

# Siew Yin Chan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

789  
citations

10  
h-index

18  
g-index

18  
ext. papers

1,022  
ext. citations

7.6  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
17	Hydrogel-based flexible materials for diabetes diagnosis, treatment, and management. <i>Npj Flexible Electronics</i> , <b>2021</b> , 5,	10.7	5
16	Recent Insights into Emerging Coronavirus: SARS-CoV-2. <i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 1369-1388	5.5	13
15	Emerging strategies in developing multifunctional nanomaterials for cancer nanotheranostics. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 178, 113907	18.5	10
14	Multiphoton Upconversion Materials for Photocatalysis and Environmental Remediation. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 2596-2609	4.5	1
13	One-step vapor deposition of fluorinated polycationic coating to fabricate antifouling and anti-infective textile against drug-resistant bacteria and viruses. <i>Chemical Engineering Journal</i> , <b>2021</b> , 418, 129368	14.7	15
12	The Strategies of Pathogen-Oriented Therapy on Circumventing Antimicrobial Resistance. <i>Research</i> , <b>2020</b> , 2020, 2016201	7.8	7
11	Combating the Coronavirus Pandemic: Early Detection, Medical Treatment, and a Concerted Effort by the Global Community. <i>Research</i> , <b>2020</b> , 2020, 6925296	7.8	12
10	Recent innovations in artificial skin. <i>Biomaterials Science</i> , <b>2020</b> , 8, 776-797	7.4	22
9	Unprecedented Acid-Promoted Polymerization and Gelation of Acrylamide: A Serendipitous Discovery. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1797	4.5	5
8	Pectin as a rheology modifier: Origin, structure, commercial production and rheology. <i>Carbohydrate Polymers</i> , <b>2017</b> , 161, 118-139	10.3	220
7	Electrospun Pectin-Polyhydroxybutyrate Nanofibers for Retinal Tissue Engineering. <i>ACS Omega</i> , <b>2017</b> , 2, 8959-8968	3.9	38
6	Dual functional anti-oxidant and SPF enhancing lignin-based copolymers as additives for personal and healthcare products. <i>RSC Advances</i> , <b>2016</b> , 6, 86420-86427	3.7	38
5	CHAPTER 11:Pectin As a Rheology Modifier: Recent Reports on Its Origin, Structure, Commercial Production and Gelling Mechanism. <i>RSC Polymer Chemistry Series</i> , <b>2016</b> , 205-226	1.3	4
4	Thixotropic Supramolecular Pectin-Poly(Ethylene Glycol) Methacrylate (PEGMA) Hydrogels. <i>Polymers</i> , <b>2016</b> , 8,	4.5	21
3	Recent Advances in Shape Memory Soft Materials for Biomedical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 10070-87	9.5	251
2	Effect of extraction conditions on the yield and chemical properties of pectin from cocoa husks. <i>Food Chemistry</i> , <b>2013</b> , 141, 3752-8	8.5	127
1	Pectin as a Rheology Modifier: Chemistry, Production, and Rheology1-25		

