

# Pei-Min Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

533  
citations

687363  
13  
h-index

752698  
20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

471  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | NLRP1 and NLRP3 inflammasomes mediate LPS/ATP-induced pyroptosis in knee osteoarthritis. <i>Molecular Medicine Reports</i> , 2018, 17, 5463-5469.  | 2.4 | 96        |
| 2  | Inhibition of Synovial Macrophage Pyroptosis Alleviates Synovitis and Fibrosis in Knee Osteoarthritis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-11.  | 3.0 | 70        |
| 3  | Increased HIF-1 $\alpha$ in Knee Osteoarthritis Aggravate Synovial Fibrosis via Fibroblast-Like Synoviocyte Pyroptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.                             | 4.0 | 55        |
| 4  | Casticin suppresses monoiodoacetic acid-induced knee osteoarthritis through inhibiting HIF-1 $\alpha$ /NLRP3 inflammasome signaling. <i>International Immunopharmacology</i> , 2020, 86, 106745.                         | 3.8 | 38        |
| 5  | <p><Chrysin Attenuates the NLRP3 Inflammasome Cascade to Reduce Synovitis and Pain in KOA Rats</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3015-3027.  | 4.3 | 31        |
| 6  | Network Pharmacology Approach to Uncover the Mechanism Governing the Effect of Radix Achyranthis Bidentatae on Osteoarthritis. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 121.                          | 2.7 | 31        |
| 7  | Transient Receptor Potential Ankyrin 1 (TRPA1) Mediates Lipopolysaccharide (LPS)-Induced Inflammatory Responses in Primary Human Osteoarthritic Fibroblast-Like Synoviocytes. <i>Inflammation</i> , 2018, 41, 700-709.   | 3.8 | 27        |
| 8  | Transient receptor potential ankyrin 1 (trpa1) mediates il-1 $\beta$ -induced apoptosis in rat chondrocytes via calcium overload and mitochondrial dysfunction. <i>Journal of Inflammation</i> , 2018, 15, 27.           | 3.4 | 27        |
| 9  | Relationship between the pyroptosis of fibroblast-like synoviocytes and HMGB1 secretion in knee osteoarthritis. <i>Molecular Medicine Reports</i> , 2020, 23, .  | 2.4 | 26        |
| 10 | Network Pharmacology Approach to Uncover the Mechanism Governing the Effect of Simiao Powder on Knee Osteoarthritis. <i>BioMed Research International</i> , 2020, 2020, 1-13.  | 1.9 | 22        |
| 11 | Calycosin mitigates chondrocyte inflammation and apoptosis by inhibiting the PI3K/AKT and NF- $\kappa$ B pathways. <i>Journal of Ethnopharmacology</i> , 2022, 297, 115536.  | 4.1 | 19        |
| 12 | Vanillic Acid Reduces Pain-Related Behavior in Knee Osteoarthritis Rats Through the Inhibition of NLRP3 Inflammasome-Related Synovitis. <i>Frontiers in Pharmacology</i> , 2020, 11, 599022.                             | 3.5 | 17        |
| 13 | Mechanism of TRPA1 and TRPV4 Participating in Mechanical Hyperalgesia of Rat Experimental Knee Osteoarthritis. <i>Archives of Rheumatology</i> , 2017, 32, 96-104.   | 0.9 | 16        |
| 14 | Agnuside Alleviates Synovitis and Fibrosis in Knee Osteoarthritis through the Inhibition of HIF-1 $\alpha$ and NLRP3 Inflammasome. <i>Mediators of Inflammation</i> , 2021, 2021, 1-11.                                  | 3.0 | 15        |
| 15 | Interventional effects of the direct application of "Sanse powder" on knee osteoarthritis in rats as determined from lipidomics via UPLC-Q-Exactive Orbitrap MS. <i>Chinese Medicine</i> , 2020, 15, 9.                  | 4.0 | 12        |
| 16 | Imperatorin alleviated NLR family pyrin domain-containing 3 inflammasome cascade-induced synovial fibrosis and synovitis in rats with knee osteoarthritis. <i>Bioengineered</i> , 2021, 12, 12954-12964.                 | 3.2 | 10        |
| 17 | Interventional Effects of the Topical of "Sanse Powder"•Essential Oils Nanoemulsion on Knee Osteoarthritis in Rats by Targeting the ERS/TXNIP/NLRP3 Signaling Axis. <i>Frontiers in Pharmacology</i> , 2021, 12, 739644. | 3.5 | 8         |
| 18 | Effect of Ultrasound-Enhanced Transdermal Drug Delivery Efficiency of Nanoparticles and Brucine. <i>BioMed Research International</i> , 2017, 2017, 1-8.   | 1.9 | 7         |

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|----|--|-----|-----------|
| 19 | Meta-analysis of the association of IL1-RN variable number of tandem repeats polymorphism with osteoarthritis risk. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2019, 53, 497-501.  | 0.8 | 3         |
| 20 | Sanse Powder Essential Oil Nanoemulsion Negatively Regulates TRPA1 by AMPK/mTOR Signaling in Synovitis: Knee Osteoarthritis Rat Model and Fibroblast-Like Synoviocyte Isolates. <i>Mediators of Inflammation</i> , 2021, 2021, 1-15. | 3.0 | 3         |
| 21 | Should synovectomy be performed during total knee arthroplasty for knee osteoarthritis. <i>Medicine (United States)</i> , 2021, 100, e27820.   | 1.0 | 0         |