

Takao Sanaki

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

725
citations

1039880

9
h-index

887953

17
g-index

22
all docs

22
docs citations

22
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of S-217622, a Noncovalent Oral SARS-CoV-2 3CL Protease Inhibitor Clinical Candidate for Treating COVID-19. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 6499-6512.	2.9	258
2	SARS-CoV-2 variants with mutations at the S1/S2 cleavage site are generated in vitro during propagation in TMPRSS2-deficient cells. <i>PLoS Pathogens</i> , 2021, 17, e1009233.	2.1	162
3	Contribution of synovial macrophages to rat advanced osteoarthritis pain resistant to cyclooxygenase inhibitors. <i>Pain</i> , 2019, 160, 895-907.	2.0	58
4	TMPRSS11D and TMPRSS13 Activate the SARS-CoV-2 Spike Protein. <i>Viruses</i> , 2021, 13, 384.	1.5	50
5	Sensitization of transient receptor potential vanilloid 4 and increasing its endogenous ligand 5,6-epoxyeicosatrienoic acid in rats with monoiodoacetate-induced osteoarthritis. <i>Pain</i> , 2018, 159, 939-947.	2.0	33
6	SARS-CoV-2 Bearing a Mutation at the S1/S2 Cleavage Site Exhibits Attenuated Virulence and Confers Protective Immunity. <i>MBio</i> , 2021, 12, e0141521.	1.8	33
7	Possible roles of long-chain sphingomyelins and sphingomyelin synthase 2 in mouse macrophage inflammatory response. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 202-207.	1.0	30
8	MRC5 cells engineered to express ACE2 serve as a model system for the discovery of antivirals targeting SARS-CoV-2. <i>Scientific Reports</i> , 2021, 11, 5376.	1.6	18
9	Air-liquid interphase culture confers SARS-CoV-2 susceptibility to A549 alveolar epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 577, 146-151.	1.0	14
10	Inhibition of dengue virus infection by 1- <i>sn</i> -sn-3-phosphatidylinositol 2-arachidonoyl- <i>sn</i> -glycero-3-phosphate in vitro. <i>FASEB Journal</i> , 2019, 33, 13866-13881.	0.2	10
11	A simple and efficient approach to improve protein identification by the peptide mass fingerprinting method: concomitant use of negative ionization. <i>Analytical Methods</i> , 2010, 2, 1144.	1.3	8
12	A hybrid strategy using global analysis of oxidized fatty acids and bioconversion by <i>Bacillus circulans</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 751-762.	0.7	7
13	5-Hydroxymethyltubercidin exhibits potent antiviral activity against flaviviruses and coronaviruses, including SARS-CoV-2. <i>iScience</i> , 2021, 24, 103120.	1.9	6
14	Characterization of the In Vitro and In Vivo Efficacy of Baloxavir Marboxil against H5 Highly Pathogenic Avian Influenza Virus Infection. <i>Viruses</i> , 2022, 14, 111.	1.5	6
15	Direct Involvement of Arachidonic Acid in the Development of Ear Edema via TRPV3. <i>Journal of Oleo Science</i> , 2017, 66, 591-599.	0.6	5
16	Identification of quinolone derivatives as effective anti-Dengue virus agents. <i>Antiviral Research</i> , 2020, 184, 104969.	1.9	5
17	Acs11 is essential for skin barrier function through the activation of linoleic acid and biosynthesis of 1'-O-acylceramide in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159085.	1.2	3