Dong Young Kang

List of Publications by Year
in descending order

38	916	471371 17	477173 29
papers	citations	h-index	g-index

38	38	38	1216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A high ATP concentration enhances the cooperative translocation of the SARS coronavirus helicase nsP13 in the unwinding of duplex RNA. Scientific Reports, 2020, 10, 4481.	1.6	91
2	Nobiletin Inhibits CD36-Dependent Tumor Angiogenesis, Migration, Invasion, and Sphere Formation Through the Cd36/Stat3/Nf-Îšb Signaling Axis. Nutrients, 2018, 10, 772.	1.7	72
3	Nobiletin Inhibits Angiogenesis by Regulating Src/FAK/STAT3-Mediated Signaling through PXN in ER+ Breast Cancer Cells. International Journal of Molecular Sciences, 2017, 18, 935.	1.8	70
4	The Inhibitory Mechanisms of Tumor PD-L1 Expression by Natural Bioactive Gallic Acid in Non-Small-Cell Lung Cancer (NSCLC) Cells. Cancers, 2020, 12, 727.	1.7	52
5	Tannic acid inhibits <scp>EGFR</scp>/<scp>STAT</scp>1/3 and enhances p38/<scp>STAT</scp>1 signalling axis in breast cancer cells. Journal of Cellular and Molecular Medicine, 2017, 21, 720-734.	1.6	51
6	Silibinin downregulates MMP2 expression via Jak2/STAT3 pathway and inhibits the migration and invasive potential in MDA-MB-231 cells. Oncology Reports, 2017, 37, 3270-3278.	1.2	49
7	Combination of AG490, a Jak2 inhibitor, and methylsulfonylmethane synergistically suppresses bladder tumor growth via the Jak2/STAT3 pathway. International Journal of Oncology, 2014, 44, 883-895.	1.4	45
8	Tannic acid inhibits the Jak2/STAT3 pathway and induces G1/S arrest and mitochondrial apoptosis in YD-38 gingival cancer cells. International Journal of Oncology, 2015, 47, 1111-1120.	1.4	44
9	Salidroside inhibits migration, invasion and angiogenesis of MDAâ€MBï¿½231 TNBC cells by regulating EGFR/Jak2/STAT3 signaling via MMP2. International Journal of Oncology, 2018, 53, 877-885.	1.4	39
10	Tannic Acid Promotes TRAIL-Induced Extrinsic Apoptosis by Regulating Mitochondrial ROS in Human Embryonic Carcinoma Cells. Cells, 2020, 9, 282.	1.8	37
11	Potential Antitumor Effects of 6-Gingerol in p53-Dependent Mitochondrial Apoptosis and Inhibition of Tumor Sphere Formation in Breast Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 4660.	1.8	37
12	Antitumor Effects of Ursolic Acid through Mediating the Inhibition of STAT3/PD-L1 Signaling in Non-Small Cell Lung Cancer Cells. Biomedicines, 2021, 9, 297.	1.4	35
13	Methylsulfonylmethane Inhibits RANKL-Induced Osteoclastogenesis in BMMs by Suppressing NF-ÎºB and STAT3 Activities. PLoS ONE, 2016, 11, e0159891.	1.1	34
14	The combination of methylsulfonylmethane and tamoxifen inhibits the Jak2/STAT5b pathway and synergistically inhibits tumor growth and metastasis in ER-positive breast cancer xenografts. BMC Cancer, 2015, 15, 474.	1.1	33
15	Tannic Acid Inhibits Non-small Cell Lung Cancer (NSCLC) Stemness by Inducing G₀/G₁ Cell Cycle Arrest and Intrinsic Apoptosis. Anticancer Research, 2020, 40, 3209-3220.	0.5	31
16	Silibinin Regulates Tumor Progression and Tumorsphere Formation by Suppressing PD-L1 Expression in Non-Small Cell Lung Cancer (NSCLC) Cells. Cells, 2021, 10, 1632.	1.8	29
17	Mechanistic Insights of Anti-Immune Evasion by Nobiletin through Regulating miR-197/STAT3/PD-L1 Signaling in Non-Small Cell Lung Cancer (NSCLC) Cells. International Journal of Molecular Sciences, 2021, 22, 9843.	1.8	20
18	Methylsulfonylmethane inhibits HER2 expression through STAT5b in breast cancer cells. International Journal of Oncology, 2016, 48, 836-842.	1.4	13

