Bonglee Kim

List of Publications by Year in Descending Order

104 papers	1,766 citations	22 h-index	38 g-index
149 ext. papers	2,424 ext. citations	5.1 avg, IF	5.14 L-index

#	Paper	IF	Citations
104	Phytochemical Compound Screening to Identify Novel Small Molecules against Dengue Virus: A Docking and Dynamics Study.. *Molecules*, **2022**, 27,	4.8	3
103	p53 Modulation of Autophagy Signaling in Cancer Therapies: Perspectives Mechanism and Therapeutic Targets.. *Frontiers in Cell and Developmental Biology*, **2022**, 10, 761080	5.7	5
102	Analgesic Effect of SH003 and Trichosanthes kirilowii Maximowicz in Paclitaxel-Induced Neuropathic Pain in Mice. *Current Issues in Molecular Biology*, **2022**, 44, 718-730	2.9	0
101	Recent Advances in Ovarian Cancer: Therapeutic Strategies, Potential Biomarkers, and Technological Improvements.. *Cells*, **2022**, 11,	7.9	4
100	The efficacy and safety of Laminaria japonica for metabolic syndrome: A protocol for systematic review.. *Medicine (United States)*, **2022**, 101, e28892	1.8	0
99	Genistein, a Potential Phytochemical against Breast Cancer Treatment-Insight into the Molecular Mechanisms. *Processes*, **2022**, 10, 415	2.9	2
98	Use of Next-Generation Sequencing for Identifying Mitochondrial Disorders. *Current Issues in Molecular Biology*, **2022**, 44, 1127-1148	2.9	0
97	Computational Identification of Druggable Bioactive Compounds from and against Colorectal Cancer by Targeting Thymidylate Synthase.. *Molecules*, **2022**, 27,	4.8	4
96	Blume Induces Apoptosis Against Acute Myeloid Leukemia Cells Regulation of the miR-216b/c-Jun.. *Frontiers in Oncology*, **2022**, 12, 808174	5.3	
95	Traditional Uses, Phytochemistry, and Bioactivities of (L.) Kuntze.. *Evidence-based Complementary and Alternative Medicine*, **2022**, 2022, 3829180	2.3	
94	Can the SARS-CoV-2 Omicron Variant Confer Natural Immunity against COVID-19?. *Molecules*, **2022**, 27,	4.8	3
93	BK002 Induces miR-192-5p-Mediated Apoptosis in Castration-Resistant Prostate Cancer Cells Modulation of PI3K/CHOP.. *Frontiers in Oncology*, **2022**, 12, 791365	5.3	0
92	Identification of Zinc-Binding Inhibitors of Matrix Metalloproteinase-9 to Prevent Cancer Through Deep Learning and Molecular Dynamics Simulation Approach.. *Frontiers in Molecular Biosciences*, **2022**, 9, 857430	5.6	
91	Protection against the Phytotoxic Effect of Mercury Chloride by Catechin and Quercetin. *Journal of Chemistry*, **2022**, 2022, 1-7	2.3	0
90	Pathogenicity and virulence of Marburg virus.. *Virulence*, **2022**, 13, 609-633	4.7	1
89	Leonurus japonicus Houttuyn induces reactive oxygen species-mediated apoptosis via regulation of miR-19a-3p/PTEN/PI3K/AKT in U937 and THP-1 cells.. *Journal of Ethnopharmacology*, **2022**, 291, 115129	5	0
88	Enhancement of the functionality of women with knee osteoarthritis by a gel formulation with Caryocar coriaceum Wittm ("Pequi") nanoencapsulated pulp fixed oil.. *Biomedicine and Pharmacotherapy*, **2022**, 150, 112938	7.5	1

87	A Comprehensive Review of Recent Advancements in Cancer Immunotherapy and Generation of CAR T Cell by CRISPR-Cas9. *Processes*, **2022**, 10, 16	2.9	3
86	Toward the Identification of Natural Antiviral Drug Candidates against Merkel Cell Polyomavirus: Computational Drug Design Approaches. *Pharmaceuticals*, **2022**, 15, 501	5.2	2
85	Predictive Microbial Community and Functional Gene Expression Profiles in Pineapple Peel Fermentation Using 16S rRNA Gene Sequences. *Fermentation*, **2022**, 8, 194	4.7	1
84	Autophagy Modulation in Aggresome Formation: Emerging Implications and Treatments of Alzheimer's Disease. *Biomedicines*, **2022**, 10, 1027	4.8	3
83	Knee Osteoarthritis: Kinesiophobia and Isometric Strength of Quadriceps in Women.. *Pain Research and Management*, **2022**, 2022, 1466478	2.6	
