

Pornanong Aramwit

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,626
citations

172386

29
h-index

143943

57
g-index

102
all docs

102
docs citations

102
times ranked

3638
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.	1.8	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.	2.2	227
3	Monitoring of inflammatory mediators induced by silk sericin. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 556-561.	1.1	204
4	The Effects of Sericin Cream on Wound Healing in Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 2473-2477.	0.6	189
5	An innovative bi-layered wound dressing made of silk and gelatin for accelerated wound healing. <i>International Journal of Pharmaceutics</i> , 2012, 436, 141-153.	2.6	141
6	Formulation and characterization of silk sericin/PVA scaffold crosslinked with genipin. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 668-675.	3.6	130
7	The properties and stability of anthocyanins in mulberry fruits. <i>Food Research International</i> , 2010, 43, 1093-1097.	2.9	130
8	Properties and antityrosinase activity of sericin from various extraction methods. <i>Biotechnology and Applied Biochemistry</i> , 2010, 55, 91-98.	1.4	113
9	Silk sericin ameliorates wound healing and its clinical efficacy in burn wounds. <i>Archives of Dermatological Research</i> , 2013, 305, 585-594.	1.1	107
10	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.	1.9	101
11	The downside of antimicrobial agents for wound healing. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 39-54.	1.3	98
12	Clinical Potential of a Silk Sericin-Releasing Bioactive Wound Dressing for the Treatment of Split-Thickness Skin Graft Donor Sites. <i>Pharmaceutical Research</i> , 2014, 31, 104-116.	1.7	83
13	The safety and efficacy of bacterial nanocellulose wound dressing incorporating sericin and polyhexamethylene biguanide: in vitro, in vivo and clinical studies. <i>Archives of Dermatological Research</i> , 2016, 308, 123-132.	1.1	79
14	Development of ethyl alcohol-precipitated silk sericin/polyvinyl alcohol scaffolds for accelerated healing of full-thickness wounds. <i>International Journal of Pharmaceutics</i> , 2012, 439, 175-186.	2.6	74
15	Mulberry leaves and their potential effects against cardiometabolic risks: a review of chemical compositions, biological properties and clinical efficacy. <i>Pharmaceutical Biology</i> , 2018, 56, 109-118.	1.3	72
16	Green synthesis of silk sericin-capped silver nanoparticles and their potent anti-bacterial activity. <i>Nanoscale Research Letters</i> , 2014, 9, 79.	3.1	70
17	The Effect of Sterilization Methods on the Physical Properties of Silk Sericin Scaffolds. <i>AAPS PharmSciTech</i> , 2011, 12, 771-781.	1.5	56
18	Sericin cream reduces pruritus in hemodialysis patients: a randomized, double-blind, placebo-controlled experimental study. <i>BMC Nephrology</i> , 2012, 13, 119.	0.8	54

