

Yi Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1939460/publications.pdf>

Version: 2024-02-01

38
papers

1,388
citations

331670

21
h-index

345221

36
g-index

39
all docs

39
docs citations

39
times ranked

1877
citing authors

#	ARTICLE	IF	CITATIONS
1	Saturated palmitic acid induces myocardial inflammatory injuries through direct binding to TLR4 accessory protein MD2. <i>Nature Communications</i> , 2017, 8, 13997.	12.8	166
2	Inhibition of JNK Phosphorylation by a Novel Curcumin Analog Prevents High Glucose-Induced Inflammation and Apoptosis in Cardiomyocytes and the Development of Diabetic Cardiomyopathy. <i>Diabetes</i> , 2014, 63, 3497-3511.	0.6	160
3	MD2 activation by direct AGE interaction drives inflammatory diabetic cardiomyopathy. <i>Nature Communications</i> , 2020, 11, 2148.	12.8	90
4	Inhibition of STAT3 in tubular epithelial cells prevents kidney fibrosis and nephropathy in STZ-induced diabetic mice. <i>Cell Death and Disease</i> , 2019, 10, 848.	6.3	75
5	MD2 as the target of a novel small molecule, L6H21, in the attenuation of LPS-induced inflammatory response and sepsis. <i>British Journal of Pharmacology</i> , 2015, 172, 4391-4405.	5.4	69
6	Curcumin Analog L48H37 Prevents Lipopolysaccharide-Induced TLR4 Signaling Pathway Activation and Sepsis via Targeting MD2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 539-550.	2.5	64
7	Blockage of ROS and NF- κ B-mediated inflammation by a new chalcone L6H9 protects cardiomyocytes from hyperglycemia-induced injuries. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1230-1241.	3.8	60
8	Curcuminoid B63 induces ROS-mediated paraptosis-like cell death by targeting TrxR1 in gastric cells. <i>Redox Biology</i> , 2019, 21, 101061.	9.0	60
9	Cell-penetrating peptide TAT-mediated delivery of acidic FGF to retina and protection against ischemia-reperfusion injury in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1998-2005.	3.6	51
10	Metabolism-Associated Molecular Patterns (MAMPs). <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 712-724.	7.1	44
11	Angiotensin II Causes Biphasic STAT3 Activation Through TLR4 to Initiate Cardiac Remodeling. <i>Hypertension</i> , 2018, 72, 1301-1311.	2.7	43
12	Pattern recognition receptor-mediated inflammation in diabetic vascular complications. <i>Medicinal Research Reviews</i> , 2020, 40, 2466-2484.	10.5	36
13	Exercise-Induced Irisin Decreases Inflammation and Improves NAFLD by Competitive Binding with MD2. <i>Cells</i> , 2021, 10, 3306.	4.1	36
14	Schisandrin A inhibits triple negative breast cancer cells by regulating Wnt/ER stress signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108922.	5.6	35
15	Discovery and identification of new non-ATP competitive FGFR1 inhibitors with therapeutic potential on non-small-cell lung cancer. <i>Cancer Letters</i> , 2014, 344, 82-89.	7.2	32
16	Kaempferol attenuates streptozotocin-induced diabetic nephropathy by downregulating TRAF6 expression: The role of TRAF6 in diabetic nephropathy. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113553.	4.1	32
17	Blockade of myeloid differentiation 2 attenuates diabetic nephropathy by reducing activation of the renin-angiotensin system in mouse kidneys. <i>British Journal of Pharmacology</i> , 2019, 176, 2642-2657.	5.4	31
18	Novel allylated monocarbonyl analogs of curcumin induce mitotic arrest and apoptosis by reactive oxygen species-mediated endoplasmic reticulum stress and inhibition of STAT3. <i>Oncotarget</i> , 2017, 8, 101112-101129.	1.8	27