82	Potentiation of the Activity of Antibiotics against ATCC and MDR Bacterial Strains with (+)-β-Pinene and (-)-Borneol. *BioMed Research International*, **2022**, 2022, 1-10	3	2
81	Pharmacological effects of a complex α-bisabolol/β-cyclodextrin in a mice arthritis model with involvement of IL-1β, IL-6 and MAPK. *Biomedicine and Pharmacotherapy*, **2022**, 151, 113142	7.5	
80	Marine Microbial-Derived Resource Exploration: Uncovering the Hidden Potential of Marine Carotenoids. *Marine Drugs*, **2022**, 20, 352	6	
79	Hypoglycemic, Hypolipidemic, and Anti-Inflammatory Effects of Beta-Pinene in Diabetic Rats. *Evidence-based Complementary and Alternative Medicine*, **2022**, 2022, 1-8	2.3	1
78	Potential Therapeutic Action of Autophagy in Gastric Cancer Managements: Novel Treatment Strategies and Pharmacological Interventions.. *Frontiers in Pharmacology*, **2021**, 12, 813703	5.6	1
77	Potential Role of CCN Proteins in Breast Cancer: Therapeutic Advances and Perspectives.. *Current Oncology*, **2021**, 28, 4972-4985	2.8	0
76	Exhaustive Plant Profile of Dimocarpus longan Lour. with Significant Phytomedicinal Properties: A Literature Based-Review. *Processes*, **2021**, 9, 1803	2.9	5
75	Natural Products for Pancreatic Cancer Treatment: From Traditional Medicine to Modern Drug Discovery. *Nutrients*, **2021**, 13,	6.7	4
74	Recent Advances in Anti-Metastatic Approaches of Herbal Medicines in 5 Major Cancers: From Traditional Medicine to Modern Drug Discovery. *Antioxidants*, **2021**, 10,	7.1	6
73	Recent Advances in Nanotechnology with Nano-Phytochemicals: Molecular Mechanisms and Clinical Implications in Cancer Progression. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	7
72	Black Cumin (L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. *Nutrients*, **2021**, 13,	6.7	16
71	Anti-Cancer Effect of Panax Ginseng and Its Metabolites: From Traditional Medicine to Modern Drug Discovery. *Processes*, **2021**, 9, 1344	2.9	0
70	Phyotochemical candidates repurposing for cancer therapy and their molecular mechanisms. *Seminars in Cancer Biology*, **2021**, 68, 164-174	12.7	2

69	Therapeutic Potential of Natural Products in Treatment of Cervical Cancer: A Review. *Nutrients*, **2021**, 13,	6.7	13
68	Immune functions as a ligand or a receptor, cancer prognosis potential, clinical implication of VISTA in cancer immunotherapy. *Seminars in Cancer Biology*, **2021**,	12.7	2
67	In Vivo Neuropharmacological Potential of Gomphandra tetrandra (Wall.) Sleumer and In-Silico Study against Amyloid Precursor Protein. *Processes*, **2021**, 9, 1449	2.9	4
66	Exposure to Environmental Arsenic and Emerging Risk of Alzheimer's Disease: Perspective Mechanisms, Management Strategy, and Future Directions. *Toxics*, **2021**, 9,	4.7	6
65	Potential of Bioactive Food Components against Gastric Cancer: Insights into Molecular Mechanism and Therapeutic Targets. *Cancers*, **2021**, 13,	6.6	1
64	UBE2M Drives Hepatocellular Cancer Progression as a p53 Negative Regulator by Binding to MDM2 and Ribosomal Protein L11. *Cancers*, **2021**, 13,	6.6	1
63	Plant Extracts for Type 2 Diabetes: From Traditional Medicine to Modern Drug Discovery. *Antioxidants*, **2021**, 10,	7.1	8
62	L. Phytochemistry and Pharmacological Activities: A Review (2019-2021).. *Biomolecules*, **2021**, 12,	5.9	3
61	Role of Antioxidant Natural Products in Management of Infertility: A Review of Their Medicinal Potential. *Antioxidants*, **2020**, 9,	7.1	16
60	Review of Natural Compounds for the Management and Prevention of Lymphoma. *Processes*, **2020**, 8, 1164	2.9	
59	Hepatoprotective Potency of Chrysophanol 8--Glucoside from L. against Hepatic Fibrosis via Regulation of the STAT3 Signaling Pathway. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4