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19	Interaction and effectiveness of antimicrobials along with healing-promoting agents in a novel biocellulose wound dressing. <i>Materials Science and Engineering C</i> , 2015, 55, 95-104.	3.8	54
20	A review on the synthesis and properties of hydroxyapatite for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 229-261.	1.9	53
21	In Vitro Evaluation of the Antimicrobial Effectiveness and Moisture Binding Properties of Wound Dressings. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2864-2874.	1.8	51
22	Accelerated Healing of Full-Thickness Wounds by Genipin-Crosslinked Silk Sericin/PVA Scaffolds. <i>Cells Tissues Organs</i> , 2013, 197, 224-238.	1.3	48
23	Effect of Oral Anabolic Steroid on Muscle Strength and Muscle Growth in Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 271-279.	2.2	47
24	The characteristics of bacterial nanocellulose gel releasing silk sericin for facial treatment. <i>BMC Biotechnology</i> , 2014, 14, 104.	1.7	44
25	Silk sericin loaded alginate nanoparticles: Preparation and anti-inflammatory efficacy. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 636-643.	3.6	41
26	Stability enhancement of mulberry-extracted anthocyanin using alginate/chitosan microencapsulation for food supplement application. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 773-782.	1.9	41
27	Inflammatory reaction, clinical efficacy, and safety of bacterial cellulose wound dressing containing silk sericin and polyhexamethylene biguanide for wound treatment. <i>Archives of Dermatological Research</i> , 2018, 310, 795-805.	1.1	38
28	A green salt-leaching technique to produce sericin/PVA/glycerin scaffolds with distinguished characteristics for wound-dressing applications. , 2015, 103, 915-924.		37
29	A randomized controlled study of dose-finding, efficacy, and safety of mulberry leaves on glycemic profiles in obese persons with borderline diabetes. <i>Complementary Therapies in Medicine</i> , 2020, 49, 102292.	1.3	37
30	The Effect of Serum Albumin on the Aggregation State and Toxicity of Amphotericin B. <i>Journal of Pharmaceutical Sciences</i> , 2000, 89, 1589-1593.	1.6	34
31	Characteristics of carboxymethyl cellulose/sericin hydrogels and the influence of molecular weight of carboxymethyl cellulose. <i>Macromolecular Research</i> , 2015, 23, 861-866.	1.0	34
32	Toxicity evaluation of cordycepin and its delivery system for sustained in vitro anti-lung cancer activity. <i>Nanoscale Research Letters</i> , 2015, 10, 152.	3.1	33
33	Physico-chemical properties and efficacy of silk fibroin fabric coated with different waxes as wound dressing. <i>International Journal of Biological Macromolecules</i> , 2013, 55, 88-97.	3.6	31
34	Risk factors for ovarian hyperstimulation syndrome in Thai patients using gonadotropins for in vitro fertilization. <i>American Journal of Health-System Pharmacy</i> , 2008, 65, 1148-1153.	0.5	30
35	Mulberry Leaf Reduces Oxidation and C-Reactive Protein Level in Patients with Mild Dyslipidemia. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	29
36	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.	0.2	28

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37	Efficacy of mulberry leaf tablets in patients with mild dyslipidemia. <i>Phytotherapy Research</i> , 2011, 25, 365-369.	2.8	27
38	Controlled Release of Chitosan and Sericin from the Microspheres-Embedded Wound Dressing for the Prolonged Anti-microbial and Wound Healing Efficacy. <i>AAPS Journal</i> , 2016, 18, 647-658.	2.2	27
39	Comparative Clinical Study of Bactigras and Telfa AMD for Skin Graft Donor-Site Dressing. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5031-5038.	1.8	26
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.	0.9	26
41	Anti-inflammatory Potential of Silk Sericin. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	26
42	Sericin ameliorated dysmorphic mitochondria in high-cholesterol diet/streptozotocin rat by antioxidative property. <i>Experimental Biology and Medicine</i> , 2017, 242, 411-421.	1.1	25
43	Effect of animal products and extracts on wound healing promotion in topical applications: a review. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 703-729.	1.9	25
44	Curcumin modulates the angiogenic potential of human endothelial cells via FAK/P-38 MAPK signaling pathway. <i>Gene</i> , 2019, 688, 7-12.	1.0	25
45	The development of non-toxic ionic-crosslinked chitosan-based microspheres as carriers for the controlled release of silk sericin. <i>Biomedical Microdevices</i> , 2015, 17, 84.	1.4	24
46	Randomized Clinical Trial of the Innovative Bilayered Wound Dressing Made of Silk and Gelatin: Safety and Efficacy Tests Using a Split-Thickness Skin Graft Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	0.5	23
47	Physical and biological assessments of the innovative bilayered wound dressing made of silk and gelatin for clinical applications. <i>Journal of Biomaterials Applications</i> , 2015, 29, 1304-1313.	1.2	23
48	Improvement of Physical and Wound Adhesion Properties of Silk Sericin and Polyvinyl Alcohol Dressing Using Glycerin. <i>Advances in Skin and Wound Care</i> , 2015, 28, 358-367.	0.5	22
49	Sericin improves heart and liver mitochondrial architecture in hypercholesterolaemic rats and maintains pancreatic and adrenal cell biosynthesis. <i>Experimental Cell Research</i> , 2017, 358, 301-314.	1.2	22
50	Development of bacterial cellulose incorporating silk sericin, polyhexamethylene biguanide, and glycerin with enhanced physical properties and antibacterial activities for wound dressing application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 61-67.	1.8	22
51	Anti-inflammatory potential of silk sericin. <i>Natural Product Communications</i> , 2013, 8, 501-4.	0.2	22
52	Bioactivity and toxicity studies of amphotericin B incorporated in liquid crystals. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 43, 308-317.	1.9	21
53	Effect of urea-extracted sericin on melanogenesis: potential applications in post-inflammatory hyperpigmentation. <i>Biological Research</i> , 2018, 51, 54.	1.5	20
54	Fabrication of silk sericin/alginate microparticles by electrohydrodynamic spraying technique for the controlled release of silk sericin. <i>Journal of Electrostatics</i> , 2014, 72, 22-27.	1.0	18

