

David Glen Popovich

List of Publications by Citations

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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.

46
papers

1,275
citations

19
h-index

35
g-index

48
ext. papers

1,425
ext. citations

4.2
avg, IF

4.67
L-index

#	Paper	IF	Citations
46	Structure-function relationship exists for ginsenosides in reducing cell proliferation and inducing apoptosis in the human leukemia (THP-1) cell line. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 406, 1-8	4.1	173
45	Effect of a very-high-fiber vegetable, fruit, and nut diet on serum lipids and colonic function. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 494-503	12.7	101
44	Antioxidant assessment of an anthocyanin-enriched blackberry extract. <i>Food Chemistry</i> , 2007 , 101, 1052-1058	10.58	98
43	Generation of ginsenosides Rg3 and Rh2 from North American ginseng. <i>Phytochemistry</i> , 2004 , 65, 337-44		83
42	Ginsenosides 20(S)-protopanaxadiol and Rh2 reduce cell proliferation and increase sub-G1 cells in two cultured intestinal cell lines, Int-407 and Caco-2. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004 , 82, 183-90	2.4	71
41	The western lowland gorilla diet has implications for the health of humans and other hominoids. <i>Journal of Nutrition</i> , 1997 , 127, 2000-5	4.1	68
40	Effect of a diet high in vegetables, fruit, and nuts on serum lipids. <i>Metabolism: Clinical and Experimental</i> , 1997 , 46, 530-7	12.7	56
39	Bitter melon (<i>Momordica charantia</i>) triterpenoid extract reduces preadipocyte viability, lipid accumulation and adiponectin expression in 3T3-L1 cells. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1619-26	4.7	55
38	Chemical and biological characterization of oleanane triterpenoids from soy. <i>Molecules</i> , 2009 , 14, 2959-76	4.8	54
37	Effect of soyasapogenol A and soyasapogenol B concentrated extracts on HEP-G2 cell proliferation and apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2603-8	5.7	49
36	Mechanistic studies on protopanaxadiol, Rh2, and ginseng (<i>Panax quinquefolius</i>) extract induced cytotoxicity in intestinal Caco-2 cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2004 , 18, 143-9	3.4	42
35	Bog bilberry (<i>Vaccinium uliginosum</i> L.) extract reduces cultured Hep-G2, Caco-2, and 3T3-L1 cell viability, affects cell cycle progression, and has variable effects on membrane permeability. <i>Journal of Food Science</i> , 2010 , 75, H103-7	3.4	37
34	Review of Ginseng Anti-Diabetic Studies. <i>Molecules</i> , 2019 , 24,	4.8	32
33	Characterizing the mechanism for ginsenoside-induced cytotoxicity in cultured leukemia (THP-1) cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007 , 85, 1173-83	2.4	27
32	Group B oleanane triterpenoid extract containing soyasaponins I and III from soy flour induces apoptosis in Hep-G2 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 5315-9	5.7	26
31	Distinct Responses of Cytotoxic <i>Ganoderma lucidum</i> Triterpenoids in Human Carcinoma Cells. <i>Phytotherapy Research</i> , 2015 , 29, 1744-52	6.7	21
30	A quantified ginseng (<i>Panax ginseng</i> C.A. Meyer) extract influences lipid acquisition and increases adiponectin expression in 3T3-L1 cells. <i>Molecules</i> , 2011 , 16, 477-92	4.8	21