58	Overview of as a Potential Therapeutic Agent for Various Diseases: An Update on Efficacy and Mechanisms of Action. *Antioxidants*, **2020**, 9,	7.1	19
57	Plant Extracts as Possible Agents for Sequela of Cancer Therapies and Cachexia. *Antioxidants*, **2020**, 9,	7.1	8
56	MiR-657/ATF2 Signaling Pathway Has a Critical Role in Dunn Extract-Induced Apoptosis in U266 and U937 Cells. *Cancers*, **2019**, 11,	6.6	13
55	Natural Products and Acute Myeloid Leukemia: A Review Highlighting Mechanisms of Action. *Nutrients*, **2019**, 11,	6.7	21
54	The Root Bark of L. Suppressed the Migration of Human Non-Small-Cell Lung Cancer Cells through Inhibition of Epithelial?Mesenchymal Transition Mediated by STAT3 and Src. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	16
53	Anticancer Activity and Underlying Mechanism of Phytochemicals against Multiple Myeloma. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	3
52	p53-Dependent Apoptotic Effect of Puromycin via Binding of Ribosomal Protein L5 and L11 to MDM2 and its Combination Effect with RITA or Doxorubicin. *Cancers*, **2019**, 11,	6.6	14

51	Could Polyphenols Help in the Control of Rheumatoid Arthritis?. *Molecules*, **2019**, 24,	4.8	22
50	Dietary Compounds for Targeting Prostate Cancer. *Nutrients*, **2019**, 11,	6.7	7
49	Regulation of SIRT1/AMPK axis is critically involved in gallotannin-induced senescence and impaired autophagy leading to cell death in hepatocellular carcinoma cells. *Archives of Toxicology*, **2018**, 92, 241-257	5.8	17
48	Ethanol Extract of Oldenlandia diffusa Herba Attenuates Scopolamine-Induced Cognitive Impairments in Mice via Activation of BDNF, P-CREB and Inhibition of Acetylcholinesterase. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	14
47	miR-211 Plays a Critical Role in Cnidium officinale Makino Extract-Induced, ROS/ER Stress-Mediated Apoptosis in U937 and U266 Cells. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	16
46	Activation of ER Stress-Dependent miR-216b Has a Critical Role in Ethanol-Extract-Induced Apoptosis in U266 and U937 Cells. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	21
45	Lambertianic Acid Sensitizes Non-Small Cell Lung Cancers to TRAIL-Induced Apoptosis via Inhibition of XIAP/NF-B and Activation of Caspases and Death Receptor 4. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	13
44	Anti-Cancer Natural Products and Their Bioactive Compounds Inducing ER Stress-Mediated Apoptosis: A Review. *Nutrients*, **2018**, 10,	6.7	154
43	Reactive oxygen species-mediated phosphorylation of p38 signaling is critically involved in apoptotic effect of Tanshinone I in colon cancer cells. *Phytotherapy Research*, **2018**, 32, 1975-1982	6.7	8
42	Retraction Note: Umbilical cord tissue-derived mesenchymal stem cells induce apoptosis in PC-3 prostate cancer cells through activation of JNK and downregulation of PI3K/AKT signaling. *Stem Cell Research and Therapy*, **2018**, 9, 354	8.3	2
41	Auraptene Induces Apoptosis via Myeloid Cell Leukemia 1-Mediated Activation of Caspases in PC3 and DU145 Prostate Cancer Cells. *Phytotherapy Research*, **2017**, 31, 891-898	6.7	16
40	Ethanol Extract of Pinus koraiensis Leaf Ameliorates Alcoholic Fatty Liver via the Activation of LKB1-AMPK Signaling In Vitro and In Vivo. *Phytotherapy Research*, **2017**, 31, 783-791	6.7	4
39	Human Turbinate-derived Mesenchymal Stem Cells Differentiated into Keratocyte Progenitor Cells. *Journal of Clinical & Experimental Ophthalmology*, **2017**, 08,	0	2
38	Hovenia Dulcis Extract Reduces Lipid Accumulation in Oleic Acid-Induced Steatosis of Hep G2 Cells via Activation of AMPK and PPAR/CPT-1 Pathway and in Acute Hyperlipidemia Mouse Model. *Phytotherapy Research*, **2017**, 31, 132-139	6.7	20
