

Ji-Hwan Ryu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/942632/publications.pdf>

Version: 2024-02-01

19
papers

1,245
citations

623574

14
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

2716
citing authors

#	ARTICLE	IF	CITATIONS
1	SESN2/sestrin2 suppresses sepsis by inducing mitophagy and inhibiting NLRP3 activation in macrophages. <i>Autophagy</i> , 2016, 12, 1272-1291.	4.3	218
2	A ratiometric fluorescent probe based on a coumarin-hemicyanine scaffold for sensitive and selective detection of endogenous peroxynitrite. <i>Biosensors and Bioelectronics</i> , 2015, 64, 285-291.	5.3	149
3	Synthesis of a highly HOCl-selective fluorescent probe and its use for imaging HOCl in cells and organisms. <i>Nature Protocols</i> , 2016, 11, 1219-1228.	5.5	148
4	Mitophagy: a balance regulator of NLRP3 inflammasome activation. <i>BMB Reports</i> , 2016, 49, 529-535.	1.1	128
5	Distinct TLR-mediated pathways regulate house dust mite-induced allergic disease in the upper and lower airways. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 549-561.	1.5	122
6	Bacterial Uracil Modulates Drosophila DUOX-Dependent Gut Immunity via Hedgehog-Induced Signaling Endosomes. <i>Cell Host and Microbe</i> , 2015, 17, 191-204.	5.1	105
7	Preparation of a cyanine-based fluorescent probe for highly selective detection of glutathione and its use in living cells and tissues of mice. <i>Nature Protocols</i> , 2015, 10, 1742-1754.	5.5	94
8	Functional dynamics of bacterial species in the mouse gut microbiome revealed by metagenomic and metatranscriptomic analyses. <i>PLoS ONE</i> , 2020, 15, e0227886.	1.1	65
9	Innate Immune Responses of the Airway Epithelium. <i>Molecules and Cells</i> , 2010, 30, 173-184.	1.0	47
10	ADCK4 Deficiency Destabilizes the Coenzyme Q Complex, Which Is Rescued by 2,4-Dihydroxybenzoic Acid Treatment. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1191-1211.	3.0	38
11	Naphthalene-based fluorescent probes for glutathione and their applications in living cells and patients with sepsis. <i>Theranostics</i> , 2018, 8, 1411-1420.	4.6	31
12	The Induction of Pattern-Recognition Receptor Expression against Influenza A Virus through Duox2-Derived Reactive Oxygen Species in Nasal Mucosa. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 525-535.	1.4	28
13	Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced acute Lung Injury. <i>Theranostics</i> , 2020, 10, 9913-9922.	4.6	25
14	Inhibition of mitogen-activated protein kinase by a Drosophila dual-specific phosphatase. <i>Biochemical Journal</i> , 2000, 349, 821-828.	1.7	17
15	The ferrichrome receptor A as a new target for <i>Pseudomonas aeruginosa</i> virulence attenuation. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw104.	0.7	15
16	Proteomic analysis-based discovery of a novel biomarker that differentiates intestinal Behçet's disease from Crohn's disease. <i>Scientific Reports</i> , 2021, 11, 11019.	1.6	5
17	Quantitative Proteomic Analysis of the Expression of SARS-CoV-2 Receptors in the Gut of Patients with Chronic Enterocolitis. <i>Yonsei Medical Journal</i> , 2020, 61, 891.	0.9	5
18	Impairment of Mitochondrial ATP Synthesis Induces RIPK3-dependent Necroptosis in Lung Epithelial Cells During Lung Injury by Lung Inflammation. <i>Immune Network</i> , 2022, 22, e18.	1.6	5

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19	Identification and characterization of a Drosophila Dual-Specific MAP kinase phosphatase. <i>Biochemical Society Transactions</i> , 2000, 28, A427-A427.	1.6	0