

Teerapol Srichana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4680249/publications.pdf>

Version: 2024-02-01

109
papers

3,704
citations

136950

32
h-index

144013

57
g-index

110
all docs

110
docs citations

110
times ranked

4215
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Sericin from Various Extraction Methods on Cell Viability and Collagen Production. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2200-2211.	4.1	234
2	Potential applications of silk sericin, a natural protein from textile industry by-products. <i>Waste Management and Research</i> , 2012, 30, 217-224.	3.9	227
3	Monitoring of inflammatory mediators induced by silk sericin. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 556-561.	2.2	204
4	Formulation and characterization of silk sericin/PVA scaffold crosslinked with genipin. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 668-675.	7.5	130
5	The properties and stability of anthocyanins in mulberry fruits. <i>Food Research International</i> , 2010, 43, 1093-1097.	6.2	130
6	Properties and antityrosinase activity of sericin from various extraction methods. <i>Biotechnology and Applied Biochemistry</i> , 2010, 55, 91-98.	3.1	113
7	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.	4.0	109
8	Silk sericin ameliorates wound healing and its clinical efficacy in burn wounds. <i>Archives of Dermatological Research</i> , 2013, 305, 585-594.	1.9	107
9	Evaluation of the wound healing potential of <i>Wedelia trilobata</i> (L.) leaves. <i>Journal of Ethnopharmacology</i> , 2012, 141, 817-824.	4.1	105
10	Development of a pH-responsive drug delivery system for enantioselective-controlled delivery of racemic drugs. <i>Journal of Controlled Release</i> , 2010, 142, 122-131.	9.9	102
11	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, 1295-1306.	3.5	101
12	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.	9.9	97
13	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, 170-178.	9.9	94
14	In vitro probiotic properties of <i>Lactobacillus fermentum</i> SK5 isolated from vagina of a healthy woman. <i>Anaerobe</i> , 2013, 22, 6-13.	2.1	94
15	Isoniazid Proliposome Powders for Inhalation Preparation, Characterization and Cell Culture Studies. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4414-4434.	4.1	92
16	Physicochemical Characterization and Stability of Rifampicin Liposome Dry Powder Formulations for Inhalation. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 628-639.	3.3	88
17	Evaluation of matrices containing molecularly imprinted polymers in the enantioselective-controlled delivery of 125 I-blockers. <i>Journal of Controlled Release</i> , 2000, 66, 135-147.	9.9	72
18	Inhaled pyrazinamide proliposome for targeting alveolar macrophages. <i>Drug Delivery</i> , 2012, 19, 334-345.	5.7	63

#	ARTICLE	IF	CITATIONS
19	Enantioselective Release of Controlled Delivery Granules Based on Molecularly Imprinted Polymers. Drug Delivery, 2002, 9, 19-30.	5.7	62
20	The Effect of Sterilization Methods on the Physical Properties of Silk Sericin Scaffolds. AAPS PharmSciTech, 2011, 12, 771-781.	3.3	56
21	A comparative study of type A and type B gelatin nanoparticles as the controlled release carriers for different model compounds. Materials Express, 2015, 5, 241-248.	0.5	54
22	Chiral determination of various adrenergic drugs by thin-layer chromatography using molecularly imprinted chiral stationary phases prepared with β -agonists. Analyst, The, 1999, 124, 1003-1009.	3.5	53
23	In Vitro Evaluation of the Antimicrobial Effectiveness and Moisture Binding Properties of Wound Dressings. International Journal of Molecular Sciences, 2010, 11, 2864-2874.	4.1	51
24	Levofloxacin-Proliposomes: Opportunities for Use in Lung Tuberculosis. Pharmaceutics, 2012, 4, 385-412.	4.5	49
25	Accelerated Healing of Full-Thickness Wounds by Genipin-Crosslinked Silk Sericin/PVA Scaffolds. Cells Tissues Organs, 2013, 197, 224-238.	2.3	48
26	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. International Journal of Pharmaceutics, 2014, 471, 430-438.	5.2	42
27	Monitoring safety of liposomes containing rifampicin on respiratory cell lines and <i>in vitro</i> efficacy against <i>Mycobacterium bovis</i> in alveolar macrophages. Journal of Drug Targeting, 2009, 17, 751-762.	4.4	39
28	Development of trichloroacetic acid sensor based on molecularly imprinted polymer membrane for the screening of complex mixture of haloacetic acids in drinking water. Analytica Chimica Acta, 2004, 504, 89-100.	5.4	38
29	Antibacterial activity of a bacteriocin from <i>Lactobacillus paracasei</i> HL32 against <i>Porphyromonas gingivalis</i> . Archives of Oral Biology, 2006, 51, 784-793.	1.8	37
30	Evaluation of the topical spray containing <i>Centella asiatica</i> extract and its efficacy on excision wounds in rats. Acta Pharmaceutica, 2016, 66, 233-244.	2.0	37
31	Wound healing activity of ent-kaura-9(11),16-dien-19-oic acid isolated from <i>Wedelia trilobata</i> (L.) leaves. Phytomedicine, 2012, 19, 1178-1184.	5.3	33
32	Toxicity evaluation of cordycepin and its delivery system for sustained <i>in vitro</i> anti-lung cancer activity. Nanoscale Research Letters, 2015, 10, 152.	5.7	33
33	Rhodomyrton as a potential anti-proliferative and apoptosis inducing agent in HaCaT keratinocyte cells. European Journal of Pharmacology, 2016, 772, 144-151.	3.5	32
34	Development of a topical mupirocin spray for antibacterial and wound-healing applications. Drug Development and Industrial Pharmacy, 2017, 43, 1715-1728.	2.0	32
35	Formulation Development of Albendazole-Loaded Self-Microemulsifying Chewable Tablets to Enhance Dissolution and Bioavailability. Pharmaceutics, 2019, 11, 134.	4.5	32
36	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 811, 191-200.	2.3	32

