

Takanori Komada

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,462
citations

471509

17
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

1973
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of inflammasomes in kidney disease. <i>Nature Reviews Nephrology</i> , 2019, 15, 501-520.	9.6	196
2	Ferroptosis driven by radical oxidation of n-6 polyunsaturated fatty acids mediates acetaminophen-induced acute liver failure. <i>Cell Death and Disease</i> , 2020, 11, 144.	6.3	166
3	Iron overload as a risk factor for hepatic ischemia-reperfusion injury in liver transplantation: Potential role of ferroptosis. <i>American Journal of Transplantation</i> , 2020, 20, 1606-1618.	4.7	146
4	Shiga Toxin/Lipopolysaccharide Activates Caspase-4 and Gasdermin D to Trigger Mitochondrial Reactive Oxygen Species Upstream of the NLRP3 Inflammasome. <i>Cell Reports</i> , 2018, 25, 1525-1536.e7.	6.4	117
5	Macrophage Uptake of Necrotic Cell DNA Activates the AIM2 Inflammasome to Regulate a Proinflammatory Phenotype in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1165-1181.	6.1	107
6	Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H508-H518.	3.2	93
7	Role of NLRP3 Inflammasomes for Rhabdomyolysis-induced Acute Kidney Injury. <i>Scientific Reports</i> , 2015, 5, 10901.	3.3	87
8	Renal immune surveillance and dipeptidase-1 contribute to contrast-induced acute kidney injury. <i>Journal of Clinical Investigation</i> , 2018, 128, 2894-2913.	8.2	74
9	GSDME-Dependent Incomplete Pyroptosis Permits Selective IL-1 β Release under Caspase-1 Inhibition. <i>IScience</i> , 2020, 23, 101070.	4.1	67
10	ASC in Renal Collecting Duct Epithelial Cells Contributes to Inflammation and Injury after Unilateral Ureteral Obstruction. <i>American Journal of Pathology</i> , 2014, 184, 1287-1298.	3.8	60
11	NLRP3 Protein Deficiency Exacerbates Hyperoxia-induced Lethality through Stat3 Protein Signaling Independent of Interleukin-1 β . <i>Journal of Biological Chemistry</i> , 2015, 290, 5065-5077.	3.4	53
12	Oligomerized CARD16 promotes caspase-1 assembly and IL-1 β processing. <i>FEBS Open Bio</i> , 2015, 5, 348-356.	2.3	45
13	Crucial role of NLRP3 inflammasome in a murine model of Kawasaki disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 138, 185-196.	1.9	37
14	NLRP3 Inflammasome Activation in Lung Vascular Endothelial Cells Contributes to Intestinal Ischemia/Reperfusion-Induced Acute Lung Injury. <i>Journal of Immunology</i> , 2020, 205, 1393-1405.	0.8	28
15	Immunoproteasome subunit LMP7 Deficiency Improves Obesity and Metabolic Disorders. <i>Scientific Reports</i> , 2015, 5, 15883.	3.3	24
16	Glucose regulates hypoxia-induced NLRP3 inflammasome activation in macrophages. <i>Journal of Cellular Physiology</i> , 2020, 235, 7554-7566.	4.1	24
17	dsDNA-induced AIM2 pyroptosis halts aberrant inflammation during rhabdomyolysis-induced acute kidney injury. <i>Cell Death and Differentiation</i> , 2022, 29, 2487-2502.	11.2	23
18	Inflammasome-Independent and Atypical Processing of IL-1 β Contributes to Acid Aspiration-Induced Acute Lung Injury. <i>Journal of Immunology</i> , 2019, 203, 236-246.	0.8	19

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19	Calcioprotein Particles Induce IL-1 β -Mediated Inflammation through NLRP3 Inflammasome-Dependent and -Independent Mechanisms. <i>ImmunoHorizons</i> , 2021, 5, 602-614.	1.8	16
20	Role of TLR5 in inflammation and tissue damage after intestinal ischemia-reperfusion injury. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 15-22.	2.1	15
21	Crucial Role of NLRP3 Inflammasome in the Development of Peritoneal Dialysis-related Peritoneal Fibrosis. <i>Scientific Reports</i> , 2019, 9, 10363.	3.3	14
22	AIM2 Suppresses Inflammation and Epithelial Cell Proliferation during Glomerulonephritis. <i>Journal of Immunology</i> , 2021, 207, 2799-2812.	0.8	10
23	Henoch-Schönlein purpura complicated with severe gastrointestinal bleeding. <i>CEN Case Reports</i> , 2015, 4, 106-111.	0.9	9
24	Cryo-sensitive aggregation triggers NLRP3 inflammasome assembly in cryopyrin-associated periodic syndrome. <i>ELife</i> , 0, 11, .	6.0	9
25	Acute Kidney Injury in a Patient with Nephrotic Syndrome due to Focal Segmental Glomerular Nephritis Induced by a Single Oral Administration of High-dose Bisphosphonate (Minodronate). <i>Internal Medicine</i> , 2013, 52, 1383-1387.	0.7	7
26	ASC regulates platelet activation and contributes to thrombus formation independent of NLRP3 inflammasome. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 125-132.	2.1	5
27	Acetaminophen-induced hepatotoxicity: different mechanisms of acetaminophen-induced ferroptosis and mitochondrial damage. <i>Archives of Toxicology</i> , 2020, 94, 2255-2257.	4.2	4
28	Comparative Impact of Isolated Ultrafiltration and Hemodialysis on Fluid Distribution: A Bioimpedance Study. <i>Blood Purification</i> , 2022, 51, 492-502.	1.8	1
29	Protection of Dialysis Staff From COVID-19 Infection: Setting Up and Impact of Extended Blood Lines During Dialysis. <i>ASAIO Journal</i> , 2020, 66, 1073-1075.	1.6	0