

Kirubanandan Shanmugam

List of Publications by Year in descending order

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17
papers

634
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Biomaterials for Tissue Engineering Applications: Surface Modification of Polymers. Current Topics in Medicinal Chemistry, 2008, 8, 341-353.	2.1	184
2	Triphala Promotes Healing of Infected Full-Thickness Dermal Wound. Journal of Surgical Research, 2008, 144, 94-101.	1.6	118
3	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
4	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
5	Rapid preparation of smooth nanocellulose films using spray coating. Cellulose, 2017, 24, 2669-2676.	4.9	48
6	Triphala Incorporated Collagen Spongeâ€™A Smart Biomaterial for Infected Dermal Wound Healing. Journal of Surgical Research, 2010, 158, 162-170.	1.6	43
7	Flexible spray coating process for smooth nanocellulose film production. Cellulose, 2018, 25, 1725-1741.	4.9	35
8	An energy efficient production of high moisture barrier nanocellulose/carboxymethyl cellulose films via spray-deposition technique. Carbohydrate Polymers, 2020, 250, 116911.	10.2	20
9	Degradation behavior of electrospun microfibers of blends of poly(lactide-co-glycolide) and Pluronic® F-108. Polymer Degradation and Stability, 2010, 95, 1605-1613.	5.8	15
10	High-performance homogenized and spray coated nanofibrillated cellulose-montmorillonite barriers. Cellulose, 2021, 28, 405-416.	4.9	13
11	Extraction of EPA/DHA from 18/12EE Fish Oil Using AgNO ₃ (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
12	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
13	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
14	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
15	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
16	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
17	EXTRACELLULAR AND INTRACELLULAR SYNTHESIS OF SILVER NANOPARTICLES. Asian Journal of Pharmaceutical and Clinical Research, 2016, , 133.	0.3	1