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55	Adaptive effect of sericin on hepatic mitochondrial conformation through its regulation of apoptosis, autophagy and energy maintenance: a proteomics approach. <i>Scientific Reports</i> , 2018, 8, 14943.	1.6	18
56	Fibroin and Polyvinyl Alcohol Hydrogel Wound Dressing Containing Silk Sericin Prepared Using High-Pressure Carbon Dioxide. <i>Advances in Wound Care</i> , 2019, 8, 452-462.	2.6	18
57	Crocetin promotes angiogenesis in human endothelial cells through PI3K-Akt-eNOS signaling pathway. <i>EXCLI Journal</i> , 2019, 18, 936-949.	0.5	17
58	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.	0.8	16
59	A study of long-term stability and antimicrobial activity of chlorhexidine, polyhexamethylene biguanide, and silver nanoparticle incorporated in sericin-based wound dressing. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1286-1302.	1.9	15
60	Evaluating the effect of rice (<i>Oryza sativa</i> L.: SRNC05053-6-2) crude extract on psoriasis using in vitro and in vivo models. <i>Scientific Reports</i> , 2020, 10, 17618.	1.6	15
61	Litter to Leaf: The Unexplored Potential of Silk Byproducts. <i>Trends in Biotechnology</i> , 2021, 39, 706-718.	4.9	15
62	The effects of <i>Bombyx mori</i> silk strain and extraction time on the molecular and biological characteristics of sericin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 241-249.	0.6	14
63	Tolerogenic responses of CD206+, CD83+, FOXP3+, and CTLA-4 to sericin/polyvinyl alcohol/glycerin scaffolds relevant to IL-33 and HSP60 activity. <i>Histology and Histopathology</i> , 2016, 31, 1011-27.	0.5	13
64	Evaluation of Serum Albumin Utilization in Inpatient at a Private Hospital in Bangkok. <i>Yakugaku Zasshi</i> , 2004, 124, 631-634.	0.0	12
65	Identification and quantification and antioxidant activity of flavonoids in different strains of silk cocoon, <i>Bombyx mori</i> . <i>Archives of Biochemistry and Biophysics</i> , 2017, 631, 58-65.	1.4	12
66	Antibiofilm activity and cytotoxicity of silk sericin against <i>Streptococcus mutans</i> bacteria in biofilm: an <i>in vitro</i> study. <i>Journal of Wound Care</i> , 2020, 29, S25-S35.	0.5	12
67	<i>In vivo</i> safety and efficacy of sericin/poly(vinyl alcohol)/glycerin scaffolds fabricated by freeze-drying and salt-leaching techniques for wound dressing applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 582-595.	0.8	10
68	Urea-extracted sericin is potentially better than kojic acid in the inhibition of melanogenesis through increased reactive oxygen species generation. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 570-580.	1.5	10
69	The therapeutic effects of <i>Bombyx mori</i> sericin on rat skin psoriasis through modulated epidermal immunity and attenuated cell proliferation. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 587-597.	1.5	10
70	Effectiveness and safety of extended-release nicotinic acid for reducing serum phosphorus in hemodialysis patients. <i>Journal of Nephrology</i> , 2012, 25, 354-362.	0.9	10
71	Crocetin suppresses the growth and migration in HCT-116 human colorectal cancer cells by activating the p-38 MAPK signaling pathway. <i>Research in Pharmaceutical Sciences</i> , 2020, 15, 592.	0.6	10
72	Tissue Engineering: From Basic Sciences to Clinical Perspectives. <i>BioMed Research International</i> , 2017, 1-2.	0.9	9

