

# Yi Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,388  
citations

331670

21  
h-index

345221

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39  
docs citations

39  
times ranked

1877  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 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        |
| 2  | 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        |
| 3  | 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         |
| 4  | Myeloid differential protein-2 inhibition improves diabetic cardiomyopathy via p38MAPK inhibition and AMPK pathway activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166369.                     | 3.8  | 1         |
| 5  | 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        |
| 6  | Sciareol ameliorates hyperglycemia-induced renal injury through inhibiting the MAPK / NF- $\kappa$ B signaling pathway. <i>Phytotherapy Research</i> , 2022, , .   | 5.8  | 10        |
| 7  | FAK mediates LPS-induced inflammatory lung injury through interacting TAK1 and activating TAK1-NF- $\kappa$ B pathway. <i>Cell Death and Disease</i> , 2022, 13, .   | 6.3  | 20        |
| 8  | 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        |
| 9  | 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         |
| 10 | Exercise-Induced Irisin Decreases Inflammation and Improves NAFLD by Competitive Binding with MD2. <i>Cells</i> , 2021, 10, 3306.  | 4.1  | 36        |
| 11 | 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        |
| 12 | Pattern recognition receptor-mediated inflammation in diabetic vascular complications. <i>Medicinal Research Reviews</i> , 2020, 40, 2466-2484.  | 10.5 | 36        |
| 13 | Metabolism-Associated Molecular Patterns (MAMPs). <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 712-724.   | 7.1  | 44        |
| 14 | MD2 activation by direct AGE interaction drives inflammatory diabetic cardiomyopathy. <i>Nature Communications</i> , 2020, 11, 2148.   | 12.8 | 90        |
| 15 | 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        |
| 16 | &lt;p&gt;Allylated Curcumin Analog CA6 Inhibits TrxR1 and Leads to ROS-Dependent Apoptotic Cell Death in Gastric Cancer Through Akt-FoxO3a&lt;/p&gt;. <i>Cancer Management and Research</i> , 2020, Volume 12, 247-263.                    | 1.9  | 16        |
| 17 | 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        |
| 18 | &lt;p&gt;Indole-2-Carboxamide Derivative LG25 Inhibits Triple-Negative Breast Cancer Growth By Suppressing Akt/mTOR/NF- $\kappa$ B Signalling Pathway&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 3539-3550. | 4.3  | 7         |

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|----|---|------|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | 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        |
| 23 | 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        |
| 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 | 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        |
| 26 | Angiotensin II Causes Biphasic STAT3 Activation Through TLR4 to Initiate Cardiac Remodeling. <i>Hypertension</i> , 2018, 72, 1301-1311.   | 2.7  | 43        |
| 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 | 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       |
| 29 | MD2 Blockage Protects Obesity-Induced Vascular Remodeling via Activating AMPK/Nrf2. <i>Obesity</i> , 2017, 25, 1532-1539.   | 3.0  | 22        |
| 30 | 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        |
| 31 | 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        |
| 32 | 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        |
| 33 | 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        |
| 34 | Blockage of ROS and NF- $\kappa$ 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        |
| 35 | 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        |
| 36 | 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       |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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        |