Rikinari Hanayama

List of Publications by Year
in descending order

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39 papers	5,508 citations	361296 20 h-index	315616 38 g-index
39 all docs	39 docs citations	39 times ranked	7420 citing authors

#	Article	IF	Citations
1	Emerging roles of extracellular vesicles in physiology and disease. Journal of Biochemistry, 2021, 169, 135-138.	0.9	19
2	Tumorâ€secreted proliferinâ€1 regulates adipogenesis and lipolysis in cachexia. International Journal of Cancer, 2021, 148, 1982-1992.	2.3	5
3	Structural and mechanical characteristics of exosomes from osteosarcoma cells explored by 3D-atomic force microscopy. Nanoscale, 2021, 13, 6661-6677.	2.8	28
4	Characterization of LILRB3 and LILRA6 allelic variants in the Japanese population. Journal of Human Genetics, 2021, 66, 739-748.	1.1	2
5	Cytoplasmic DNA accumulation preferentially triggers cell death of myeloid leukemia cells by interacting with intracellular DNA sensing pathway. Cell Death and Disease, 2021, 12, 322.	2.7	7
6	Osteosarcoma-Derived Small Extracellular Vesicles Enhance Tumor Metastasis and Suppress Osteoclastogenesis by miR-146a-5p. Frontiers in Oncology, 2021, 11, 667109.	1.3	10
7	Identification of small compounds regulating the secretion of extracellular vesicles via a TIM4-affinity ELISA. Scientific Reports, 2021, 11, 13471.	1.6	7
8	Millisecond dynamic of SARSâ€CoVâ€2 spike and its interaction with ACE2 receptor and small extracellular vesicles. Journal of Extracellular Vesicles, 2021, 10, e12170.	5.5	21
9	Novel properties of myoferlin in glucose metabolism via pathways involving modulation of adipose functions. FASEB Journal, 2020, 34, 2792-2811.	0.2	3
10	High-Speed AFM Reveals Molecular Dynamics of Human Influenza A Hemagglutinin and Its Interaction with Exosomes. Nano Letters, 2020, 20, 6320-6328.	4.5	25
11	Transient IGF-1R inhibition combined with osimertinib eradicates AXL-low expressing EGFR mutated lung cancer. Nature Communications, 2020, 11, 4607.	5.8	69
12	Glioma-derived extracellular vesicles promote tumor progression by conveying WT1. Carcinogenesis, 2020, 41, 1238-1245.	1.3	13
13	Serum milk fat globule-EGF factor 8 (MFG-E8) as a diagnostic and prognostic biomarker in patients with hepatocellular carcinoma. Scientific Reports, 2019, 9, 15788.	1.6	20
14	Development of a Method That Delivers Drugs to Enveloped Viruses. Biological and Pharmaceutical Bulletin, 2019, 42, 977-981.	0.6	3
15	Function and Immunogenicity of Gene-corrected iPSC-derived Hepatocyte-Like Cells in Restoring Low Density Lipoprotein Uptake in Homozygous Familial Hypercholesterolemia. Scientific Reports, 2019, 9, 4695.	1.6	19
16	Aire-expressing ILC3-like cells in the lymph node display potent APC features. Journal of Experimental Medicine, 2019, 216, 1027-1037.	4.2	55
17	Adiponectin/T-cadherin system enhances exosome biogenesis and decreases cellular ceramides by exosomal release. JCI Insight, 2018, 3, .	2.3	122
18	Myoferlin-Mediated Lysosomal Exocytosis Regulates Cytotoxicity by Phagocytes. Journal of Immunology, 2018, 201, 3051-3057.	0.4	13

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19	The Role of Exosomes/Extracellular Vesicles in Neural Signal Transduction. Biological and Pharmaceutical Bulletin, 2018, 41, 1119-1125.	0.6	19
20	Induction of Live Cell Phagocytosis by a Specific Combination of Inflammatory Stimuli. EBioMedicine, 2017, 22, 89-99.	2.7	9
21	High Purity Isolation and Sensitive Quantification of Extracellular Vesicles Using Affinity to TIM4. Current Protocols in Cell Biology, 2017, 77, 3.45.1-3.45.18.	2.3	28
22	MiR-21-5p in urinary extracellular vesicles is a novel biomarker of urothelial carcinoma. Oncotarget, 2017, 8, 24668-24678.	0.8	78
23	A novel affinity-based method for the isolation of highly purified extracellular vesicles. Scientific Reports, 2016, 6, 33935.	1.6	346
24	Neuronal exosomes facilitate synaptic pruning by up-regulating complement factors in microglia. Scientific Reports, 2015, 5, 7989.	1.6	150
25	Two-Step Engulfment of Apoptotic Cells. Molecular and Cellular Biology, 2012, 32, 118-125.	1.1	103
26	The Angelman Syndrome Protein Ube3A Regulates Synapse Development by Ubiquitinating Arc. Cell, 2010, 140, 704-716.	13.5	554
27	Autoimmunity and the Clearance of Dead Cells. Cell, 2010, 140, 619-630.	13.5	751
28	Bridge over troubled water: milk fat globule epidermal growth factor 8 promotes human monocyte-derived macrophage clearance of non-blebbing phosphatidylserine-positive target cells. Cell Death and Differentiation, 2007, 14, 1063-1065.	5.0	25
29	Opposite Effects of Rho Family GTPases on Engulfment of Apoptotic Cells by Macrophages. Journal of Biological Chemistry, 2006, 281, 8836-8842.	1.6	138
30	Impaired involution of mammary glands in the absence of milk fat globule EGF factor 8. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16886-16891.	3.3	121
31	MFG-E8-Dependent Clearance of Apoptotic Cells, and Autoimmunity Caused by Its Failure. , 2005, 9, 162-172.		51
32	Expression of Developmental Endothelial Locus-1 in a Subset of Macrophages for Engulfment of Apoptotic Cells. Journal of Immunology, 2004, 172, 3876-3882.	0.4	134
33	Masking of Phosphatidylserine Inhibits Apoptotic Cell Engulfment and Induces Autoantibody Production in Mice. Journal of Experimental Medicine, 2004, 200, 459-467.	4.2	240
34	Autoimmune Disease and Impaired Uptake of Apoptotic Cells in MFG-E8-Deficient Mice. Science, 2004, 304, 1147-1150.	6.0	895
35	Expression of milk fat globule epidermal growth factor?8 in immature dendritic cells for engulfment of apoptotic cells. European Journal of Immunology, 2004, 34, 1414-1422.	1.6	116
36	Tethering of Apoptotic Cells to Phagocytes through Binding of CD47 to Src Homology 2 Domain-Bearing Protein Tyrosine Phosphatase Substrate-1. Journal of Immunology, 2003, 171, 5718-5726.	0.4	68

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37	Identification of a factor that links apoptotic cells to phagocytes. Nature, 2002, 417, 182-187.	13.7	1,212
38	Association of Polymorphism in the Promoter Region of the Apolipoprotein E Gene with Diastolic Blood Pressure in Normotensive Japanese.. Hypertension Research, 2000, 23, 271-275.	1.5	13
39	A High Expression of Heme Oxygenase-1 in the Liver of LEC Rats at the Stage of Hepatoma: The Possible Implication of Induction in Uninvolved Tissue. Free Radical Research, 1998, 28, 383-391.	1.5	16