

List of Publications by Citations

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	584 citations	11 h-index	21 g-index
66 ext. papers	806 ext. citations	4.6 avg, IF	4.46 L-index

#	Paper	IF	Citations
60	CXC chemokine receptor 4 expression and function in human astrogloma cells. <i>Journal of Immunology</i> , 2001 , 166, 2695-704	5.3	98
59	Preparation and In Vitro Characterization of Chitosan Nanoparticles and Their Broad-Spectrum Antifungal Action Compared to Antibacterial Activities against Phytopathogens of Tomato. <i>Agronomy</i> , 2019 , 9, 21	3.6	63
58	Pro-Oxidant Actions of Carotenoids in Triggering Apoptosis of Cancer Cells: A Review of Emerging Evidence. <i>Antioxidants</i> , 2020 , 9,	7.1	45
57	Osterix is regulated by Erk1/2 during osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 415, 472-8	3.4	40
56	Ligand-activated PPAR γ upregulates β -smooth muscle actin expression in human dermal fibroblasts: A potential role for PPAR γ in wound healing. <i>Journal of Dermatological Science</i> , 2015 , 80, 186-95	4.3	22
55	New insights into antiviral and cytotoxic potential of quercetin and its derivatives - A biochemical perspective. <i>Food Chemistry</i> , 2021 , 334, 127508	8.5	22
54	Earthworm Grazed- Biofortified Spent Mushroom Substrates Modulate Accumulation of Natural Antioxidants and Bio-Fortification of Mineral Nutrients in Tomato. <i>Frontiers in Plant Science</i> , 2018 , 9, 1017	6.2	18
53	CXCL12-mediated induction of plasminogen activator inhibitor-1 expression in human CXCR4 positive astrogloma cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 573-7	2.3	17
52	Simplified large-scale refolding, purification, and characterization of recombinant human granulocyte-colony stimulating factor in Escherichia coli. <i>PLoS ONE</i> , 2013 , 8, e80109	3.7	15
51	A novel protein, MUDENG, induces cell death in cytotoxic T cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 370, 504-8	3.4	14
50	Induction of functional erythropoietin and erythropoietin receptor gene expression by gamma-aminobutyric acid and piperine in kidney epithelial cells. <i>Life Sciences</i> , 2018 , 215, 207-215	6.8	14
49	Silver nanoparticle-induced hormesis of astrogloma cells: A Mu-2-related death-inducing protein-orchestrated modus operandi. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 1147-1156	7.9	11
48	A monoclonal antibody against human MUDENG protein. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2013 , 32, 277-82	1.9	10
47	Soybean processing waste: Potential antioxidant, cytotoxic and enzyme inhibitory activities. <i>Food Bioscience</i> , 2020 , 38, 100778	4.9	10
46	Green Synthesized Chitosan/Chitosan Nanoforms/Nanocomposites for Drug Delivery Applications. <i>Polymers</i> , 2021 , 13,	4.5	10
45	Interleukin-32 γ inhibits tumor-promoting effects of macrophage-secreted CCL18 in breast cancer. <i>Cell Communication and Signaling</i> , 2019 , 17, 53	7.5	9
44	Epimagnolin A inhibits IL-6 production by inhibiting p38/NF- κ B and AP-1 signaling pathways in PMA-stimulated THP-1 cells. <i>Environmental Toxicology</i> , 2019 , 34, 796-803	4.2	9

43	Bacillus subtilis CBR05 for Tomato (Solanum lycopersicum) Fruits in South Korea as a Novel Plant Probiotic Bacterium (PPB): Implications from Total Phenolics, Flavonoids, and Carotenoids Content for Fruit Quality. <i>Agronomy</i> , 2019 , 9, 838	3.6	9
42	Korean Red Ginseng extract ameliorates melanogenesis in humans and induces antiphotaging effects in ultraviolet B-irradiated hairless mice. <i>Journal of Ginseng Research</i> , 2020 , 44, 496-505	5.8	9
41	Inhibition of IL-13 and IL-13R α Expression by IL-32 β in Human Monocytic Cells Requires PKC δ and STAT3 Association. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
40	Methyl lucidone induces apoptosis and G/M phase arrest the PI3K/Akt/NF- κ B pathway in ovarian cancer cells. <i>Pharmaceutical Biology</i> , 2020 , 58, 51-59	3.8	8
39	Nanochitosan: Commemorating the Metamorphosis of an ExoSkeletal Waste to a Versatile Nutraceutical. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
38	Ultrasound mediated accelerated Anti-influenza activity of Aloe vera. <i>Scientific Reports</i> , 2018 , 8, 17782	4.9	8
37	Cytotoxic and apoptotic potential of extracts on human cancer cell lines. <i>Bioengineered</i> , 2019 , 10, 501-512	5.7	7
36	MUDENG is cleaved by caspase-3 during TRAIL-induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 435, 234-8	3.4	7
35	Effects of a herbal formulation, KGC3P, and its individual component, nepetin, on coal fly dust-induced airway inflammation. <i>Scientific Reports</i> , 2020 , 10, 14036	4.9	7
34	Expression and purification of recombinant human granulocyte colony-stimulating factor in fed-batch culture of Escherichia coli. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 2425-35	3.2	6
33	Piperine synergistically enhances the effect of temozolomide against temozolomide-resistant human glioma cell lines. <i>Bioengineered</i> , 2020 , 11, 791-800	5.7	6
32	Reviewing Chitin/Chitosan Nanofibers and Associated Nanocomposites and Their Attained Medical Milestones. <i>Polymers</i> , 2021 , 13,	4.5	6
31	Spiraeoside extracted from red onion skin ameliorates apoptosis and exerts potent antitumor, antioxidant and enzyme inhibitory effects. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112327	4.7	5
30	The graviola impact on human astrogloma cells: functional significance of MUDENG.. <i>RSC Advances</i> , 2019 , 9, 8935-8942	3.7	4
29	Influence of Lime Juice on the Pink Discoloration and Quality of Sous-Vide Processed Chicken Breast During Refrigerated Storage. <i>Journal of Food Quality</i> , 2016 , 39, 726-731	2.7	4
28	Phenomenal Bombardment of Antibiotic in Poultry: Contemplating the Environmental Repercussions. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
27	The MUDENG Augmentation: A Genesis in Anti-Cancer Therapy?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
26	Low Dose Astaxanthin Treatments Trigger the Hormesis of Human Astrogloma Cells by Up-Regulating the Cyclin-Dependent Kinase and Down-Regulated the Tumor Suppressor Protein P53. <i>Biomedicines</i> , 2020 , 8,	4.8	4

