

Seow Theng Ong

List of Publications by Year in descending order

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28
papers

874
citations

566801

15
h-index

525886

27
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28
all docs

28
docs citations

28
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-inspired in situ crosslinking and mineralization of electrospun collagen scaffolds for bone tissue engineering. <i>Biomaterials</i> , 2016, 104, 323-338.	5.7	166
2	Long-Term Real-Time In Vivo Drug Release Monitoring with AIE Thermogelling Polymer. <i>Small</i> , 2017, 13, 1603-1604.	5.2	140
3	LFA-1/ICAM-1 Ligation in Human T Cells Promotes Th1 Polarization through a GSK3 β Signaling-Dependent Notch Pathway. <i>Journal of Immunology</i> , 2016, 197, 108-118.	0.4	64
4	Core-Shell Structured Antimicrobial Nanofiber Dressings Containing Herbal Extract and Antibiotics Combination for the Prevention of Biofilms and Promotion of Cutaneous Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24356-24369.	4.0	61
5	Poly- μ -Caprolactone/Gelatin Hybrid Electrospun Composite Nanofibrous Mats Containing Ultrasound Assisted Herbal Extract: Antimicrobial and Cell Proliferation Study. <i>Nanomaterials</i> , 2019, 9, 462.	1.9	58
6	Antimicrobial properties and biocompatibility of electrospun poly- μ -caprolactone fibrous mats containing <i>Gymnema sylvestre</i> leaf extract. <i>Materials Science and Engineering C</i> , 2019, 98, 503-514.	3.8	58
7	GapmeR cellular internalization by macropinocytosis induces sequence-specific gene silencing in human primary T-cells. <i>Scientific Reports</i> , 2016, 6, 37721.	1.6	49
8	Quantitative mass spectrometry of human reticulocytes reveal proteome-wide modifications during maturation. <i>British Journal of Haematology</i> , 2018, 180, 118-133.	1.2	40
9	Latent Oxidative Polymerization of Catecholamines as Potential Cross-linkers for Biocompatible and Multifunctional Biopolymer Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32266-32281.	4.0	29
10	Contributions of natural products to ion channel pharmacology. <i>Natural Product Reports</i> , 2020, 37, 703-716.	5.2	24
11	Centrosome- and Golgi-Localized Protein Kinase N-Associated Protein Serves As a Docking Platform for Protein Kinase A Signaling and Microtubule Nucleation in Migrating T-Cells. <i>Frontiers in Immunology</i> , 2018, 9, 397.	2.2	22
12	Antimicrobial quaternary ammonium organosilane cross-linked nanofibrous collagen scaffolds for tissue engineering. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4473-4492.	3.3	20
13	Rearrangement of a unique Kv1.3 selectivity filter conformation upon binding of a drug. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	20
14	Isolation of Human Peripheral Blood T-Lymphocytes. <i>Methods in Molecular Biology</i> , 2019, 1930, 11-17.	0.4	18
15	Modulation of Lymphocyte Potassium Channel K _V 1.3 by Membrane-Penetrating, Joint-Targeting Immunomodulatory Plant Defensin. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 720-736.	2.5	18
16	Extracellular K ⁺ Dampens T Cell Functions: Implications for Immune Suppression in the Tumor Microenvironment. <i>Bioelectricity</i> , 2019, 1, 169-179.	0.6	17
17	Antifungal properties of lecithin- and terbinafine-loaded electrospun poly(μ -caprolactone) nanofibres. <i>RSC Advances</i> , 2016, 6, 41130-41141.	1.7	15
18	Structures of wild-type and H451N mutant human lymphocyte potassium channel KV1.3. <i>Cell Discovery</i> , 2021, 7, 39.	3.1	14

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19	Combating Microbial Contamination with Robust Polymeric Nanofibers: Elemental Effect on the Mussel-Inspired Cross-Linking of Electrospun Gelatin. <i>ACS Applied Bio Materials</i> , 2019, 2, 807-823.	2.3	13
20	Histone acetylo-me-wide associations in immune cells from individuals with active <i>Mycobacterium tuberculosis</i> infection. <i>Nature Microbiology</i> , 2022, 7, 312-326.	5.9	9
21	Imaging Kv1.3 Expressing Memory T Cells as a Marker of Immunotherapy Response. <i>Cancers</i> , 2022, 14, 1217.	1.7	7
22	Mechanisms Underlying C-type Inactivation in Kv Channels: Lessons From Structures of Human Kv1.3 and Fly Shaker-IR Channels. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
23	Live Cell Imaging and Analysis to Capture T-Cell Motility in Real-Time. <i>Methods in Molecular Biology</i> , 2019, 1930, 33-40.	0.4	2
24	A Laboratory Model to Study T-Cell Motility. <i>Methods in Molecular Biology</i> , 2019, 1930, 19-23.	0.4	2
25	Drug Delivery: Long-Term Real-Time In Vivo Drug Release Monitoring with AIE Thermogelling Polymer (Small 7/2017). <i>Small</i> , 2017, 13, .	5.2	1
26	Quantification of T-Cell Migratory Phenotypes Using High-Content Analysis. <i>Methods in Molecular Biology</i> , 2019, 1930, 25-32.	0.4	1
27	Three-Dimensional Structured Illumination Microscopy (3D-SIM) to Dissect Signaling Cross-Talks in Motile T-Cells. <i>Methods in Molecular Biology</i> , 2019, 1930, 41-50.	0.4	1
28	GapmeR-Mediated Gene Silencing in Motile T-Cells. <i>Methods in Molecular Biology</i> , 2019, 1930, 67-73.	0.4	1