#	ARTICLE	IF	CITATIONS
19	A synthetic compound, 1,5-bis(2-methoxyphenyl)penta-1,4-dien-3-one (B63), induces apoptosis and activates endoplasmic reticulum stress in non-small cell lung cancer cells. <i>International Journal of Cancer</i> , 2012, 131, 1455-1465.	5.1	26
20	Selective targeting of the TLR4 co-receptor, MD2, prevents colon cancer growth and lung metastasis. <i>International Journal of Biological Sciences</i> , 2020, 16, 1288-1301.	6.4	26
21	MD2 Blockage Protects Obesity-Induced Vascular Remodeling via Activating AMPK/Nrf2. <i>Obesity</i> , 2017, 25, 1532-1539.	3.0	22
22	FAK mediates LPS-induced inflammatory lung injury through interacting TAK1 and activating TAK1-NF κ B pathway. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	20
23	Inhibition of STAT3 activation mediated by toll-like receptor 4 attenuates angiotensin II-induced renal fibrosis and dysfunction. <i>British Journal of Pharmacology</i> , 2019, 176, 2627-2641.	5.4	19
24	Inhibition of myeloid differentiation factor-2 attenuates obesity-induced cardiomyopathy and fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 252-262.	3.8	17
25	<p>Allylated Curcumin Analog CA6 Inhibits TrxR1 and Leads to ROS-Dependent Apoptotic Cell Death in Gastric Cancer Through Akt-FoxO3a</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 247-263.	1.9	16
26	MD2 blockade prevents oxLDL-induced renal epithelial cell injury and protects against high-fat-diet-induced kidney dysfunction. <i>Journal of Nutritional Biochemistry</i> , 2019, 70, 47-55.	4.2	15
27	Myeloid differentiation protein 2-dependent mechanisms in retinal ischemia-reperfusion injury. <i>Toxicology and Applied Pharmacology</i> , 2017, 317, 1-11.	2.8	13
28	Myeloid differentiation protein 2 induced retinal ischemia reperfusion injury via upregulation of ROS through a TLR4-NOX4 pathway. <i>Toxicology Letters</i> , 2018, 282, 109-120.	0.8	13
29	Pharmacological inhibition of MyD88 suppresses inflammation in tubular epithelial cells and prevents diabetic nephropathy in experimental mice. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 354-366.	6.1	12
30	A novel imidazopyridine derivative, X22, prevents the retinal ischemia-reperfusion injury via inhibition of MAPKs. <i>Experimental Eye Research</i> , 2015, 135, 26-36.	2.6	11
31	Curcumin analog, WZ37, promotes G2/M arrest and apoptosis of HNSCC cells through Akt/mTOR inhibition. <i>Toxicology in Vitro</i> , 2020, 65, 104754.	2.4	10
32	Chalcone derivatives ameliorate lipopolysaccharide-induced acute lung injury and inflammation by targeting MD2. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 76-85.	6.1	10
33	DL-3-n-butylphthalide prevents oxidative stress and atherosclerosis by targeting Keap-1 and inhibiting Keap-1/Nrf-2 interaction. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 172, 106164.	4.0	10
34	Sclareol ameliorates hyperglycemia-induced renal injury through inhibiting the <sc>MAPK</sc> / <sc>NF κ B</sc> signaling pathway. <i>Phytotherapy Research</i> , 2022, , .	5.8	10
35	MD2 blockade prevents modified LDL-induced retinal injury in diabetes by suppressing NADPH oxidase-4 interaction with Toll-like receptor-4. <i>Experimental and Molecular Medicine</i> , 2021, 53, 681-694.	7.7	9
36	Flavokawain B alleviates LPS-induced acute lung injury via targeting myeloid differentiation factor 2. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1758-1768.	6.1	9

#	ARTICLE	IF	CITATIONS
37	<p>Indole-2-Carboxamide Derivative LG25 Inhibits Triple-Negative Breast Cancer Growth By Suppressing Akt/mTOR/NF-κB Signalling Pathway. Drug Design, Development and Therapy, 2019, Volume 13, 3539-3550.</p>	4.3	7
38	<p>Myeloid differential protein-2 inhibition improves diabetic cardiomyopathy via p38MAPK inhibition and AMPK pathway activation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166369.</p>	3.8	1