Kirubanandan Shanmugam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4053206/publications.pdf

Version: 2024-02-01

17	634	840776 11	888059 17
papers	citations	h-index	g-index

17	17	17	1030
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimization of Spraying Process via Response Surface Method for Fabrication of Cellulose Nanofiber (CNF) Film. Journal of Nanomaterials, 2022, 2022, 1-10.	2.7	7
2	High-performance homogenized and spray coated nanofibrillated cellulose-montmorillonite barriers. Cellulose, 2021, 28, 405-416.	4.9	13
3	An energy efficient production of high moisture barrier nanocellulose/carboxymethyl cellulose films via spray-deposition technique. Carbohydrate Polymers, 2020, 250, 116911.	10.2	20
4	Impact of heat drying on the physical and environmental characteristics of the nanocellulose-based films produced via spray deposition technique. Cellulose, 2020, 27, 10225-10239.	4.9	7
5	Flexible spray coating process for smooth nanocellulose film production. Cellulose, 2018, 25, 1725-1741.	4.9	35
6	Rapid preparation of smooth nanocellulose films using spray coating. Cellulose, 2017, 24, 2669-2676.	4.9	48
7	GREEN SYNTHESIS OF SUPERPARAMAGNETIC IRON OXIDE NANOPARTICLE FROM FICUS CARICA FRUIT EXTRACT, CHARACTERIZATION STUDIES AND ITS APPLICATION ON DYE DEGRADATION STUDIES. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 125.	0.3	5
8	Flow Dynamic Behavior of Fish Oil/Silver Nitrate Solution in Mini-Channel, Effect of Alkane Addition on Flow Pattern and Interfacial Tension. American Journal of Engineering and Applied Sciences, 2016, 9, 236-250.	0.6	1
9	EXTRACELLULAR AND INTRACELLULAR SYNTHESIS OF SILVER NANOPARTICLES. Asian Journal of Pharmaceutical and Clinical Research, 2016, , 133.	0.3	1
10	Extraction of EPA/DHA from 18/12EE Fish Oil Using AgNO₃(aq): Composition, Yield, and Effects of Solvent Addition on Interfacial Tension and Flow Pattern in Mini-Fluidic Systems. Industrial & Engineering Chemistry Research, 2015, 54, 8295-8301.	3.7	12
11	Porous keratin scaffoldâ€“promising biomaterial for tissue engineering and drug delivery. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 92B, 5-12.	3.4	63
12	Degradation behavior of electrospun microfibers of blends of poly(lactide-co-glycolide) and PluronicÂ® F-108. Polymer Degradation and Stability, 2010, 95, 1605-1613.	5.8	15
13	Triphala Incorporated Collagen Spongeâ€"A Smart Biomaterial for Infected Dermal Wound Healing. Journal of Surgical Research, 2010, 158, 162-170.	1.6	43
14	Cloning and expression of S-Adenosyl Methionine (SAMe) Synthetase gene in recombinant E. coli strain for large scale production of SAMe. Electronic Journal of Biotechnology, 2010, 13, .	2.2	2
15	Purification and characterization of an extracellular keratinase from a hornmeal-degrading Bacillus subtilis MTCC (9102). World Journal of Microbiology and Biotechnology, 2008, 24, 2741-2745.	3.6	60
16	Triphala Promotes Healing of Infected Full-Thickness Dermal Wound. Journal of Surgical Research, 2008, 144, 94-101.	1.6	118
17	Improved Biomaterials for Tissue Engineering Applications: Surface Modification of Polymers. Current Topics in Medicinal Chemistry, 2008, 8, 341-353.	2.1	184