29	Retention of Ginsenosides in Dried Ginseng Root: Comparison of Drying Methods. <i>Journal of Food Science</i> , 2006 , 70, s355-s358	3.4	21
28	Generation of group B soyasaponins I and III by hydrolysis. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 3620-5	5.7	20
27	Ginsenosides analysis of New Zealand-grown forest by LC-QTOF-MS/MS. <i>Journal of Ginseng Research</i> , 2020 , 44, 552-562	5.8	19
26	Evaluation of viability assays for anthocyanins in cultured cells. <i>Phytochemical Analysis</i> , 2008 , 19, 479-86	3.4	17
25	Analysis of Ginsenoside Content () from Different Regions. <i>Molecules</i> , 2019 , 24,	4.8	16
24	Bioactive responses of Hep-G2 cells to soyasaponin extracts differs with respect to extraction conditions. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2202-8	4.7	16
23	Ginseng (<i>Panax quinquefolius</i>) Reduces Cell Growth, Lipid Acquisition and Increases Adiponectin Expression in 3T3-L1 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 610625	2.3	16
22	Isolation and characterization of bioactive polyacetylenes <i>Panax ginseng</i> Meyer roots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 139, 148-155	3.5	15
21	<i>Ganoderma lucidum</i> triterpenoid extract induces apoptosis in human colon carcinoma cells (Caco-2). <i>Biomedicine and Preventive Nutrition</i> , 2012 , 2, 203-209		15
20	Extraction optimisation and isolation of triterpenoids from <i>Ganoderma lucidum</i> and their effect on human carcinoma cell growth. <i>Natural Product Research</i> , 2014 , 28, 2264-72	2.3	14
19	Comparison of Ginsenoside Components of Various Tissues of New Zealand Forest-Grown Asian Ginseng () and American Ginseng (<i>L.</i>). <i>Biomolecules</i> , 2020 , 10,	5.9	12
18	Ginseng (<i>Panax quinquefolius</i>) and Licorice (<i>Glycyrrhiza uralensis</i>) Root Extract Combinations Increase Hepatocarcinoma Cell (Hep-G2) Viability. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 408273	2.3	12
17	<i>Momordica charantia</i> seed extract reduces pre-adipocyte viability, affects lactate dehydrogenase release, and lipid accumulation in 3T3-L1 cells. <i>Journal of Medicinal Food</i> , 2011 , 14, 201-8	2.8	11
16	FERMENTATION OF GROUP B SOYASAPONINS WITH PROBIOTIC <i>LACTOBACILLUS RHAMNOSUS</i> . <i>Journal of Food Biochemistry</i> , 2012 , 36, 179-188	3.3	9
15	Lovastatin interacts with natural products to influence cultured hepatocarcinoma cell (hep-g2) growth. <i>Journal of the American College of Nutrition</i> , 2010 , 29, 204-10	3.5	8
14	Comparison of the ginsenoside composition of Asian ginseng (<i>Panax ginseng</i>) and American ginseng (<i>Panax quinquefolius L.</i>) and their transformation pathways. <i>Studies in Natural Products Chemistry</i> , 2019 , 161-195	1.5	7
13	Fermentation of protopanaxadiol type ginsenosides (PD) with probiotic <i>Bifidobacterium lactis</i> and <i>Lactobacillus rhamnosus</i> . <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 5427-5437	5.7	6
12	Changes of Ginsenoside Composition in the Creation of Black Ginseng Leaf. <i>Molecules</i> , 2020 , 25,	4.8	5

11	Red azaphilone pigments extracted from red yeast rice induces cellular senescence and reduces viability in HepG2 cells. <i>Biomedicine and Preventive Nutrition</i> , 2013 , 3, 331-337		5
10	Reduction of the attachment, survival and growth of <i>L. monocytogenes</i> on lettuce leaves by UV-C stress. <i>LWT - Food Science and Technology</i> , 2021 , 145, 111528	5.4	3
9	Long-Distance Triathletes Intentions to Manipulate Energy and Macronutrient Intake Over a Training Macrocycle. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2018 , 28, 515-521	4.4	3
8	The color and size of chili peppers (<i>Capsicum annuum</i>) influence Hep-G2 cell growth. <i>International Journal of Food Sciences and Nutrition</i> , 2014 , 65, 881-5	3.7	2
7	Behaviour of soyasapogenol B under optimised hydrolysis and ESI mass spec conditions. <i>Food Chemistry</i> , 2010 , 123, 993-999	8.5	2
6	Anticancer Activity of Ginseng and Soy Saponins. <i>Nutrition and Disease Prevention</i> , 2005 ,		2
5	In Vitro Antioxidant Properties of New Zealand Hass Avocado Byproduct (Peel and Seed) Fractions. <i>ACS Food Science & Technology</i> , 2021 , 1, 579-587		2
4	Effects of high molecular weight alcohols from sugar cane fed alone or in combination with plant sterols on lipid profile and antioxidant status of Wistar rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 938-46	3	1
3	Antioxidant Properties of Hass Avocado Waste Fractions. <i>Proceedings (mdpi)</i> , 2019 , 37, 31	0.3	1
2	The Effects of Protopanaxadiol Enriched Extracts from Ginseng (<i>Panax ginseng</i>) on Lipid Uptake, GLUT4 and 79 Adipokines Responsible for Adipogenesis in Adipocyte-Like 3T3-L1 Cells. <i>Proceedings (mdpi)</i> , 2019 , 37, 33	0.3	1
1	Ginsenosides Analysis for New Zealand Wild Grown <i>Panax Ginseng</i> . <i>Proceedings (mdpi)</i> , 2019 , 8, 13	0.3	