

Seow Theng Ong

List of Publications by Year in descending order

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papers

874
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566801

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all docs

28
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times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Rearrangement of a unique Kv1.3 selectivity filter conformation upon binding of a drug. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	20
2	Histone acetylome-wide associations in immune cells from individuals with active Mycobacterium tuberculosis infection. Nature Microbiology, 2022, 7, 312-326.	5.9	9
3	Imaging Kv1.3 Expressing Memory T Cells as a Marker of Immunotherapy Response. Cancers, 2022, 14, 1217.	1.7	7
4	Coreâ€œShell Structured Antimicrobial Nanofiber Dressings Containing Herbal Extract and Antibiotics Combination for the Prevention of Biofilms and Promotion of Cutaneous Wound Healing. ACS Applied Materials & Interfaces, 2021, 13, 24356-24369.	4.0	61
5	Structures of wild-type and H451N mutant human lymphocyte potassium channel KV1.3. Cell Discovery, 2021, 7, 39.	3.1	14
6	Modulation of Lymphocyte Potassium Channel K_V1.3 by Membrane-Penetrating, Joint-Targeting Immunomodulatory Plant Defensin. ACS Pharmacology and Translational Science, 2020, 3, 720-736.	2.5	18
7	Contributions of natural products to ion channel pharmacology. Natural Product Reports, 2020, 37, 703-716.	5.2	24
8	Extracellular K⁺ Dampens T Cell Functions: Implications for Immune Suppression in the Tumor Microenvironment. Bioelectricity, 2019, 1, 169-179.	0.6	17
9	Poly-Îµ-Caprolactone/Gelatin Hybrid Electrospun Composite Nanofibrous Mats Containing Ultrasound Assisted Herbal Extract: Antimicrobial and Cell Proliferation Study. Nanomaterials, 2019, 9, 462.	1.9	58
10	Antimicrobial properties and biocompatibility of electrospun poly-Îµ-caprolactone fibrous mats containing Gymnema sylvestre leaf extract. Materials Science and Engineering C, 2019, 98, 503-514.	3.8	58
11	Combating Microbial Contamination with Robust Polymeric Nanofibers: Elemental Effect on the Mussel-Inspired Cross-Linking of Electrospun Gelatin. ACS Applied Bio Materials, 2019, 2, 807-823.	2.3	13
12	Isolation of Human Peripheral Blood T-Lymphocytes. Methods in Molecular Biology, 2019, 1930, 11-17.	0.4	18
13	Quantification of T-Cell Migratory Phenotypes Using High-Content Analysis. Methods in Molecular Biology, 2019, 1930, 25-32.	0.4	1
14	Three-Dimensional Structured Illumination Microscopy (3D-SIM) to Dissect Signaling Cross-Talks in Motile T-Cells. Methods in Molecular Biology, 2019, 1930, 41-50.	0.4	1
15	GapmeR-Mediated Gene Silencing in Motile T-Cells. Methods in Molecular Biology, 2019, 1930, 67-73.	0.4	1
16	Live Cell Imaging and Analysis to Capture T-Cell Motility in Real-Time. Methods in Molecular Biology, 2019, 1930, 33-40.	0.4	2
17	A Laboratory Model to Study T-Cell Motility. Methods in Molecular Biology, 2019, 1930, 19-23.	0.4	2
18	Quantitative mass spectrometry of human reticulocytes reveal proteomeâ€œwide modifications during maturation. British Journal of Haematology, 2018, 180, 118-133.	1.2	40

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Long-Term Real-Time In Vivo Drug Release Monitoring with AIE Thermogelling Polymer. <i>Small</i> , 2017, 13, 1603404.	5.2	140
23	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
24	Antifungal properties of lecithin- and terbinafine-loaded electrospun poly(μ -caprolactone) nanofibres. <i>RSC Advances</i> , 2016, 6, 41130-41141.	1.7	15
25	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
26	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
27	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
28	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