

Pensak Jantrawut

List of Publications by Year in descending order

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52
papers

1,045
citations

430442

18
h-index

476904

29
g-index

53
all docs

53
docs citations

53
times ranked

923
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cannabis Terpenes. <i>Molecules</i> , 2020, 25, 5792.	1.7	84
2	Effect of Plasticizer Type on Tensile Property and In Vitro Indomethacin Release of Thin Films Based on Low-Methoxyl Pectin. <i>Polymers</i> , 2017, 9, 289.	2.0	79
3	Characterization of Chitosan Film Incorporated with Curcumin Extract. <i>Polymers</i> , 2021, 13, 963.	2.0	59
4	Synthesis, Characterization, and Application of Carboxymethyl Cellulose from Asparagus Stalk End. <i>Polymers</i> , 2021, 13, 81.	2.0	52
5	Fabrication and Characterization of Low Methoxyl Pectin/Gelatin/Carboxymethyl Cellulose Absorbent Hydrogel Film for Wound Dressing Applications. <i>Materials</i> , 2019, 12, 1628.	1.3	44
6	Mango (cv. Nam Dokmai) peel as a source of pectin and its potential use as a film-forming polymer. <i>Food Hydrocolloids</i> , 2020, 102, 105611.	5.6	40
7	Carboxymethyl Bacterial Cellulose from Nata de Coco: Effects of NaOH. <i>Polymers</i> , 2021, 13, 348.	2.0	37
8	Influence of low methoxyl pectin gel textures and in vitro release of rutin from calcium pectinate beads. <i>Carbohydrate Polymers</i> , 2013, 97, 335-342.	5.1	35
9	Use of Orange Oil Loaded Pectin Films as Antibacterial Material for Food Packaging. <i>Polymers</i> , 2018, 10, 1144.	2.0	35
10	Hydroxypropyl Methylcellulose E15: A Hydrophilic Polymer for Fabrication of Orodispersible Film Using Syringe Extrusion 3D Printer. <i>Polymers</i> , 2020, 12, 2666.	2.0	34
11	Physical Properties of Carboxymethyl Cellulose from Palm Bunch and Bagasse Agricultural Wastes: Effect of Delignification with Hydrogen Peroxide. <i>Polymers</i> , 2020, 12, 1505.	2.0	33
12	Preparation and Evaluation of Metronidazole-Loaded Pectin Films for Potentially Targeting a Microbial Infection Associated with Periodontal Disease. <i>Polymers</i> , 2018, 10, 1021.	2.0	29
13	Moringa oleifera Seed Oil Formulation Physical Stability and Chemical Constituents for Enhancing Skin Hydration and Antioxidant Activity. <i>Cosmetics</i> , 2021, 8, 2.	1.5	26
14	Efficacy of cassava starch blending with gelling agents and palm oil coating in improving egg shelf life. <i>International Journal of Food Science and Technology</i> , 2021, 56, 3655-3661.	1.3	24
15	Effect of sodium benzoate and chlorhexidine gluconate on a bio-thermoplastic elastomer made from thermoplastic starch-chitosan blended with epoxidized natural rubber. <i>Carbohydrate Polymers</i> , 2020, 242, 116421.	5.1	24
16	Enhancement of Antibacterial Activity of Orange Oil in Pectin Thin Film by Microemulsion. <i>Nanomaterials</i> , 2018, 8, 545.	1.9	21
17	Genomic relationship and physiochemical properties among raw materials used for Thai black garlic processing. <i>Food Science and Nutrition</i> , 2020, 8, 4534-4545.	1.5	20
18	Preparation of Clindamycin Hydrochloride Loaded De-Esterified Low-Methoxyl Mango Peel Pectin Film Used as a Topical Drug Delivery System. <i>Polymers</i> , 2020, 12, 1006.	2.0	19