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73	Pharmacokinetics of single-dose rosiglitazone in chronic ambulatory peritoneal dialysis patients. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2008, 33, 685-690.	0.7	8
74	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, .	0.1	7
75	An Investigation of the Anti-Inflammatory Potential of Silk Sericin. <i>Advanced Science Letters</i> , 2013, 19, 3615-3619.	0.2	7
76	Sericin-mediated improvement of dysmorphic cardiac mitochondria from hypercholesterolaemia is associated with maintaining mitochondrial dynamics, energy production, and mitochondrial structure. <i>Pharmaceutical Biology</i> , 2022, 60, 708-721.	1.3	6
77	Effect of Thai Silk Sericin and its Extraction Methods on L929 Mouse Fibroblast Cell Viability. <i>Advanced Materials Research</i> , 0, 93-94, 385-388.	0.3	5
78	Stability of Anthocyanin from Mulberry Extracts in Alginate Microspheres at High Temperature. <i>Advanced Materials Research</i> , 0, 506, 587-590.	0.3	5
79	Dialysate cancer antigen 125 in long-term peritoneal dialysis patients. <i>Clinical and Experimental Nephrology</i> , 2014, 18, 10-15.	0.7	5
80	Nontraditional Methods to Evaluate Wound Healing. <i>Dermatologic Surgery</i> , 2017, 43, 342-350.	0.4	5
81	Superior Technique for the Production of Agarose Dressing Containing Sericin and Its Wound Healing Property. <i>Polymers</i> , 2021, 13, 3370.	2.0	5
82	Development of Eugenol-Embedded Calcium Citrate Nanoparticles as a Local Anesthetic Agent. <i>ACS Omega</i> , 2021, 6, 28880-28889.	1.6	5
83	In vitro plasma compatibility study of a nanosuspension formulation. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2006, 60, 211-7.	0.3	5
84	Uremic Pruritus; Its Prevalence, Pathophysiology and Management. , 0, , .		4
85	A Review of the Efficacy, Safety, and Clinical Implications of Naturally Derived Dietary Supplements for Dyslipidemia. <i>American Journal of Cardiovascular Drugs</i> , 2017, 17, 27-35.	1.0	4
86	Enhancing clinical applications of PVA hydrogel by blending with collagen hydrolysate and silk sericin. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	4
87	Effectiveness and tolerability of rosiglitazone on insulin resistance and body composition in nondiabetic Thai patients undergoing continuous ambulatory peritoneal dialysis: A 12-week pilot study. <i>Current Therapeutic Research</i> , 2009, 70, 377-389.	0.5	3
88	A Novel Silk Sericin/Poly (Vinyl Alcohol) Composite Film Crosslinked with Genipin: Fabrication and Characterization for Tissue Engineering Applications. <i>Advanced Materials Research</i> , 0, 506, 359-362.	0.3	3
89	P80 Natural Essence Exerts Efficient Anti-HIV-1- as Well as Adjuvant Effects in DCs. <i>Vaccines</i> , 2021, 9, 976.	2.1	2
90	Traditional and Nontraditional Evaluation of Wound Healing Process. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2018, , 437-459.	0.1	1

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91	Biosynthetic sericin 1â€like protein skews dendritic cells to tolerogenicâ€like phenotype. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .	1.4	1
92	Extraction and Characterization of Proteins from Castor Oil Meal for Medical Applications. <i>Polymer Science - Series A</i> , 2021, 63, 400-411.	0.4	1
93	The Influence of Gamma Irradiation and Ethylene Oxide Treatment on the Physical Properties of Silk Sericin Film. <i>Journal of Biobased Materials and Bioenergy</i> , 2013, 7, 283-289.	0.1	1
94	Evaluating efficacy and safety of the topical silicone gel containing onion extract in the treatment of postâ€cesarean surgical scars. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 2908-2915.	0.8	1
95	Evaluation of patient counseling on blood pressure control of out-patients with hypertension at Chulalongkorn Hospital. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , 2003, 86 Suppl 2, S496-500.	0.4	1
96	Wound dressing adherence: a review. <i>Journal of Wound Care</i> , 2022, 31, 406-423.	0.5	1
97	Characteristics of Cholesteryl Cetyl Carbonate Liquid Crystals as Drug Delivery Systems. , 2007, , .		0