

Hiroshi Sagara

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,145
citations

623699

14
h-index

580810

25
g-index

27
all docs

27
docs citations

27
times ranked

2200
citing authors

#	ARTICLE	IF	CITATIONS
1	MYCL-mediated reprogramming expands pancreatic insulin-producing cells. <i>Nature Metabolism</i> , 2022, 4, 254-268.	11.9	7
2	Lysophosphatidylcholine acyltransferase 1 controls mitochondrial reactive oxygen species generation and survival of retinal photoreceptor cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101958.	3.4	5
3	Mapping membrane lipids in the developing and adult mouse retina under physiological and pathological conditions using mass spectrometry. <i>Journal of Biological Chemistry</i> , 2021, 296, 100303.	3.4	12
4	Development of Antibody-Fragment-Producing Rice for Neutralization of Human Norovirus. <i>Frontiers in Plant Science</i> , 2021, 12, 639953.	3.6	6
5	Overexpression of Dok-7 in skeletal muscle enhances neuromuscular transmission with structural alterations of neuromuscular junctions: Implications in robustness of neuromuscular transmission. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 214-219.	2.1	11
6	Type I collagen facilitates safe and reliable expansion of human dental pulp stem cells in xenogeneic serum-free culture. <i>Stem Cell Research and Therapy</i> , 2020, 11, 267.	5.5	13
7	Sall1 plays pivotal roles for lens fiber cell differentiation in mouse. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 927-933.	2.1	10
8	Molecular basis for governing the morphology of type-I collagen fibrils by Osteomodulin. <i>Communications Biology</i> , 2018, 1, 33.	4.4	18
9	Characterization of morphological conversion of <i>Helicobacter pylori</i> under anaerobic conditions. <i>Microbiology and Immunology</i> , 2018, 62, 221-228.	1.4	17
10	Influenza C and D Viruses Package Eight Organized Ribonucleoprotein Complexes. <i>Journal of Virology</i> , 2018, 92, .	3.4	39
11	Importance of the 1+7 configuration of ribonucleoprotein complexes for influenza A virus genome packaging. <i>Nature Communications</i> , 2018, 9, 54.	12.8	50
12	Pivotal roles of Fezf2 in differentiation of cone OFF bipolar cells and functional maturation of cone ON bipolar cells in retina. <i>Experimental Eye Research</i> , 2018, 171, 142-154.	2.6	7
13	A subset of cerebrovascular pericytes originates from mature macrophages in the very early phase of vascular development in CNS. <i>Scientific Reports</i> , 2017, 7, 3855.	3.3	73
14	Docosahexaenoic acid preserves visual function by maintaining correct disc morphology in retinal photoreceptor cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 12054-12064.	3.4	113
15	MiR-199a Inhibits Secondary Envelopment of Herpes Simplex Virus-1 Through the Downregulation of Cdc42-specific GTPase Activating Protein Localized in Golgi Apparatus. <i>Scientific Reports</i> , 2017, 7, 6650.	3.3	6
16	Herpes Simplex Virus 1 Small Capsomere-Interacting Protein VP26 Regulates Nucleocapsid Maturation. <i>Journal of Virology</i> , 2017, 91, .	3.4	11
17	Complete and Incomplete Genome Packaging of Influenza A and B Viruses. <i>MBio</i> , 2016, 7, .	4.1	57
18	Extremotolerant tardigrade genome and improved radiotolerance of human cultured cells by tardigrade-unique protein. <i>Nature Communications</i> , 2016, 7, 12808.	12.8	270

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19	Characterization of a Herpes Simplex Virus 1 (HSV-1) Chimera in Which the Us3 Protein Kinase Gene Is Replaced with the HSV-2 Us3 Gene. Journal of Virology, 2016, 90, 457-473.	3.4	13
20	Osteomodulin regulates diameter and alters shape of collagen fibrils. Biochemical and Biophysical Research Communications, 2015, 463, 292-296.	2.1	43
21	Herpes Simplex Virus 1 Recruits CD98 Heavy Chain and β 1 Integrin to the Nuclear Membrane for Viral De-Envelopment. Journal of Virology, 2015, 89, 7799-7812.	3.4	36
22	Neuronal Regulation of Schwann Cell Mitochondrial Ca ²⁺ Signaling during Myelination. Cell Reports, 2015, 12, 1951-1959.	6.4	39
23	Inflammation-induced endothelial cell-derived extracellular vesicles modulate the cellular status of pericytes. Scientific Reports, 2015, 5, 8505.	3.3	134
24	Endogenous Nitrated Nucleotide Is a Key Mediator of Autophagy and Innate Defense against Bacteria. Molecular Cell, 2013, 52, 794-804.	9.7	96
25	Ultracentrifugation deforms unfixed influenza A virions. Journal of General Virology, 2011, 92, 2485-2493.	2.9	30
26	Differentiation of Mature Eosinophils From Human Embryonic and Induced Pluripotent Stem Cells.. Blood, 2010, 116, 1594-1594.	1.4	0
27	Differentiation and morphogenesis in pellet cultures of developing rat retinal cells. , 1997, 377, 341-350.		29