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19	Volatile Organic Compounds from Basil Essential Oils: Plant Taxonomy, Biological Activities, and Their Applications in Tropical Fruit Productions. <i>Horticulturae</i> , 2022, 8, 144.	1.2	19
20	Effects on Steroid 5-Alpha Reductase Gene Expression of Thai Rice Bran Extracts and Molecular Dynamics Study on SRD5A2. <i>Biology</i> , 2021, 10, 319.	1.3	18
21	Characterization of Hydrophilic Polymers as a Syringe Extrusion 3D Printing Material for Orodispersible Film. <i>Polymers</i> , 2021, 13, 3454.	2.0	18
22	High Efficiency In Vitro Wound Healing of <i>Dictyophora indusiata</i> Extracts via Anti-Inflammatory and Collagen Stimulating (MMP-2 Inhibition) Mechanisms. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 1100.	1.5	17
23	In vitro anti-proliferative activity on colon cancer cell line (HT-29) of Thai medicinal plants selected from Thai/Lanna medicinal plant recipe database "MANOSROI". <i>Journal of Ethnopharmacology</i> , 2015, 161, 11-17.	2.0	16
24	"Tablet-in-Syringe": A Novel Dosing Mechanism for Dysphagic Patients Containing Fast-Disintegrating Tablets Fabricated Using Semisolid Extrusion 3D Printing. <i>Pharmaceutics</i> , 2022, 14, 443.	2.0	16
25	Depigmented <i>Centella asiatica</i> Extraction by Pretreated with Supercritical Carbon Dioxide Fluid for Wound Healing Application. <i>Processes</i> , 2020, 8, 277.	1.3	15
26	Anti-inflammatory of bioactive compounds from ethanolic extracts of edible bamboo mushroom (<i>Dictyophora indusiata</i>) as functional health promoting food ingredients. <i>International Journal of Food Science and Technology</i> , 2022, 57, 110-122.	1.3	14
27	High Substitution Synthesis of Carboxymethyl Chitosan for Properties Improvement of Carboxymethyl Chitosan Films Depending on Particle Sizes. <i>Molecules</i> , 2021, 26, 6013.	1.7	14
28	Extraction of Nicotine from Tobacco Leaves and Development of Fast Dissolving Nicotine Extract Film. <i>Membranes</i> , 2021, 11, 403.	1.4	12
29	Composite Nanocellulose Fibers-Based Hydrogels Loading Clindamycin HCl with Ca ²⁺ and Citric Acid as Crosslinking Agents for Pharmaceutical Applications. <i>Polymers</i> , 2021, 13, 4423.	2.0	12
30	Effect of Dip Coating Polymer Solutions on Properties of Thermoplastic Cassava Starch. <i>Polymers</i> , 2019, 11, 1746.	2.0	11
31	Formulation of Orally Disintegrating Films as an Amorphous Solid Solution of a Poorly Water-Soluble Drug. <i>Membranes</i> , 2020, 10, 376.	1.4	11
32	Effect of Monochloroacetic Acid on Properties of Carboxymethyl Bacterial Cellulose Powder and Film from Nata de Coco. <i>Polymers</i> , 2021, 13, 488.	2.0	11
33	Mango Peel Pectin: Recovery, Functionality and Sustainable Uses. <i>Polymers</i> , 2021, 13, 3898.	2.0	11
34	Extraction of Tropical Fruit Peels and Development of HPMC Film Containing the Extracts as an Active Antibacterial Packaging Material. <i>Molecules</i> , 2021, 26, 2265.	1.7	10
35	Effects of storage temperature on the quality of eggs coated by cassava starch blended with carboxymethyl cellulose and paraffin wax. <i>Poultry Science</i> , 2022, 101, 101509.	1.5	10
36	Thermoplastic mung bean starch/natural rubber/sericin blends for improved oil resistance. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 283-289.	3.6	10

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37	Antioxidation, Anti-Inflammation, and Regulation of SRD5A Gene Expression of <i>Oryza sativa</i> cv. Bue Bang 3 CMU Husk and Bran Extracts as Androgenetic Alopecia Molecular Treatment Substances. <i>Plants</i> , 2022, 11, 330.	1.6	10
38	Corn starch reactive blending with latex from natural rubber using Na ⁺ ions augmented carboxymethyl cellulose as a crosslinking agent. <i>Scientific Reports</i> , 2021, 11, 19250.	1.6	9
39	Skin Penetration and Stability Enhancement of <i>Celastrus paniculatus</i> Seed Oil by 2-Hydroxypropyl- β -Cyclodextrin Inclusion Complex for Cosmeceutical Applications. <i>Scientia Pharmaceutica</i> , 2018, 86, 33.	0.7	8
40	Sericin cocoon bio-compatibilizer for reactive blending of thermoplastic cassava starch. <i>Scientific Reports</i> , 2021, 11, 19945.	1.6	8
41	Effect of Egg-Coating Material Properties by Blending Cassava Starch with Methyl Celluloses and Waxes on Egg Quality. <i>Polymers</i> , 2021, 13, 3787.	2.0	8
42	In Vitro and In Vivo Regulation of SRD5A mRNA Expression of Supercritical Carbon Dioxide Extract from <i>Asparagus racemosus</i> Willd. Root as Anti-Sebum and Pore-Minimizing Active Ingredients. <i>Molecules</i> , 2022, 27, 1535.	1.7	8
43	Development of Carboxymethyl Chitosan Nanoparticles Prepared by Ultrasound-Assisted Technique for a Clindamycin HCl Carrier. <i>Polymers</i> , 2022, 14, 1736.	2.0	8
44	Effect of chlorhexidine gluconate on mechanical and anti-microbial properties of thermoplastic cassava starch. <i>Carbohydrate Polymers</i> , 2022, 275, 118690.	5.1	7
45	Morphology, Mechanical, and Water Barrier Properties of Carboxymethyl Rice Starch Films: Sodium Hydroxide Effect. <i>Molecules</i> , 2022, 27, 331.	1.7	7
46	Taste Masking of Nizatidine Using Ion-Exchange Resins. <i>Processes</i> , 2019, 7, 779.	1.3	6
47	Encapsulation of Basil Essential Oil by Paste Method and Combined Application with Mechanical Trap for Oriental Fruit Fly Control. <i>Insects</i> , 2021, 12, 633.	1.0	6
48	Thermoplastic cassava starch blend with polyethylene-grafted-maleic anhydride and gelatin core-shell structure compatibilizer. <i>International Journal of Biological Macromolecules</i> , 2022, 197, 49-54.	3.6	6
49	Biopolymer Hydrogel Scaffolds Containing Doxorubicin as A Localized Drug Delivery System for Inhibiting Lung Cancer Cell Proliferation. <i>Polymers</i> , 2021, 13, 3580.	2.0	5
50	Enhancement of anti-inflammatory activity of polyphenolic flavonoid rutin by encapsulation. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 1521-1527.	0.2	4
51	Mango Pectic Oligosaccharides: A Novel Prebiotic for Functional Food. <i>Frontiers in Nutrition</i> , 2022, 9, 798543.	1.6	3
52	Formulation and Characterization of Nicotine Microemulsion-Loaded Fast-Dissolving Films for Smoking Cessation. <i>Molecules</i> , 2022, 27, 3166.	1.7	1