imprinted polymers from a mixture of tetracycline and its degradation products to produce affinity membranes for the removal of tetracycline from water. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 191-200	3.2	29
75	Effectiveness of inflammatory cytokines induced by sericin compared to sericin in combination with silver sulfadiazine cream on wound healing. <i>Wounds</i> , 2009 , 21, 198-206	0.8	27
74	Toxicity evaluation of cordycepin and its delivery system for sustained in vitro anti-lung cancer activity. <i>Nanoscale Research Letters</i> , 2015 , 10, 152	5	25
73	Rhodomymrtone as a potential anti-proliferative and apoptosis inducing agent in HaCaT keratinocyte cells. <i>European Journal of Pharmacology</i> , 2016 , 772, 144-51	5.3	24
72	Nano spray-dried pyrazinamide-L-leucine dry powders, physical properties and feasibility used as dry powder aerosols. <i>Pharmaceutical Development and Technology</i> , 2016 , 21, 68-75	3.4	23

71	Sildenafil citrate monohydrate-cyclodextrin nanosuspension complexes for use in metered-dose inhalers. <i>International Journal of Pharmaceutics</i> , 2013 , 455, 248-58	6.5	23
70	Preliminary characterization of genipin-cross-linked silk sericin/poly(vinyl alcohol) films as two-dimensional wound dressings for the healing of superficial wounds. <i>BioMed Research International</i> , 2013 , 2013, 904314	3	23
69	Budesonide dry powder for inhalation: effects of leucine and mannitol on the efficiency of delivery. <i>Drug Delivery</i> , 2014 , 21, 397-405	7	22
68	Evaluation of the topical spray containing Centella asiatica extract and its efficacy on excision wounds in rats. <i>Acta Pharmaceutica</i> , 2016 , 66, 233-44	3.2	19
67	The study of in vitro-in vivo correlation: pharmacokinetics and pharmacodynamics of albuterol dry powder inhalers. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 220-30	3.9	19
66	Formulation Development of Albendazole-Loaded Self-Microemulsifying Chewable Tablets to Enhance Dissolution and Bioavailability. <i>Pharmaceutics</i> , 2019 , 11,	6.4	18
65	Bioactivity and toxicity studies of amphotericin B incorporated in liquid crystals. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 43, 308-17	5.1	18
64	The development of dimple-shaped chitosan carrier for ethambutol dihydrochloride dry powder inhaler. <i>Drug Development and Industrial Pharmacy</i> , 2015 , 41, 791-800	3.6	17
63	Development of a topical mupirocin spray for antibacterial and wound-healing applications. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1715-1728	3.6	15
62	Oral spray containing plant-derived compounds is effective against common oral pathogens. <i>Archives of Oral Biology</i> , 2018 , 90, 80-85	2.8	15
61	Evaluation of sildenafil pressurized metered dose inhalers as a vasodilator in umbilical blood vessels of chicken egg embryos. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 86, 90-75.7	5.7	13
60	Biomolecular interactions of amphotericin B nanomicelles with serum albumins: A combined biophysical and molecular docking approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 205, 442-456	4.4	12
59	Enhanced dissolution of sildenafil citrate as dry foam tablets. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1-11	3.4	12
58	Bioactivity, Safety, and Efficacy of Amphotericin B Nanomicellar Aerosols Using Sodium Deoxycholate Sulfate as the Lipid Carrier. <i>AAPS PharmSciTech</i> , 2018 , 19, 2077-2086	3.9	11
57	The comparison of fluid dynamics parameters in an Andersen cascade impactor equipped with and without a preseparator. <i>AAPS PharmSciTech</i> , 2014 , 15, 792-801	3.9	11
56	The safety of ethambutol dihydrochloride dry powder formulations containing chitosan for the possibility of treating lung tuberculosis. <i>Inhalation Toxicology</i> , 2014 , 26, 908-17	2.7	11
55	Anti-inflammatory Potential of Silk Sericin. <i>Natural Product Communications</i> , 2013 , 8, 1934578X13008000.9	0.9	11
54	A thalidomide templated molecularly imprinted polymer that promotes a biologically active chiral entity tagged in colon carcinoma cells and protein-related immune activation. <i>Process Biochemistry</i> , 2015 , 50, 2035-2050	4.8	10

53	Superior physicochemical and biological properties of poly(vinyl alcohol)/sericin hydrogels fabricated by a non-toxic gamma-irradiation technique. <i>Journal of Bioactive and Compatible Polymers</i> , 2017 , 32, 32-44	2	10
