

Slavko I Komarnytsky

List of Publications by Year in descending order

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68
papers

2,722
citations

257450

24
h-index

189892

50
g-index

70
all docs

70
docs citations

70
times ranked

3962
citing authors

#	ARTICLE	IF	CITATIONS
1	Gains and Losses of Agricultural Food Production: Implications for the Twenty-First Century. Annual Review of Food Science and Technology, 2022, 13, 239-261.	9.9	18
2	Plant-Based Support of Respiratory Health during Viral Outbreaks. Journal of Agricultural and Food Chemistry, 2022, , .	5.2	5
3	All Polyphenols Are Not Created Equal: Exploring the Diversity of Phenolic Metabolites. Journal of Agricultural and Food Chemistry, 2022, 70, 2077-2091.	5.2	8
4	Effect of Wild Blueberry Metabolites on Biomarkers of Gastrointestinal and Immune Health In Vitro. Immuno, 2022, 2, 293-306.	1.5	3
5	Mushrooms as Functional and Nutritious Food Ingredients for Multiple Applications. ACS Food Science & Technology, 2022, 2, 1184-1195.	2.7	17
6	Endocannabinoid System and Its Regulation by Polyunsaturated Fatty Acids and Full Spectrum Hemp Oils. International Journal of Molecular Sciences, 2021, 22, 5479.	4.1	18
7	Modulation of Brain-Derived Neurotrophic Factor (BDNF) Signaling Pathway by Culinary Sage (Salvia) Tj ETQq1 1 0.784314 rgBT /Ove	4.1	1
8	Rheum raphonticum Root Extract Improves Vasomotor Menopausal Symptoms and Estrogen-Regulated Targets in Ovariectomized Rat Model. International Journal of Molecular Sciences, 2021, 22, 1032.	4.1	3
9	Immune Responses Are Differentially Regulated by Root, Stem, Leaf, and Flower Extracts of Female and Male CBD Hemp (Cannabis sativa L.) Plants. Immuno, 2021, 1, 369-379.	1.5	5
10	The Enigma of Bioactivity and Toxicity of Botanical Oils for Skin Care. Frontiers in Pharmacology, 2020, 11, 785.	3.5	30
11	Enhanced stability of berry pomace polyphenols delivered in protein-polyphenol aggregate particles to an in vitro gastrointestinal digestion model. Food Chemistry, 2020, 331, 127279.	8.2	62
12	Celtic Provenance in Traditional Herbal Medicine of Medieval Wales and Classical Antiquity. Frontiers in Pharmacology, 2020, 11, 105.	3.5	7
13	Lily steroidal glycoalkaloid promotes early inflammatory resolution in wounded human fibroblasts. Journal of Ethnopharmacology, 2020, 258, 112766.	4.1	13
14	Spicing up gastrointestinal health with dietary essential oils. Phytochemistry Reviews, 2020, 19, 243-263.	6.5	15
15	Phenylpropanoid Glycerol Glucosides Attenuate Glucose Production in Hepatocytes. ACS Omega, 2019, 4, 10670-10676.	3.5	10
16	Alaskan Berry Extracts Promote Dermal Wound Repair Through Modulation of Bioenergetics and Integrin Signaling. Frontiers in Pharmacology, 2019, 10, 1058.	3.5	27
17	Exploring the Anti-Acne Potential of Impepho [Helichrysum odoratissimum (L.) Sweet] to Combat Cutibacterium acnes Virulence. Frontiers in Pharmacology, 2019, 10, 1559.	3.5	15
18	Application of DNA Flow Cytometry to Aid Species Delimitation in Isoetes. Castanea, 2018, 83, 38-47.	0.1	5

