

Do-Wan Shim

List of Publications by Year in descending order

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27
papers

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1304
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Inhibition of glutamine utilization sensitizes lung cancer cells to apigenin-induced apoptosis resulting from metabolic and oxidative stress. <i>International Journal of Oncology</i> , 2016, 48, 399-408. | 3.3 | 70 |
| 2 | BOT-4-one attenuates NLRP3 inflammasome activation: NLRP3 alkylation leading to the regulation of its ATPase activity and ubiquitination. <i>Scientific Reports</i> , 2017, 7, 15020. | 3.3 | 68 |
| 3 | Anti-Inflammatory Effect of Emodin via Attenuation of NLRP3 Inflammasome Activation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 8102-8109. | 4.1 | 67 |
| 4 | Posttranslational Regulation of the NLR Family Pyrin Domain-Containing 3 Inflammasome. <i>Frontiers in Immunology</i> , 2018, 9, 1054. | 4.8 | 67 |
| 5 | Anti-inflammatory and anti-allergic effects of <i>Agrimonia pilosa</i> Ledeb extract on murine cell lines and OVA-induced airway inflammation. <i>Journal of Ethnopharmacology</i> , 2012, 140, 213-221. | 4.1 | 51 |
| 6 | Indole-3-carbinol inhibits LPS-induced inflammatory response by blocking TRIF-dependent signaling pathway in macrophages. <i>Food and Chemical Toxicology</i> , 2013, 57, 256-261. | 3.6 | 47 |
| 7 | A novel synthetic derivative of melatonin, 5-hydroxy-2- ^{isobutyl-streptochlorin} (HIS), inhibits inflammatory responses via regulation of TRIF-dependent signaling and inflammasome activation. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 227-235. | 2.8 | 34 |
| 8 | Anti-Inflammatory Action of an Antimicrobial Model Peptide That Suppresses the TRIF-Dependent Signaling Pathway via Inhibition of Toll-Like Receptor 4 Endocytosis in Lipopolysaccharide-Stimulated Macrophages. <i>PLoS ONE</i> , 2015, 10, e0126871. | 2.5 | 33 |
| 9 | Zika Virus Impairs Host NLRP3-mediated Inflammasome Activation in an NS3-dependent Manner. <i>Immune Network</i> , 2019, 19, e40. | 3.6 | 27 |
| 10 | <i>Lysimachia clethroides</i> Duby extract attenuates inflammatory response in Raw 264.7 macrophages stimulated with lipopolysaccharide and in acute lung injury mouse model. <i>Journal of Ethnopharmacology</i> , 2013, 150, 1007-1015. | 4.1 | 25 |
| 11 | Protective effects of <i>Cinnamomum cassia</i> (Lamaceae) against gout and septic responses via attenuation of inflammasome activation in experimental models. <i>Journal of Ethnopharmacology</i> , 2017, 205, 173-177. | 4.1 | 25 |
| 12 | Chemotherapeutic Agent Paclitaxel Mediates Priming of NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2019, 10, 1108. | 4.8 | 25 |
| 13 | Streptochlorin Suppresses Allergic Dermatitis and Mast Cell Activation via Regulation of Lyn/Fyn and Syk Signaling Pathways in Cellular and Mouse Models. <i>PLoS ONE</i> , 2013, 8, e74194. | 2.5 | 24 |
| 14 | <i>Actinidia arguta</i> extract attenuates inflammasome activation: Potential involvement in NLRP3 ubiquitination. <i>Journal of Ethnopharmacology</i> , 2018, 213, 159-165. | 4.1 | 23 |
| 15 | <i>Carpesium macrocephalum</i> Attenuates Lipopolysaccharide-Induced Inflammation in Macrophages by Regulating the NF- κ B/I κ B, Akt, and STAT Signaling Pathways. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 927-943. | 3.8 | 21 |
| 16 | Anti-inflammatory effect of <i>Impatiens textori</i> Miq. extract via inhibition of NLRP3 inflammasome activation in in vitro and in vivo experimental models. <i>Journal of Ethnopharmacology</i> , 2015, 170, 81-87. | 4.1 | 21 |
| 17 | <i>Cichorium intybus</i> Linn. Extract Prevents Type 2 Diabetes Through Inhibition of NLRP3 Inflammasome Activation. <i>Journal of Medicinal Food</i> , 2016, 19, 310-317. | 1.5 | 21 |
| 18 | Emodin attenuates A23187-induced mast cell degranulation and tumor necrosis factor- α secretion through protein kinase C and I κ B kinase 2 signaling. <i>European Journal of Pharmacology</i> , 2014, 723, 501-506. | 3.5 | 18 |

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|----|---|-----|-----------|
| 19 | Neutrophils Facilitate Prolonged Inflammasome Response in the DAMP-Rich Inflammatory Milieu. <i>Frontiers in Immunology</i> , 2021, 12, 746032. | 4.8 | 17 |
| 20 | <i>Juniperus rigida</i> Sieb. extract inhibits inflammatory responses via attenuation of TRIF-dependent signaling and inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2016, 190, 91-99. | 4.1 | 14 |
| 21 | Inhibitory Effect and Mechanism of <i>Arctium lappa</i> Extract on NLRP3 Inflammasome Activation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10. | 1.2 | 12 |
| 22 | <i>Syneilesis palmata</i> (Thunb.) Maxim. extract attenuates inflammatory responses via the regulation of TRIF-dependent signaling and inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2015, 166, 1-4. | 4.1 | 11 |
| 23 | Intracellular NAD ⁺ Depletion Confers a Priming Signal for NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2021, 12, 765477. | 4.8 | 9 |
| 24 | Anti-Inflammatory Effect of Streptochlorin via TRIF-Dependent Signaling Pathways in Cellular and Mouse Models. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6902-6910. | 4.1 | 7 |
| 25 | Anti-inflammatory properties of <i>Morus bombycis</i> Koidzumi via inhibiting IFN- $\hat{1}^2$ signaling and NLRP3 inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2015, 176, 424-428. | 4.1 | 6 |
| 26 | Effects of Size Adjusted with Red Ginseng Powders on Quality of Fish Pastes. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2012, 41, 1448-1453. | 0.9 | 6 |
| 27 | Anti-allergic Effect of Ethanolic Extract of <i>Flos Sophora japonica</i> L. on Ca ⁺⁺ Ionophore Stimulated Murine RBL-2H3 Cells. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2014, 43, 349-354. | 0.9 | 2 |