

Keiji Kuba

List of Publications by Year in descending order

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41
papers

9,515
citations

257450
24
h-index

345221
36
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43
all docs

43
docs citations

43
times ranked

15594
citing authors

#	ARTICLE	IF	CITATIONS
1	A crucial role of angiotensin converting enzyme 2 (ACE2) in SARS coronavirus-induced lung injury. Nature Medicine, 2005, 11, 875-879.	30.7	2,986
2	Angiotensin-converting enzyme 2 protects from severe acute lung failure. Nature, 2005, 436, 112-116.	27.8	2,264
3	ACE2 links amino acid malnutrition to microbial ecology and intestinal inflammation. Nature, 2012, 487, 477-481.	27.8	1,035
4	Trilogy of ACE2: A peptidase in the renin-angiotensin system, a SARS receptor, and a partner for amino acid transporters. , 2010, 128, 119-128.		400
5	The Lipid Mediator Protectin D1 Inhibits Influenza Virus Replication and Improves Severe Influenza. Cell, 2013, 153, 112-125.	28.9	399
6	Angiotensin-converting enzyme 2 in lung diseases. Current Opinion in Pharmacology, 2006, 6, 271-276.	3.5	342
7	Impaired Heart Contractility in Apelin Gene-Deficient Mice Associated With Aging and Pressure Overload. Circulation Research, 2007, 101, e32-42.	4.5	260
8	Tissue-Specific Amino Acid Transporter Partners ACE2 and Collectrin Differentially Interact With Hartnup Mutations. Gastroenterology, 2009, 136, 872-882.e3.	1.3	239
9	A Global In Vivo Drosophila RNAi Screen Identifies NOT3 as a Conserved Regulator of Heart Function. Cell, 2010, 141, 142-153.	28.9	199
10	Apelin Treatment Increases Complete Fatty Acid Oxidation, Mitochondrial Oxidative Capacity, and Biogenesis in Muscle of Insulin-Resistant Mice. Diabetes, 2012, 61, 310-320.	0.6	173
11	Multiple Functions of Angiotensin-Converting Enzyme 2 and Its Relevance in Cardiovascular Diseases. Circulation Journal, 2013, 77, 301-308.	1.6	162
12	Apelin is a positive regulator of ACE2 in failing hearts. Journal of Clinical Investigation, 2013, 123, 5203-5211.	8.2	143
13	Lessons from SARS: control of acute lung failure by the SARS receptor ACE2. Journal of Molecular Medicine, 2006, 84, 814-820.	3.9	120
14	ELABELA-APJ axis protects from pressure overload heart failure and angiotensin II-induced cardiac damage. Cardiovascular Research, 2017, 113, 760-769.	3.8	111
15	The Arachidonic Acid Metabolome Serves as a Conserved Regulator of Cholesterol Metabolism. Cell Metabolism, 2014, 20, 787-798.	16.2	92
16	Apelin and Elabela/Toddler; double ligands for APJ/Apelin receptor in heart development, physiology, and pathology. Peptides, 2019, 111, 62-70.	2.4	65
17	Loss of Apela Peptide in Mice Causes Low Penetrance Embryonic Lethality and Defects in Early Mesodermal Derivatives. Cell Reports, 2017, 20, 2116-2130.	6.4	53
18	The CCR4-NOT deadenylase complex controls Atg7-dependent cell death and heart function. Science Signaling, 2018, 11, .	3.6	51

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19	B38-CAP is a bacteria-derived ACE2-like enzyme that suppresses hypertension and cardiac dysfunction. Nature Communications, 2020, 11, 1058.	12.8	48
20	Cationic nanoparticles directly bind angiotensin-converting enzyme 2 and induce acute lung injury in mice. Particle and Fibre Toxicology, 2015, 12, 4.	6.2	44
21	Loss of Apelin Augments Angiotensin II-Induced Cardiac Dysfunction and Pathological Remodeling. International Journal of Molecular Sciences, 2019, 20, 239.	4.1	37
22	m ⁶ A demethylase ALKBH5 promotes proliferation of esophageal squamous cell carcinoma associated with poor prognosis. Genes To Cells, 2020, 25, 547-561.	1.2	37
23	Angiotensin-Converting Enzyme 2 (ACE2) in the Pathogenesis of ARDS in COVID-19. Frontiers in Immunology, 2021, 12, 732690.	4.8	34
24	ACE2-like carboxypeptidase B38-CAP protects from SARS-CoV-2-induced lung injury. Nature Communications, 2021, 12, 6791.	12.8	32
25	Interaction of CCR4- NOT with EBF1 regulates gene-specific transcription and mRNA stability in B lymphopoiesis. Genes and Development, 2016, 30, 2310-2324.	5.9	29
26	Essential functions of the CNOT7/8 catalytic subunits of the CCR4- NOT complex in mRNA regulation and cell viability. RNA Biology, 2020, 17, 403-416.	3.1	27
27	The role of ACE2 in pulmonary diseases--relevance for the nephrologist. Nephrology Dialysis Transplantation, 2009, 24, 1362-1365.	0.7	26
28	Highly susceptible SARS-CoV-2 model in CAG promoter-driven hACE2-transgenic mice. JCI Insight, 2021, 6, .	5.0	21
29	Eosinophils promote corneal wound healing via the 12/15-lipoxygenase pathway. FASEB Journal, 2020, 34, 12492-12501.	0.5	18
30	The CCR4- NOT complex maintains liver homeostasis through mRNA deadenylation. Life Science Alliance, 2020, 3, e201900494.	2.8	17
31	Incomplete antiviral treatment may induce longer durations of viral shedding during SARS-CoV-2 infection. Life Science Alliance, 2021, 4, e202101049.	2.8	14
32	Structure-activity relationship of cyclic pentapeptide malformins as fibrinolysis enhancers. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5267-5271.	2.2	11
33	The CCR4- NOT Deadenylation Complex Maintains Adipocyte Identity. International Journal of Molecular Sciences, 2019, 20, 5274.	4.1	11
34	Involvement of RSK1 activation in malformin-enhanced cellular fibrinolytic activity. Scientific Reports, 2018, 8, 5472.	3.3	5
35	Peritumoral CD16b positive-neutrophil accumulation strongly correlates with regional lymph node metastasis in thoracic esophageal squamous cell cancer. Surgery, 2022, 171, 1535-1542.	1.9	4
36	Virus database annotations assist in tracing information on patients infected with emerging pathogens. Informatics in Medicine Unlocked, 2020, 21, 100442.	3.4	3

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37	Genome-scale CRISPR/Cas9 Screening Reveals Squalene Epoxidase as a Susceptibility Factor for Cytotoxicity of Malformin...A1. ChemBioChem, 2019, 20, 1563-1568.	2.6	1
38	Suppression of SARS-CoV-2-induced lung injury by ACE2-like carboxypeptidase B38-CAP in COVID-19 mouse model. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 2-P2-LB48.	0.0	0
39	A bacteria-derived ACE2-like enzyme suppresses cardiac remodeling and dysfunction in mice.. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 2-YIA-09.	0.0	0
40	Spatial transcriptome analysis revealed novel regulatory mechanism of tumor metastasis. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 2-O-045.	0.0	0
41	Therapeutic effects of angiotensin converting enzyme 2 (ACE2) enzyme activity on acute lung injury in COVID-19. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 2-O-041.	0.0	0