#	ARTICLE	IF	CITATIONS
37	Sildenafil citrate monohydrateâ€“cyclodextrin nanosuspension complexes for use in metered-dose inhalers. <i>International Journal of Pharmaceutics</i> , 2013, 455, 248-258.	5.2	29
38	Budesonide dry powder for inhalation: effects of leucine and mannitol on the efficiency of delivery. <i>Drug Delivery</i> , 2014, 21, 397-405.	5.7	28
39	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.	0.5	28
40	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, 1-13.	1.9	26
41	Anti-inflammatory Potential of Silk Sericin. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	26
42	Nano spray-dried pyrazinamide- <i>l</i> -leucine dry powders, physical properties and feasibility used as dry powder aerosols. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 68-75.	2.4	26
43	Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020, 12, 1196.	4.5	26
44	The Study of In Vitro-In Vivo Correlation: Pharmacokinetics and Pharmacodynamics of Albuterol Dry Powder Inhalers. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 220-230.	3.3	23
45	The development of dimple-shaped chitosan carrier for ethambutol dihydrochloride dry powder inhaler. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 791-800.	2.0	22
46	Bioactivity and toxicity studies of amphotericin B incorporated in liquid crystals. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 43, 308-317.	4.0	21
47	Oral spray containing plant-derived compounds is effective against common oral pathogens. <i>Archives of Oral Biology</i> , 2018, 90, 80-85.	1.8	21
48	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.	3.9	17
49	Binding interactions of bacterial lipopolysaccharides to polymyxin B in an amphiphilic carrier â€“sodium deoxycholate sulfateâ€™. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110374.	5.0	17
50	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.	1.4	16
51	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.	2.1	16
52	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.	3.3	16
53	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.	3.3	15
54	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, 90-97.	4.3	15

#	ARTICLE	IF	CITATIONS
55	Quantitative analysis of povidone-iodine thin films by X-ray photoelectron spectroscopy and their physicochemical properties. <i>Acta Pharmaceutica</i> , 2017, 67, 169-186.	2.0	15
56	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, 1055.	4.5	15
57	Enhanced dissolution of sildenafil citrate as dry foam tablets. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 1-11.	2.4	14
58	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.	2.6	14
59	The safety of ethambutol dihydrochloride dry powder formulations containing chitosan for the possibility of treating lung tuberculosis. <i>Inhalation Toxicology</i> , 2014, 26, 908-917.	1.6	13
60	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.	3.3	12
61	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, 167-174.	1.3	11
62	Effect of turbulent kinetic energy on dry powder inhaler performance. <i>Powder Technology</i> , 2014, 267, 381-391.	4.2	11
63	Novel antimicrobial peptide specifically active against <i>Porphyromonas gingivalis</i> . <i>Archives of Microbiology</i> , 2015, 197, 899-909.	2.2	11
64	Why sildenafil and sildenafil citrate monohydrate crystals are not stable?. <i>Saudi Pharmaceutical Journal</i> , 2015, 23, 504-514.	2.7	11
65	Computer-aided design of dry powder inhalers using computational fluid dynamics to assess performance. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 54-60.	2.4	11
66	Evidences for salbutamol metabolism by respiratory and liver cell lines. <i>Drug Metabolism and Pharmacokinetics</i> , 2017, 32, 127-134.	2.2	11
67	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.	2.6	11
68	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.	3.7	10
69	Anti-biofilm properties of a mupirocin spray formulation against <i>Escherichia coli</i> wound infections. <i>Biofouling</i> , 2017, 33, 591-600.	2.2	10
70	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.	3.0	10
71	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
72	Montelukast nasal spray: formulation development and in vitro evaluation. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 494-503.	2.4	9