52	Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
51	Evaluation of Proinflammatory Cytokines and Adverse Events in Healthy Volunteers upon Inhalation of Antituberculosis Drugs. <i>Biological and Pharmaceutical Bulletin</i> , 2016 , 39, 1815-1822	2.3	10
50	Evidences for salbutamol metabolism by respiratory and liver cell lines. <i>Drug Metabolism and Pharmacokinetics</i> , 2017 , 32, 127-134	2.2	9
49	Preliminary studies on the hydrolytic degradation and biocompatibility of poly(3-allyloxy-1,2-propylene succinate). <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010 , 21, 691-700	3.5	9
48	Why sildenafil and sildenafil citrate monohydrate crystals are not stable?. <i>Saudi Pharmaceutical Journal</i> , 2015 , 23, 504-14	4.4	8
47	Montelukast nasal spray: formulation development and in vitro evaluation. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 494-503	3.4	8
46	Binding interactions of bacterial lipopolysaccharides to polymyxin B in an amphiphilic carrier Sodium deoxycholate sulfateS <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 182, 110374	6	8
45	Effect of turbulent kinetic energy on dry powder inhaler performance. <i>Powder Technology</i> , 2014 , 267, 381-391	5.2	8
44	Pharmacologically Safe Nanomicelles of Amphotericin B With Lipids: Nuclear Magnetic Resonance and Molecular Docking Approach. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 3574-3582	3.9	8
43	Novel antimicrobial peptide specifically active against <i>Porphyromonas gingivalis</i> . <i>Archives of Microbiology</i> , 2015 , 197, 899-909	3	8
42	A study of drug-carrier interactions in dry powder inhaler formulations using the Andersen cascade impactor, X-ray microanalysis and time of flight aerosol beam spectrometry (TOFABS). <i>Chemical and Pharmaceutical Bulletin</i> , 2000 , 48, 167-74	1.9	8
41	. <i>ScienceAsia</i> , 2011 , 37, 31	1.4	8
40	Quantitative analysis of povidone-iodine thin films by X-ray photoelectron spectroscopy and their physicochemical properties. <i>Acta Pharmaceutica</i> , 2017 , 67, 169-186	3.2	7
39	Physicochemical properties and antifungal activity of amphotericin B incorporated in cholesteryl carbonate esters. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 1727-35	3.9	7
38	Factors Affecting Enhanced Permeation of Amphotericin B Across Cell Membranes and Safety of Formulation. <i>AAPS PharmSciTech</i> , 2016 , 17, 820-8	3.9	6
37	Computer-aided design of dry powder inhalers using computational fluid dynamics to assess performance. <i>Pharmaceutical Development and Technology</i> , 2016 , 21, 54-60	3.4	6
36	Phase behavior, in vitro drug release, and antibacterial activity of thermoresponsive poloxamer/polyvinyl alcohol hydrogel-loaded mupirocin nanoparticles. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49325	2.9	6

35	Anti-biofilm properties of a mupirocin spray formulation against Escherichia coli wound infections. <i>Biofouling</i> , 2017 , 33, 591-600	3.3	6
34	An Anti-Cancer Cordycepin Produced by Cordyceps militaris Growing on the Dead Larva of Bombyx mori Silkworm. <i>Journal of Agricultural Science</i> , 2014 , 6,	1	6
33	Physicochemical performances of indomethacin in cholesteryl cetyl carbonate liquid crystal as a transdermal dosage. <i>AAPS PharmSciTech</i> , 2012 , 13, 513-21	3.9	6
32	Phase behavior of rifampicin in cholesterol-based liquid crystals and polyethylene glycol. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 804-12	5.1	6
31	Polymeric Biomaterials 2009 , 83-119		6
30	The correlation of urinary levels of albuterol and its metabolites isomers following inhalation from a dry powder inhaler and in vitro particle size characterisation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2007 , 20, 36-45	3.5	6
29	Factors affecting the stability and performance of ipratropium bromide; fenoterol hydrobromide pressurized-metered dose inhalers. <i>AAPS PharmSciTech</i> , 2013 , 14, 1294-302	3.9	5
28	Thermotropic behavior of sodium cholesteryl carbonate. <i>Journal of Materials Research</i> , 2009 , 24, 156-163.	3.5	5
27	Dental floss impregnated with povidone-iodine coated with Eudragit L-100 as an antimicrobial delivery system against periodontal-associated pathogens. <i>Journal of Medical Microbiology</i> , 2020 , 69, 298-308	3.2	5
