

Ken Shirato

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

648
citations

687363

13
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 spike protein S1 subunit induces pro-inflammatory responses via toll-like receptor 4 signaling in murine and human macrophages. <i>Heliyon</i> , 2021, 7, e06187.	3.2	172
2	Hypoxic regulation of glycosylation via the N-acetylglucosamine cycle. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 48, 20-25.	1.4	62
3	Exercise Training Attenuates the Dysregulated Expression of Adipokines and Oxidative Stress in White Adipose Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	52
4	Direct and Indirect Suppression of Interleukin-6 Gene Expression in Murine Macrophages by Nuclear Orphan Receptor REV-ERB α . <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	2.1	45
5	Screening for seemingly healthy newborns with congenital cytomegalovirus infection by quantitative real-time polymerase chain reaction using newborn urine: an observational study. <i>BMJ Open</i> , 2017, 7, e013810.	1.9	42
6	Hypoxia-inducible factor-1 α suppresses the expression of macrophage scavenger receptor 1. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 459, 93-103.	2.8	36
7	The Molecular Mechanism Underlying Continuous Exercise Training-Induced Adaptive Changes of Lipolysis in White Adipose Cells. <i>Journal of Obesity</i> , 2015, 2015, 1-10.	2.7	25
8	β -2-Agonist Clenbuterol Induced Changes in the Distribution of White Blood Cells in Rats. <i>Journal of Pharmacological Sciences</i> , 2007, 104, 146-152.	2.5	23
9	Flagellin/Toll-like receptor 5 response was specifically attenuated by keratan sulfate disaccharide via decreased EGFR phosphorylation in normal human bronchial epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 460-465.	2.1	22
10	Effects of two types of inactivity on the number of white blood cells in rats. <i>European Journal of Applied Physiology</i> , 2006, 98, 590-600.	2.5	20
11	Phenoxazine Derivatives 2-Amino-4,4-ALPHA-dihydro-4-ALPHA-phenoxazine-3-one and 2-Aminophenoxazine-3-one-Induced Apoptosis through a Caspase-Independent Mechanism in Human Neuroblastoma Cell Line NB-1 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 331-336.	1.4	20
12	Effect of Circadian Rhythm on Clinical and Pathophysiological Conditions and Inflammation. <i>Critical Reviews in Immunology</i> , 2015, 35, 261-275.	0.5	20
13	Regular Voluntary Exercise Potentiates Interleukin-1 α and Interleukin-18 Secretion by Increasing Caspase-1 Expression in Murine Macrophages. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	3.0	18
14	Standardized Extract of <i>Asparagus officinalis</i> Stem Attenuates SARS-CoV-2 Spike Protein-Induced IL-6 and IL-1 β Production by Suppressing p44/42 MAPK and Akt Phosphorylation in Murine Primary Macrophages. <i>Molecules</i> , 2021, 26, 6189.	3.8	14
15	Anti-Inflammatory Effect of ETAS $\text{\textcircled{A}}$ 50 by Inhibiting Nuclear Factor- κ B p65 Nuclear Import in Ultraviolet-B-Irradiated Normal Human Dermal Fibroblasts. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-8.	1.2	13
16	Apoptosis Induction Preceded by Mitochondrial Depolarization in Multiple Myeloma Cell Line U266 by 2-Aminophenoxazine-3-one. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 62-67.	1.4	12
17	Macrophage Meets the Circadian Clock: Implication of the Circadian Clock in the Role of Macrophages in Acute Lower Respiratory Tract Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 826738.	3.9	10
18	β -2-Agonist Clenbuterol Suppresses Bacterial Phagocytosis of Splenic Macrophages Expressing High Levels of Macrophage Receptor with Collagenous Structure. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 475-480.	1.4	7

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19	Enzyme-Treated Asparagus Extract Attenuates Hydrogen Peroxide-Induced Matrix Metalloproteinase-9 Expression in Murine Skin Fibroblast L929 Cells. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	7
20	Habitual exercise training acts as a physiological stimulator for constant activation of lipolytic enzymes in rat primary white adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 348-353.	2.1	6
21	A standardized extract of <i>Asparagus officinalis</i> stem prevents reduction in heat shock protein 70 expression in ultraviolet-B-irradiated normal human dermal fibroblasts: an in vitro study. <i>Environmental Health and Preventive Medicine</i> , 2018, 23, 40.	3.4	6
22	Phenoxazine derivatives induce caspase-independent cell death in human glioblastoma cell lines, A-172 and U-251 MG. <i>Oncology Reports</i> , 2007, 17, 201.	2.6	5
23	Posttranscriptional Suppression of Lipopolysaccharide-Stimulated Inflammatory Responses by Macrophages in Middle-Aged Mice: A Possible Role for Eukaryotic Initiation Factor 2 β . <i>International Journal of Inflammation</i> , 2014, 2014, 1-12.	1.5	4
24	ETAS [®] 50 Attenuates Ultraviolet-B-Induced Interleukin-6 Expression by Suppressing Akt Phosphorylation in Normal Human Dermal Fibroblasts. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-8.	1.2	4
25	Enzyme-Treated Asparagus Extract Prevents Hydrogen Peroxide-Induced Pro-Inflammatory Responses by Suppressing p65 Nuclear Translocation in Skin L929 Fibroblasts. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601101.	0.5	2
26	Effects of exercise on the hexosamine biosynthetic pathway and glycosylation. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2012, 1, 145-150.	0.3	1