

Teerapol Srichana

List of Publications by Year in Descending Order

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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	Antimicrobial and Anti-inflammatory Effects of Mangostin Soluble Film.. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2022 , 12, 189-198	1.1	0
105	Bioactivity of Mupirocin Nanoparticle-Loaded Hydrogel against Methicillin-Resistant Staphylococcus aureus (MRSA). <i>Applied Microbiology</i> , 2022 , 2, 260-271		
104	Mucoadhesive film containing Mangostin shows potential role in oral cancer treatment. <i>BMC Oral Health</i> , 2021 , 21, 512	3.7	1
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	Studies of L. Latex Spray Formulation for Wound Healing Applications. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020 , 17, 271-279	1.1	3
94	Synthesis of Gold Nanoparticles in Cyclodextrin-Tetrachloroaurate System. <i>Nanoscience and Nanotechnology Letters</i> , 2020 , 12, 849-862	0.8	0
93	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
92	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
91	Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
90	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

89	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
88	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
87	Formulation Development of Albendazole-Loaded Self-Microemulsifying Chewable Tablets to Enhance Dissolution and Bioavailability. <i>Pharmaceutics</i> , 2019 , 11,	6.4	18
86	Efficiency of sildenafil encapsulation in poloxamer micelles. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 1461-1468	1.5	3
85	Montelukast nasal spray: formulation development and in vitro evaluation. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 494-503	3.4	8
84	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
83	Enhanced dissolution of sildenafil citrate as dry foam tablets. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1-11	3.4	12
82	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
81	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
80	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
79	Oral bioavailability and pharmacokinetics of sildenafil citrate dry foam tablets in rats. <i>Cogent Medicine</i> , 2018 , 5, 1510821	1.4	3
78	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
77	Evidences for salbutamol metabolism by respiratory and liver cell lines. <i>Drug Metabolism and Pharmacokinetics</i> , 2017 , 32, 127-134	2.2	9
76	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
75	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
74	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
73	Anti-biofilm properties of a mupirocin spray formulation against Escherichia coli wound infections. <i>Biofouling</i> , 2017 , 33, 591-600	3.3	6
72	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

71	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
70	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
69	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
68	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
67	Clinical equivalence of budesonide dry powder inhaler and pressurized metered dose inhaler. <i>Clinical Respiratory Journal</i> , 2016 , 10, 74-82	1.7	1
66	Rhodomyltone 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
65	Enhanced dissolution of sildenafil dry foam tablets. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016 , 11, 191-192	9	4
64	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
63	Why sildenafil and sildenafil citrate monohydrate crystals are not stable?. <i>Saudi Pharmaceutical Journal</i> , 2015 , 23, 504-14	4.4	8
62	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
61	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
60	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
59	Novel antimicrobial peptide specifically active against Porphyromonas gingivalis. <i>Archives of Microbiology</i> , 2015 , 197, 899-909	3	8
58	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
57	Effect of turbulent kinetic energy on dry powder inhaler performance. <i>Powder Technology</i> , 2014 , 267, 381-391	5.2	8
56	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
55	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
54	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

53	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, 90-7	5.7	13
52	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
51	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
50	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
49	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
48	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
47	In vitro probiotic properties of Lactobacillus fermentum SK5 isolated from vagina of a healthy woman. <i>Anaerobe</i> , 2013 , 22, 6-13	2.8	77
46	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
45	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
44	Anti-inflammatory Potential of Silk Sericin. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	11
43	An Investigation of the Anti-Inflammatory Potential of Silk Sericin. <i>Advanced Science Letters</i> , 2013 , 19, 3615-3619	0.1	3
42	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
41	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
40	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
39	Evaluation of the wound healing potential of Wedelia trilobata (L.) leaves. <i>Journal of Ethnopharmacology</i> , 2012 , 141, 817-24	5	75
38	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
37	Inhaled pyrazinamide proliposome for targeting alveolar macrophages. <i>Drug Delivery</i> , 2012 , 19, 334-45	7	52
36	Levofloxacin-proliposomes: opportunities for use in lung tuberculosis. <i>Pharmaceutics</i> , 2012 , 4, 385-412	6.4	43