26	Development of nanodispersion-based sildenafil metered-dose inhalers stabilized by poloxamer 188: a potential candidate for the treatment of pulmonary arterial hypertension. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1218-1228	3.4	4
25	Development of a Sildenafil Citrate Microemulsion-Loaded Hydrogel as a Potential System for Drug Delivery to the Penis and Its Cellular Metabolic Mechanism. <i>Pharmaceutics</i> , 2020 , 12,	6.4	4
24	Potential of sodium deoxycholate sulfate as a carrier for polymyxin B: Physicochemical properties, bioactivity and in vitro safety. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 58, 101779	4.5	4
23	Enhanced dissolution of sildenafil dry foam tablets. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016 , 11, 191-192	9	4
22	A Critical Review on Emerging Trends in Dry Powder Inhaler Formulation for the Treatment of Pulmonary Aspergillosis. <i>Pharmaceutics</i> , 2020 , 12,	6.4	4
21	Efficiency of sildenafil encapsulation in poloxamer micelles. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 1461-1468	1.5	3
20	Formulation development and in-vitro evaluation of montelukast sodium pressurized metered dose inhaler. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 56, 101534	4.5	3
19	Interaction of Amphotericin B with cholesteryl palmityl carbonate ester. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 4593-602	3.9	3
18	An Investigation of the Anti-Inflammatory Potential of Silk Sericin. <i>Advanced Science Letters</i> , 2013 , 19, 3615-3619	0.1	3

17	Studies of L. Latex Spray Formulation for Wound Healing Applications. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020 , 17, 271-279	1.1	3
16	Safety and Biocompatibility of Mupirocin Nanoparticle-Loaded Hydrogel on Burn Wound in Rat Model. <i>Biological and Pharmaceutical Bulletin</i> , 2021 , 44, 1707-1716	2.3	3
15	Biodistribution and histopathology studies of amphotericin B sodium deoxycholate sulfate formulation following intratracheal instillation in rat models. <i>Drug Delivery and Translational Research</i> , 2020 , 10, 59-69	6.2	3
14	Oral bioavailability and pharmacokinetics of sildenafil citrate dry foam tablets in rats. <i>Cogent Medicine</i> , 2018 , 5, 1510821	1.4	3
13	Efficacy and safety of combined isoniazid-rifampicin-pyrazinamide-levofloxacin dry powder inhaler in treatment of pulmonary tuberculosis: A randomized controlled trial. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021 , 70, 102056	3.5	3
12	Effect of sodium deoxycholate sulfate on outer membrane permeability and neutralization of bacterial lipopolysaccharides by polymyxin B formulations. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119265	6.5	2
11	Thermal analysis, structure, spectroscopy and DFT calculations of a pharmaceutical cocrystal of salicylic acid and salicylamide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 1207-1220	4.1	1
10	Clinical equivalence of budesonide dry powder inhaler and pressurized metered dose inhaler. <i>Clinical Respiratory Journal</i> , 2016 , 10, 74-82	1.7	1
9	Host-guest interactions between sildenafil and cyclodextrins: Spectrofluorometric study and molecular dynamic modeling. <i>Journal of Molecular Graphics and Modelling</i> , 2017 , 77, 115-120	2.8	1
8	Original article. Pharmacodynamics of dry powder formulations of salbutamol for delivery by inhalation. <i>Asian Biomedicine</i> , 2011 , 5, 475-483	0.4	1
7	Deposition Pattern of Polydisperse Dry Powders in Andersen Cascade Impactor - Aerodynamic Assessment for Inhalation Experimentally and. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020 , 17, 20-26	1.1	1
6	Mucoadhesive film containing ß-mangostin shows potential role in oral cancer treatment. <i>BMC Oral Health</i> , 2021 , 21, 512	3.7	1
5	Synthesis of Gold Nanoparticles in Cyclodextrin-Tetrachloroaurate System. <i>Nanoscience and Nanotechnology Letters</i> , 2020 , 12, 849-862	0.8	0
4	Antimicrobial and Anti-inflammatory Effects of ßMangostin Soluble Film.. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2022 , 12, 189-198	1.1	0
3	Polyethylene Glycol in Clinical Application and PEGylated Drugs 2011 , 451-493		
2	Stabilization of luteinizing hormone-releasing hormone in a dry powder formulation and its bioactivity. <i>Asian Biomedicine</i> , 2011 , 5, 225-233	0.4	
1	Bioactivity of Mupirocin Nanoparticle-Loaded Hydrogel against Methicillin-Resistant Staphylococcus aureus (MRSA). <i>Applied Microbiology</i> , 2022 , 2, 260-271		