

# Siew Yin Chan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/156037/publications.pdf>

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