35 Polyethylene Glycol in Clinical Application and PEGylated Drugs **2011**, 451-493

34 Original article. Pharmacodynamics of dry powder formulations of salbutamol for delivery by inhalation. *Asian Biomedicine*, **2011**, 5, 475-483 0.4 1

33 Bioactivity and toxicity studies of amphotericin B incorporated in liquid crystals. *European Journal of Pharmaceutical Sciences*, **2011**, 43, 308-17 5.1 18

32 The effect of sterilization methods on the physical properties of silk sericin scaffolds. *AAPS PharmSciTech*, **2011**, 12, 771-81 3.9 49

31 Physicochemical properties and antifungal activity of amphotericin B incorporated in cholesteryl carbonate esters. *Journal of Pharmaceutical Sciences*, **2011**, 100, 1727-35 3.9 7

30 Isoniazid proliposome powders for inhalation-preparation, characterization and cell culture studies. *International Journal of Molecular Sciences*, **2011**, 12, 4414-34 6.3 78

29 . *ScienceAsia*, **2011**, 37, 31 1.4 8

28 Stabilization of luteinizing hormone-releasing hormone in a dry powder formulation and its bioactivity. *Asian Biomedicine*, **2011**, 5, 225-233 0.4

27 In vitro evaluation of the antimicrobial effectiveness and moisture binding properties of wound dressings. *International Journal of Molecular Sciences*, **2010**, 11, 2864-74 6.3 44

26 The effect of sericin from various extraction methods on cell viability and collagen production. *International Journal of Molecular Sciences*, **2010**, 11, 2200-11 6.3 183

25 Preliminary studies on the hydrolytic degradation and biocompatibility of poly(3-allyloxy-1,2-propylene succinate). *Journal of Biomaterials Science, Polymer Edition*, **2010**, 21, 691-700 2.5 9

24 Formulation and characterization of silk sericin-PVA scaffold crosslinked with genipin. *International Journal of Biological Macromolecules*, **2010**, 47, 668-75 7.9 116

23 The properties and stability of anthocyanins in mulberry fruits. *Food Research International*, **2010**, 43, 1093-1097 7 95

22 Properties and antityrosinase activity of sericin from various extraction methods. *Biotechnology and Applied Biochemistry*, **2010**, 55, 91-8 2.8 85

21 Development of a pH-responsive drug delivery system for enantioselective-controlled delivery of racemic drugs. *Journal of Controlled Release*, **2010**, 142, 122-31 11.7 91

20 Interaction of Amphotericin B with cholesteryl palmityl carbonate ester. *Journal of Pharmaceutical Sciences*, **2010**, 99, 4593-602 3.9 3

19 Thermotropic behavior of sodium cholesteryl carbonate. *Journal of Materials Research*, **2009**, 24, 156-163.5 5

18 Monitoring of inflammatory mediators induced by silk sericin. *Journal of Bioscience and Bioengineering*, **2009**, 107, 556-61 3.3 160

17	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
16	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
15	Monitoring safety of liposomes containing rifampicin on respiratory cell lines and in vitro efficacy against <i>Mycobacterium bovis</i> in alveolar macrophages. <i>Journal of Drug Targeting</i> , 2009 , 17, 751-62	5.4	32
14	Polymeric Biomaterials 2009 , 83-119		6
13	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
12	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
11	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
10	Antibacterial activity of a bacteriocin from <i>Lactobacillus paracasei</i> HL32 against <i>Porphyromonas gingivalis</i> . <i>Archives of Oral Biology</i> , 2006 , 51, 784-93	2.8	31
9	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
8	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
7	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
6	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
5	Enantioselective release of controlled delivery granules based on molecularly imprinted polymers. <i>Drug Delivery</i> , 2002 , 9, 19-30	7	52
4	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
3	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
2	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
1	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