#	ARTICLE	IF	CITATIONS
73	Efficiency of sildenafil encapsulation in poloxamer micelles. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1461-1468.	2.4	9
74	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.	1.8	9
75	Title is missing!. <i>ScienceAsia</i> , 2011, 37, 31.	0.5	9
76	<i>Polymeric Biomaterials.</i> , 2009, , 83-119.		8
77	Factors Affecting Enhanced Permeation of Amphotericin B Across Cell Membranes and Safety of Formulation. <i>AAPS PharmSciTech</i> , 2016, 17, 820-828.	3.3	8
78	A Critical Review on Emerging Trends in Dry Powder Inhaler Formulation for the Treatment of Pulmonary Aspergillosis. <i>Pharmaceutics</i> , 2020, 12, 1161.	4.5	8
79	Physicochemical Properties and Antifungal Activity of Amphotericin B Incorporated in Cholesteryl Carbonate Esters. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 1727-1735.	3.3	7
80	Physicochemical Performances of Indomethacin in Cholesteryl Cetyl Carbonate Liquid Crystal as a Transdermal Dosage. <i>AAPS PharmSciTech</i> , 2012, 13, 513-521.	3.3	7
81	Phase behavior of rifampicin in cholesterol-based liquid crystals and polyethylene glycol. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 804-812.	4.0	7
82	An Anti-Cancer Cordycepin Produced by <i>Cordyceps militaris</i> Growing on the Dead Larva of <i>Bombyx mori</i> Silkworm. <i>Journal of Agricultural Science</i> , 2014, 6, .	0.2	7
83	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.	2.4	7
84	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.	5.2	7
85	An Investigation of the Anti-Inflammatory Potential of Silk Sericin. <i>Advanced Science Letters</i> , 2013, 19, 3615-3619.	0.2	7
86	Safety and Biocompatibility of Mupirocin Nanoparticle-Loaded Hydrogel on Burn Wound in Rat Model. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1707-1716.	1.4	7
87	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.	2.6	6
88	Factors Affecting the Stability and Performance of Ipratropium Bromide; Fenoterol Hydrobromide Pressurized-Metered Dose Inhalers. <i>AAPS PharmSciTech</i> , 2013, 14, 1294-1302.	3.3	6
89	Oral bioavailability and pharmacokinetics of sildenafil citrate dry foam tablets in rats. <i>Cogent Medicine</i> , 2018, 5, 1510821.	0.7	6
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.	5.8	6

#	ARTICLE	IF	CITATIONS
91	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.	3.0	6
92	Antimicrobial and anti-inflammatory effects of Î±-mangostin soluble film. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2022, 12, 189.	1.0	6
93	Thermotropic behavior of sodium cholesteryl carbonate. <i>Journal of Materials Research</i> , 2009, 24, 156-163.	2.6	5
94	<i>In Vitro</i> Studies of <i>Jatropha curcas</i> L. Latex Spray Formulation for Wound Healing Applications. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020, 17, 271-279.	1.4	5
95	Formation of Aggregate-Free Gold Nanoparticles in the Cyclodextrin-Tetrachloroaurate System Follows Finkeâ€™Watzky Kinetics. <i>Nanomaterials</i> , 2022, 12, 583.	4.1	5
96	Enhanced dissolution of sildenafil dry foam tablets. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 191-192.	9.1	4
97	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.	3.6	4
98	Mucoadhesive film containing Î±-mangostin shows potential role in oral cancer treatment. <i>BMC Oral Health</i> , 2021, 21, 512.	2.3	4
99	Deposition Pattern of Polydisperse Dry Powders in Andersen Cascade Impactor - Aerodynamic Assessment for Inhalation Experimentally and <i>In Silico</i>. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020, 17, 20-26.	1.4	4
100	Interaction of Amphotericin B With Cholesteryl Palmityl Carbonate Ester. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4593-4602.	3.3	3
101	Formulation Optimization and Stability of Polymyxin B Based on Sodium Deoxycholate Sulfate Micelles. <i>Journal of Pharmaceutical Sciences</i> , 2022, , .	3.3	3
102	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.	2.4	2
103	Original article. Pharmacodynamics of dry powder formulations of salbutamol for delivery by inhalation. <i>Asian Biomedicine</i> , 2011, 5, 475-483.	0.3	1
104	Clinical equivalence of budesonide dry powder inhaler and pressurized metered dose inhaler. <i>Clinical Respiratory Journal</i> , 2016, 10, 74-82.	1.6	1
105	Synthesis of Gold Nanoparticles in Cyclodextrin-Tetrachloroaurate System. <i>Nanoscience and Nanotechnology Letters</i> , 2020, 12, 849-862.	0.4	1
106	Bioactivity of Mupirocin Nanoparticle-Loaded Hydrogel against Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA). <i>Applied Microbiology</i> , 2022, 2, 260-271.	1.6	1
107	Factors Influencing the Properties of Rifampicin Liposome and Applications for Dry Powder Inhaler. , 2007, , .		0
108	Characteristics of Cholesteryl Cetyl Carbonate Liquid Crystals as Drug Delivery Systems. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
109	Stabilization of luteinizing hormone-releasing hormone in a dry powder formulation and its bioactivity. Asian Biomedicine, 2011, 5, 225-233.	0.3	0