

Siew Yin Chan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,250
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1992
citing authors

#	ARTICLE	IF	CITATIONS
1	Pectin as a rheology modifier: Origin, structure, commercial production and rheology. Carbohydrate Polymers, 2017, 161, 118-139.	10.2	356
2	Recent Advances in Shape Memory Soft Materials for Biomedical Applications. ACS Applied Materials & Interfaces, 2016, 8, 10070-10087.	8.0	313
3	Effect of extraction conditions on the yield and chemical properties of pectin from cocoa husks. Food Chemistry, 2013, 141, 3752-3758.	8.2	173
4	Electrospun Pectin-Polyhydroxybutyrate Nanofibers for Retinal Tissue Engineering. ACS Omega, 2017, 2, 8959-8968.	3.5	54
5	Dual functional anti-oxidant and SPF enhancing lignin-based copolymers as additives for personal and healthcare products. RSC Advances, 2016, 6, 86420-86427.	3.6	49
6	Emerging strategies in developing multifunctional nanomaterials for cancer nanotheranostics. Advanced Drug Delivery Reviews, 2021, 178, 113907.	13.7	46
7	One-step vapor deposition of fluorinated polycationic coating to fabricate antifouling and anti-infective textile against drug-resistant bacteria and viruses. Chemical Engineering Journal, 2021, 418, 129368.	12.7	43
8	Recent innovations in artificial skin. Biomaterials Science, 2020, 8, 776-797.	5.4	38
9	Hydrogel-based flexible materials for diabetes diagnosis, treatment, and management. Npj Flexible Electronics, 2021, 5, .	10.7	30
10	Recent Insights into Emerging Coronavirus: SARS-CoV-2. ACS Infectious Diseases, 2021, 7, 1369-1388.	3.8	27
11	Thixotropic Supramolecular Pectin-Poly(Ethylene Glycol) Methacrylate (PEGMA) Hydrogels. Polymers, 2016, 8, 404.	4.5	26
12	Combating the Coronavirus Pandemic: Early Detection, Medical Treatment, and a Concerted Effort by the Global Community. Research, 2020, 2020, 6925296.	5.7	26
13	Motion Detecting, Temperature Alarming, and Wireless Wearable Bioelectronics Based on Intrinsically Antibacterial Conductive Hydrogels. ACS Applied Materials & Interfaces, 2022, 14, 14596-14606.	8.0	24
14	Multiphoton Upconversion Materials for Photocatalysis and Environmental Remediation. Chemistry - an Asian Journal, 2021, 16, 2596-2609.	3.3	15
15	The Strategies of Pathogen-Oriented Therapy on Circumventing Antimicrobial Resistance. Research, 2020, 2020, 2016201.	5.7	14
16	Unprecedented Acid-Promoted Polymerization and Gelation of Acrylamide: A Serendipitous Discovery. Chemistry - an Asian Journal, 2018, 13, 1797-1804.	3.3	11
17	Pectin As a Rheology Modifier: Recent Reports on Its Origin, Structure, Commercial Production and Gelling Mechanism. RSC Polymer Chemistry Series, 2016, , 205-226.	0.2	5