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19	Berries containing anthocyanins with enhanced methylation profiles are more effective at ameliorating high fat diet-induced metabolic damage. Food and Chemical Toxicology, 2018, 111, 445-453.	3.6	43
20	Botanical Provenance of Traditional Medicines From Carpathian Mountains at the Ukrainian-Polish Border. Frontiers in Pharmacology, 2018, 9, 295.	3.5	18
21	Metals Complexes Formed with Oleanolic Acid. International Journal of Organic Chemistry, 2018, 08, 160-169.	0.7	1
22	Structural constraints and importance of caffeic acid moiety for anti-hyperglycemic effects of caffeoylquinic acids from chicory. Molecular Nutrition and Food Research, 2017, 61, 1601118.	3.3	22
23	Antibacterial activity of medicinal plants from The Physicians of Myddvai, a 14th century Welsh medical manuscript. Journal of Ethnopharmacology, 2017, 203, 171-181.	4.1	22
24	Phytoecdysteroid-enriched quinoa seed leachate enhances healthspan and mitochondrial metabolism in <i>Caenorhabditis elegans</i> . Journal of Functional Foods, 2017, 37, 1-7.	3.4	10
25	Polyphenols isolated from <i>Acacia mearnsii</i> bark with anti-inflammatory and carbolytic enzyme inhibitory activities. Chinese Journal of Natural Medicines, 2017, 15, 816-824.	1.3	16
26	Metabolic Effects of Berries with Structurally Diverse Anthocyanins. International Journal of Molecular Sciences, 2017, 18, 422.	4.1	96
27	Thiazolopyridines Improve Adipocyte Function by Inhibiting 11 Beta-HSD1 Oxoreductase Activity. Journal of Chemistry, 2017, 2017, 1-10.	1.9	2
28	A metabolic stability determination of Tetrahydrothiazolopyridine derivative a selective 11 β -hydroxy steroid dehydrogenase type 1 (11 β -hsd1) inhibitor. International Journal of Pharma and Bio Sciences, 2017, 8, .	0.1	0
29	Chemical composition, antioxidant and anti-inflammatory properties of pistachio hull extracts. Food Chemistry, 2016, 210, 85-95.	8.2	75
30	In vitro lipolytic, antioxidant and anti-inflammatory activities of roasted pistachio kernel and skin constituents. Food and Function, 2016, 7, 4285-4298.	4.6	26
31	Hepatoprotective Activity of Easter Lily (<i>Lilium longiflorum</i> Thunb.) Bulb Extracts. Journal of Agricultural and Food Chemistry, 2015, 63, 9722-9728.	5.2	11
32	Black Currant Anthocyanins Attenuate Weight Gain and Improve Glucose Metabolism in Diet-Induced Obese Mice with Intact, but Not Disrupted, Gut Microbiome. Journal of Agricultural and Food Chemistry, 2015, 63, 6172-6180.	5.2	132
33	Alaskan seaweeds lower inflammation in RAW 264.7 macrophages and decrease lipid accumulation in 3T3-L1 adipocytes. Journal of Functional Foods, 2015, 15, 396-407.	3.4	35
34	1,25-Dihydroxyvitamin D3/vitamin D receptor suppresses brown adipocyte differentiation and mitochondrial respiration. European Journal of Nutrition, 2015, 54, 1001-1012.	3.9	60
35	Diverse Classes of Bitter Phytochemicals Modulate Carbohydrate Metabolism and Immune Responses through Gastrointestinal Bitter Taste Receptors. FASEB Journal, 2015, 29, 405.5.	0.5	0
36	Vitamin E: Defining Status for Optimal Health. , 2015, , 252-267.		0