37	Review of Natural Product-Derived Compounds as Potent Antiglioblastoma Drugs. *BioMed Research International*, **2017**, 2017, 8139848	3	20
36	Farnesiferol c induces apoptosis via regulation of L11 and c-Myc with combinational potential with anticancer drugs in non-small-cell lung cancers. *Scientific Reports*, **2016**, 6, 26844	4.9	10
35	MicroRNA134 Mediated Upregulation of JNK and Downregulation of NFkB Signalings Are Critically Involved in Dieckol Induced Antihepatic Fibrosis. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 5508-14	5.7	30
34	Decursin enhances TRAIL-induced apoptosis through oxidative stress mediated- endoplasmic reticulum stress signalling in non-small cell lung cancers. *British Journal of Pharmacology*, **2016**, 173, 1033-44	8.6	25

33	c-Jun N-terminal Kinase-Dependent Endoplasmic Reticulum Stress Pathway is Critically Involved in Arjunic Acid Induced Apoptosis in Non-Small Cell Lung Cancer Cells. *Phytotherapy Research*, **2016**, 30, 596-603	6.7	15
32	Obovatol Induces Apoptosis in Non-small Cell Lung Cancer Cells via C/EBP Homologous Protein Activation. *Phytotherapy Research*, **2016**, 30, 1841-1847	6.7	8
31	Apoptotic Effect of Sanggenol L via Caspase Activation and Inhibition of NF-B Signaling in Ovarian Cancer Cells. *Phytotherapy Research*, **2016**, 30, 90-6	6.7	7
30	A derivative of epigallocatechin-3-gallate induces apoptosis via SHP-1-mediated suppression of BCR-ABL and STAT3 signalling in chronic myelogenous leukaemia. *British Journal of Pharmacology*, **2015**, 172, 3565-78	8.6	23
29	Inhibition of Myeloid Cell Leukemia 1 and Activation of Caspases Are Critically Involved in Gallotannin-induced Apoptosis in Prostate Cancer Cells. *Phytotherapy Research*, **2015**, 29, 1225-36	6.7	8
28	Apoptotic Effect of Galbanic Acid via Activation of Caspases and Inhibition of Mcl-1 in H460 Non-Small Lung Carcinoma Cells. *Phytotherapy Research*, **2015**, 29, 844-9	6.7	22
27	Antiangiogenic Effect of Ethanol Extract of Vigna angularis via Inhibition of Phosphorylation of VEGFR2, Erk, and Akt. *Evidence-based Complementary and Alternative Medicine*, **2015**, 2015, 371368	2.3	9
26	Caspase-9 as a therapeutic target for treating cancer. *Expert Opinion on Therapeutic Targets*, **2015**, 19, 113-27	6.4	91
25	The heparan sulfate mimetic PG545 interferes with Wnt/catenin signaling and significantly suppresses pancreatic tumorigenesis alone and in combination with gemcitabine. *Oncotarget*, **2015**, 6, 4992-5004	3.3	37
24	Molecular targets of isothiocyanates in cancer: recent advances. *Molecular Nutrition and Food Research*, **2014**, 58, 1685-707	5.9	135
23	Coumestrol suppresses hypoxia inducible factor 1by inhibiting ROS mediated sphingosine kinase 1 in hypoxic PC-3 prostate cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 2560-4	2.9	30
22	Antiinflammatory and analgesic effect of herbal cocktail Hongbaekjeong via inhibition of proinflammatory cytokines and prostaglandin E2 release. *Science Bulletin*, **2014**, 59, 3127-3133		1
21	Regulation of crosstalk between epithelial to mesenchymal transition molecules and MMP-9 mediates the antimetastatic activity of anethole in DU145 prostate cancer cells. *Journal of Natural Products*, **2014**, 77, 63-9	4.9	15
20	Umbilical cord tissue-derived mesenchymal stem cells induce apoptosis in PC-3 prostate cancer cells through activation of JNK and downregulation of PI3K/AKT signaling. *Stem Cell Research and Therapy*, **2014**, 5, 54	8.3	44
19	Inhibition of protein kinase C/1 and activation of c-Jun NH2-terminal kinase mediate glycyrrhetinic acid induced apoptosis in non-small cell lung cancer NCI-H460 cells. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 1188-91	2.9	27