25	Bioinformatics for Renal and Urinary Proteomics: Call for Aggrandization. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
24	Hematologic and serologic status of military working dogs given standard diet containing natural botanical supplements. <i>Toxicology Reports</i> , 2018 , 5, 343-347	4.8	3
23	Effect of Coating Method on the Survival Rate of <i>L. plantarum</i> for Chicken Feed. <i>Korean Journal for Food Science of Animal Resources</i> , 2014 , 34, 230-7		3
22	Antiplatelet and Antithrombotic Effects of Nakai. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 7071987	2.3	3
21	Resolvin D5, a Lipid Mediator, Inhibits Production of Interleukin-6 and CCL5 Via the ERK-NF- κ B Signaling Pathway in Lipopolysaccharide-Stimulated THP-1 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 85-92	3.3	2
20	Methyl Linderone Suppresses TPA-Stimulated IL-8 and MMP-9 Expression Via the ERK/STAT3 Pathway in MCF-7 Breast Cancer Cells. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 325-332	3.3	2
19	Development of CRISPR/Cas9 system for targeted DNA modifications and recent improvements in modification efficiency and specificity. <i>BMB Reports</i> , 2020 , 53, 341-348	5.5	2
18	Quercetin-3-Glucoside Extracted from Apple Pomace Induces Cell Cycle Arrest and Apoptosis by Increasing Intracellular ROS Levels. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
17	Anticancer Potential of Lipophilic Constituents of Eleven Shellfish Species Commonly Consumed in Korea. <i>Antioxidants</i> , 2021 , 10,	7.1	2
16	A Fumigation-Based Surface Sterilization Approach for Plant Tissue Culture. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
15	Role of adaptin protein complexes in intracellular trafficking and their impact on diseases. <i>Bioengineered</i> , 2021 , 12, 8259-8278	5.7	2
14	Consolidating the potency of matrix-assisted laser desorption/ionization-time of flight mass spectrometry (MALDI-TOF MS) in viral diagnosis: Extrapolating its applicability for COVID diagnosis?. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 150, 116569	14.6	2
13	Insights into Bioinformatic Applications for Glycosylation: Instigating an Awakening towards Applying Glycoinformatic Resources for Cancer Diagnosis and Therapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
12	Rumex acetosa modulates platelet function and inhibits thrombus formation in rats. <i>BMC Complementary Medicine and Therapies</i> , 2020 , 20, 98	2.9	1
11	Effects of gamma-aminobutyric acid and piperine on gene regulation in pig kidney epithelial cell lines. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020 , 33, 1497-1506	2.4	1
10	Retrospecting the Antioxidant Activity of Japanese Matcha Green Tea [Lack of Enthusiasm?]. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5087	2.6	1
9	In Silico Tools and Phosphoproteomic Software Exclusives. <i>Processes</i> , 2019 , 7, 869	2.9	1
8	Surveying the Oral Drug Delivery Avenues of Novel Chitosan Derivatives. <i>Polymers</i> , 2022 , 14, 2131	4.5	1

7	Kanakugiol, a Compound Isolated from , Promotes Cell Death by Inducing Mitotic Catastrophe after Cell Cycle Arrest. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 279-286	3.3	o
6	Reckoning the Dearth of Bioinformatics in the Arena of Diabetic Nephropathy (DN) Need to Improve. <i>Processes</i> , 2020 , 8, 808	2.9	o
5	Peripheral immune tolerance by prolactin-induced protein originated from human invariant natural killer T cells. <i>Bioengineered</i> , 2021 , 12, 461-475	5.7	o
4	Novel Chitosan Derivatives and Their Multifaceted Biological Applications. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3267	2.6	o
3	Generation of single-chain Fv antibody fragments against Mu-2-related death-inducing gene in Escherichia coli. <i>Molecular Biology Reports</i> , 2019 , 46, 4027-4037	2.8	
2	Status Quo of Glycosylation in Cancer: What Is, What Is Not and What Is to Be. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8401	2.6	
1	Duchesnea indica Extract Ameliorates LPS-Induced Septic Shock in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 1-12	2.3	