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19	Sulfur Compounds Inhibit High Glucose-Induced Inflammation by Regulating NF-ÎºB Signaling in Human Monocytes. Molecules, 2020, 25, 2342.	1.7	13
20	Non-toxic sulfur inhibits LPS-induced inflammation byÂregulating TLR-4 and JAK2/STAT3 through IL-6 signaling. Molecular Medicine Reports, 2021, 24, .	1.1	13
21	Methylsulfonylmethane enhances BMP-2-induced osteoblast differentiation in mesenchymal stem cells. Molecular Medicine Reports, 2016, 14, 460-466.	1.1	12
22	Methylsulfonylmethane Induces G1 Arrest and Mitochondrial Apoptosis in YD-38 Gingival Cancer Cells. Anticancer Research, 2017, 37, 1637-1646.	0.5	12
23	Momilactone B Inhibits Ketosis In Vitro by Regulating the ANGPTL3-LPL Pathway and Inhibiting HMGCS2. Animal Biotechnology, 2017, 28, 189-197.	0.7	11
24	New Insights into the Pivotal Role of Iron/Heme Metabolism in TLR4/NF-ÎºB Signaling-Mediated Inflammatory Responses in Human Monocytes. Cells, 2021, 10, 2549.	1.8	10
25	Induction ofin vitroketosis condition and suppression using methylsulfonylmethane by altering ANGPTL3 expression through STAT5b signaling mechanism. Animal Cells and Systems, 2015, 19, 30-38.	0.8	9
26	Natural Sulfurs Inhibit LPS-Induced Inflammatory Responses through NF-ÎºB Signaling in CCD-986Sk Skin Fibroblasts. Life, 2021, 11, 427.	1.1	7
27	Effect of Methylsulfonylmethane on Proliferation and Apoptosis of A549 Lung Cancer Cells Through G2/M Cell-cycle Arrest and Intrinsic Cell Death Pathway. Anticancer Research, 2020, 40, 1905-1913.	0.5	6
28	Methylsulfonylmethane inhibits cortisolâ€‘induced stress through p53â€‘mediated SDHA/HPRT1 expression in racehorse skeletal muscle cells: A primary step against exercise stress. Experimental and Therapeutic Medicine, 2020, 19, 214-222.	0.8	6
29	Pivotal Role of Iron Homeostasis in the Induction of Mitochondrial Apoptosis by 6-Gingerol Through PTEN Regulated PD-L1 Expression in Embryonic Cancer Cells. Frontiers in Oncology, 2021, 11, 781720.	1.3	6
30	Methylsulfonylmethane Induces Cell Cycle Arrest and Apoptosis, and Suppresses the Stemness Potential of HT-29 Cells. Anticancer Research, 2020, 40, 5191-5200.	0.5	5
31	Applications and Functions of Î³-Poly-Glutamic Acid and its Derivatives in Medicine. Current Pharmaceutical Biotechnology, 2021, 22, 1404-1411.	0.9	5
32	Nonâ€‘toxic sulfur enhances growth hormone signaling through the JAK2/STAT5b/IGFâ€‘1 pathway in C2C12 cells. International Journal of Molecular Medicine, 2020, 45, 931-938.	1.8	5
33	Iron Metabolism as a Potential Mechanism for Inducing TRAIL-Mediated Extrinsic Apoptosis Using Methylsulfonylmethane in Embryonic Cancer Stem Cells. Cells, 2021, 10, 2847.	1.8	5
34	Silibinin inhibits in vitro ketosis by regulating HMGCS2 and NF-kB: elucidation of signaling molecule relationship under ketotic conditions. In Vitro Cellular and Developmental Biology - Animal, 2019, 55, 368-375.	0.7	3
35	Antitumor Effects of Natural Bioactive Ursolic Acid in Embryonic Cancer Stem Cells. Journal of Oncology, 2022, 2022, 1-10.	0.6	3
36	Validation of exercise-response genes in skeletal muscle cells of Thoroughbred racing horses. Animal Bioscience, 2021, 34, 134-142.	0.8	2

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37	The Exogenous Application of Non-Toxic Sulfur Contributes to the Growth-Promoting Effects of Leaf Lettuce (LactucaÂsativa L. var. crispa). Agriculture (Switzerland), 2021, 11, 769.	1.4	1
38	Methylsulfonylmethane relieves cobalt chloride-induced hypoxic toxicity in C2C12 myoblasts. Life Sciences, 2022, 301, 120619.	2.0	0