

Do-Wan Shim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Neutrophils Facilitate Prolonged Inflammasome Response in the DAMP-Rich Inflammatory Milieu. <i>Frontiers in Immunology</i> , 2021, 12, 746032.	4.8	17
2	Intracellular NAD ⁺ Depletion Confers a Priming Signal for NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2021, 12, 765477.	4.8	9
3	Chemotherapeutic Agent Paclitaxel Mediates Priming of NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2019, 10, 1108.	4.8	25
4	Zika Virus Impairs Host NLRP3-mediated Inflammasome Activation in an NS3-dependent Manner. <i>Immune Network</i> , 2019, 19, e40.	3.6	27
5	<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
6	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
7	Posttranslational Regulation of the NLR Family Pyrin Domain-Containing 3 Inflammasome. <i>Frontiers in Immunology</i> , 2018, 9, 1054.	4.8	67
8	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
9	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
10	<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
11	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
12	<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
13	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
14	Anti-inflammatory properties of <i>Morus bombycis</i> Koidzumi via inhibiting IFN- β signaling and NLRP3 inflammasome activation. <i>Journal of Ethnopharmacology</i> , 2015, 176, 424-428.	4.1	6
15	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
16	A novel synthetic derivative of melatonin, 5-hydroxy-2- α -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
17	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
18	<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

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19	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
20	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
21	Anti-allergic Effect of Ethanolic Extract of Flos <i>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
22	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
23	<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
24	<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
25	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
26	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
27	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