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37	Activation of pattern recognition receptors in brown adipocytes induces inflammation and suppresses uncoupling protein 1 expression and mitochondrial respiration. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C918-C930.	4.6	65
38	Cytotoxic Effects of Ellagitannins Isolated from Walnuts in Human Cancer Cells. <i>Nutrition and Cancer</i> , 2014, 66, 1304-1314.	2.0	25
39	Inhibitory Effects of Wild Blueberry Anthocyanins and Other Flavonoids on Biomarkers of Acute and Chronic Inflammation in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7022-7028.	5.2	132
40	Anti-inflammatory bioactives in Alaskan seaweed: implications in metabolic syndrome (1045.14). <i>FASEB Journal</i> , 2014, 28, 1045.14.	0.5	0
41	Bioenergetic characterization of macrophage inflammatory responses attenuated by anthocyanins (383.2). <i>FASEB Journal</i> , 2014, 28, 383.2.	0.5	0
42	1, 25-dihydroxyvitamin D3/Vit D receptor suppresses brown adipocyte differentiation and mitochondrial biogenesis (1041.6). <i>FASEB Journal</i> , 2014, 28, 1041.6.	0.5	0
43	Acceleration of cutaneous wound healing by brassinosteroids. <i>Wound Repair and Regeneration</i> , 2013, 21, 688-696.	3.0	17
44	Steroidal glycosides from the bulbs of Easter lily (<i>Lilium longiflorum</i> Thunb.) promote dermal fibroblast migration in vitro. <i>Journal of Ethnopharmacology</i> , 2013, 148, 433-440.	4.1	28
45	Pregnane glycosides interfere with steroidogenic enzymes to down-regulate corticosteroid production in human adrenocortical H295R cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1120-1126.	4.1	19
46	Effects of Pregnane Glycosides on Food Intake Depend on Stimulation of the Melanocortin Pathway and BDNF in an Animal Model. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1841-1849.	5.2	12
47	Bioenergetic characterization of adipogenesis impaired by inflammation. <i>FASEB Journal</i> , 2013, 27, 109.4.	0.5	0
48	HSCCC isolation and characterization of walnut polyphenols with antioxidative and lipolytic activity. <i>FASEB Journal</i> , 2013, 27, 1065.17.	0.5	0
49	Hypoglycemic effects of brassinosteroid in diet-induced obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E652-E658.	3.5	12
50	Brassinosteroid enhances C57BL/6J mice treadmill endurance. <i>FASEB Journal</i> , 2012, 26, 1121.8.	0.5	1
51	In vivo mouse model for examining contribution of inflammation to development of obesity and diabetes. <i>FASEB Journal</i> , 2012, 26, 364.4.	0.5	0
52	Modulation of muscle mass and myogenic stem cells with natural products. <i>Planta Medica</i> , 2012, 78, .	1.3	0
53	Anabolic effect of plant brassinosteroid. <i>FASEB Journal</i> , 2011, 25, 3708-3719.	0.5	32
54	Potato protease inhibitors inhibit food intake and increase circulating cholecystokinin levels by a trypsin-dependent mechanism. <i>International Journal of Obesity</i> , 2011, 35, 236-243.	3.4	65

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55	Akt-Dependent Anabolic Activity of Natural and Synthetic Brassinosteroids in Rat Skeletal Muscle Cells. Journal of Medicinal Chemistry, 2011, 54, 4057-4066.	6.4	17
56	20-Hydroxyecdysone decreases weight and hyperglycemia in a diet-induced obesity mice model. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E433-E439.	3.5	82
57	Oral administration of triptolide ameliorates the clinical signs of experimental autoimmune encephalomyelitis (EAE) by induction of HSP70 and stabilization of NF- κ B/I κ B transcriptional complex. Journal of Neuroimmunology, 2009, 217, 28-37.	2.3	45
58	Polyphenolic compounds from Artemisia dracuncululus L. inhibit PEPCK gene expression and gluconeogenesis in an H4IIE hepatoma cell line. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1503-E1510.	3.5	73
59	Preparative isolation and identification of tyrosinase inhibitors from the seeds of Garcinia kola by high-speed counter-current chromatography. Journal of Chromatography A, 2007, 1151, 45-50.	3.7	37
60	Protease inhibitors and their peptidomimetic derivatives as potential drugs. , 2007, 113, 354-368.		83
61	Cosecretion of Protease Inhibitor Stabilizes Antibodies Produced by Plant Roots. Plant Physiology, 2006, 141, 1185-1193.	4.8	115
62	A quick and efficient system for antibiotic-free expression of heterologous genes in tobacco roots. Plant Cell Reports, 2004, 22, 765-773.	5.6	39
63	Rhizosecretion of recombinant proteins from plant hairy roots. Plant Cell Reports, 2003, 21, 1188-1193.	5.6	103
64	Functional Analysis of Promoter Elements in Plants. , 2003, 25, 113-141.		28
65	Plants and human health in the twenty-first century. Trends in Biotechnology, 2002, 20, 522-531.	9.3	689
66	Phylogenetic tree of the australian species of Nicotiana based on the random amplified polymorphic DNA. Biopolymers and Cell, 2001, 17, 278-282.	0.4	1
67	Tobacco ribosomal DNA spacer element stimulates amplification and expression of heterologous genes. Nature Biotechnology, 2000, 18, 1303-1306.	17.5	46
68	Production of Recombinant Proteins in Tobacco Guttation Fluid. Plant Physiology, 2000, 124, 927-934.	4.8	125