18	Inhibition of ZNF746 suppresses invasion and epithelial to mesenchymal transition in H460 non-small cell lung cancer cells. *Oncology Reports*, **2014**, 31, 73-8	3.5	19
17	Upregulation of microRNA135a-3p and death receptor 5 plays a critical role in Tanshinone I sensitized prostate cancer cells to TRAIL induced apoptosis. *Oncotarget*, **2014**, 5, 5624-36	3.3	39
16	Upregulation of death receptor 5 and activation of caspase 8/3 play a critical role in ergosterol peroxide induced apoptosis in DU 145 prostate cancer cells. *Cancer Cell International*, **2014**, 14, 117	6.4	10

15	Tanshinone IIA induces autophagic cell death via activation of AMPK and ERK and inhibition of mTOR and p70 S6K in KBM-5 leukemia cells. *Phytotherapy Research*, **2014**, 28, 458-64	6.7	53
14	Reactive oxygen species-mediated activation of AMP-activated protein kinase and c-Jun N-terminal kinase plays a critical role in beta-sitosterol-induced apoptosis in multiple myeloma U266 cells. *Phytotherapy Research*, **2014**, 28, 387-94	6.7	28
13	Abstract A30: Melatonin suppresses invasion and epithelial to mesenchymal transition in non-small cell lung cancer cells via inhibition of ZNF746 signaling.. *Clinical Cancer Research*, **2014**, 20, A30-A30	12.9	
12	Particled Mica, STB-HO has chemopreventive potential via G1 arrest, and inhibition of proliferation and vascular endothelial growth factor receptor 2 in HCT colorectal cancer cells. *BMC Complementary and Alternative Medicine*, **2013**, 13, 189	4.7	7
11	Inhibition of Wnt/Ecatenin signaling mediates ursolic acid-induced apoptosis in PC-3 prostate cancer cells. *Pharmacological Reports*, **2013**, 65, 1366-74	3.9	38
10	Ginkgetin induces apoptosis via activation of caspase and inhibition of survival genes in PC-3 prostate cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 2692-5	2.9	35
9	Activation of AMP-Activated Protein Kinase and Extracelluar Signal-Regulated Kinase Mediates CB-PIC-Induced Apoptosis in Hypoxic SW620 Colorectal Cancer Cells. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 974313	2.3	16
8	Erratum to Inhibition of Hypoxia Inducible Factor Alpha and Astrocyte-Elevated Gene-1 Mediates Cryptotanshinone Exerted Antitumor Activity in Hypoxic PC-3 Cells *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 1-2	2.3	78
7	Melatonin Suppresses the Expression of 45S Preribosomal RNA and Upstream Binding Factor and Enhances the Antitumor Activity of Puromycin in MDA-MB-231 Breast Cancer Cells. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 879746	2.3	30
6	Ursolic acid from Oldenlandia diffusa induces apoptosis via activation of caspases and phosphorylation of glycogen synthase kinase 3 beta in SK-OV-3 ovarian cancer cells. *Biological and Pharmaceutical Bulletin*, **2012**, 35, 1022-8	2.3	41
5	Brazilin induces apoptosis and G2/M arrest via inactivation of histone deacetylase in multiple myeloma U266 cells. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 9882-9	5.7	54
4	Melatonin synergistically enhances cisplatin-induced apoptosis via the dephosphorylation of ERK/p90 ribosomal S6 kinase/heat shock protein 27 in SK-OV-3 cells. *Journal of Pineal Research*, **2012**, 52, 244-52	10.4	69
3	Inhibition of Hypoxia Inducible Factor Alpha and Astrocyte-Elevated Gene-1 Mediates Cryptotanshinone Exerted Antitumor Activity in Hypoxic PC-3 Cells. *Evidence-based Complementary and Alternative Medicine*, **2012**, 2012, 390957	2.3	21
2	Are there new therapeutic options for treating lung cancer based on herbal medicines and their metabolites?. *Journal of Ethnopharmacology*, **2011**, 138, 652-61	5	42
1	Emodin inhibits proinflammatory responses and inactivates histone deacetylase 1 in hypoxic rheumatoid synoviocytes. *Biological and Pharmaceutical Bulletin*, **2011**, 34, 1432-7	2.3	55