

Jaroslav Havlik

List of Publications by Year in descending order

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74
papers

1,970
citations

236833

25
h-index

276775

41
g-index

74
all docs

74
docs citations

74
times ranked

2990
citing authors

#	ARTICLE	IF	CITATIONS
1	1H NMR Profiling of Honey Bee Bodies Revealed Metabolic Differences between Summer and Winter Bees. <i>Insects</i> , 2022, 13, 193.	1.0	3
2	Use of MALDI-TOF MS technology to evaluate adulteration of small ruminant milk with raw bovine milk. <i>Journal of Dairy Science</i> , 2022, 105, 4882-4894.	1.4	9
3	Systematic analysis of nutrigenomic effects of polyphenols related to cardiometabolic health in humans – Evidence from untargeted mRNA and miRNA studies. <i>Ageing Research Reviews</i> , 2022, 79, 101649.	5.0	11
4	1H NMR chemometric models for classification of Czech wine type and variety. <i>Food Chemistry</i> , 2021, 339, 127852.	4.2	43
5	Stool metabolome-microbiota evaluation among children and adolescents with obesity, overweight, and normal-weight using 1H NMR and 16S rRNA gene profiling. <i>PLoS ONE</i> , 2021, 16, e0247378.	1.1	13
6	Systematic Bioinformatic Analyses of Nutrigenomic Modifications by Polyphenols Associated with Cardiometabolic Health in Humans – Evidence from Targeted Nutrigenomic Studies. <i>Nutrients</i> , 2021, 13, 2326.	1.7	15
7	Molecular Determinants of the Cardiometabolic Improvements of Dietary Flavanols Identified by an Integrative Analysis of Nutrigenomic Data from a Systematic Review of Animal Studies. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100227.	1.5	9
8	New Broth Macrodilution Volatilization Method for Antibacterial Susceptibility Testing of Volatile Agents and Evaluation of Their Toxicity Using Modified MTT Assay In Vitro. <i>Molecules</i> , 2021, 26, 4179.	1.7	8
9	Moderate Salinity Stress Affects Expression of Main Sugar Metabolism and Transport Genes and Soluble Carbohydrate Content in Ripe Fig Fruits (<i>Ficus carica</i> L. cv. Dottato). <i>Plants</i> , 2021, 10, 1861.	1.6	13
10	Detection of bovine milk adulteration in caprine milk with N-acetyl carbohydrate biomarkers by using 1H nuclear magnetic resonance spectroscopy. <i>Journal of Dairy Science</i> , 2021, 104, 9583-9595.	1.4	17
11	Metabolism of Selected 2-Arylbenzofurans in a Colon In Vitro Model System. <i>Foods</i> , 2021, 10, 2754.	1.9	2
12	Polyketide Derivatives in the Resistance of <i>Gerbera hybrida</i> to Powdery Mildew. <i>Frontiers in Plant Science</i> , 2021, 12, 790907.	1.7	4
13	Winter honeybee (<i>Apis mellifera</i>) populations show greater potential to induce immune response than summer ones after immune stimuli. <i>Journal of Experimental Biology</i> , 2020, 224, .	0.8	5
14	Dietary Fibres Differentially Impact on the Production of Phenolic Acids from Rutin in an In Vitro Fermentation Model of the Human Gut Microbiota. <i>Nutrients</i> , 2020, 12, 1577.	1.7	23
15	Metabolism of cis- and trans-Resveratrol and Dihydroresveratrol in an Intestinal Epithelial Model. <i>Nutrients</i> , 2020, 12, 595.	1.7	22
16	Biotransformation of Silymarin Flavonolignans by Human Fecal Microbiota. <i>Metabolites</i> , 2020, 10, 29.	1.3	22
17	The Year of the Honey Bee (<i>Apis mellifera</i> L.) with Respect to Its Physiology and Immunity: A Search for Biochemical Markers of Longevity. <i>Insects</i> , 2019, 10, 244.	1.0	30
18	Antioxidant Activity of Selected Stilbenoid Derivatives in a Cellular Model System. <i>Biomolecules</i> , 2019, 9, 468.	1.8	13

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19	Effects of chlorogenic acid, epicatechin gallate, and quercetin on mucin expression and secretion in the Caco-2/HT29-MTX cell model. <i>Food Science and Nutrition</i> , 2019, 7, 492-498.	1.5	19
20	In-hive variation of the gut microbial composition of honey bee larvae and pupae from the same oviposition time. <i>BMC Microbiology</i> , 2019, 19, 110.	1.3	12
21	Flavonoid Glycosides from Endemic Bulgarian <i>Astragalus aitosensis</i> (Ivanisch.). <i>Molecules</i> , 2019, 24, 1419.	1.7	6
22	Metabolism of Stilbenoids by Human Faecal Microbiota. <i>Molecules</i> , 2019, 24, 1155.	1.7	31
23	Effect of Selected Stilbenoids on Human Fecal Microbiota. <i>Molecules</i> , 2019, 24, 744.	1.7	15
24	Screening of medicinal plants traditionally used in Peruvian Amazon for <i>in vitro</i> antioxidant and anticancer potential. <i>Natural Product Research</i> , 2019, 33, 2718-2721.	1.0	18
25	Adhesive Property of Different Strains of Lactobacilli in The Presence of Resveratrol. <i>Scientia Agriculturae Bohemica</i> , 2018, 49, 291-296.	0.3	4
26	<i>In vitro</i> antiinflammatory and antioxidant potential of root extracts from Ranunculaceae species. <i>South African Journal of Botany</i> , 2017, 109, 128-137.	1.2	9
27	Effect of apple extracts and selective polyphenols on the adhesion of potential probiotic strains of <i>Lactobacillus gasseri</i> R and <i>Lactobacillus casei</i> FMP. <i>Journal of Functional Foods</i> , 2017, 35, 391-397.	1.6	32
28	Polyphenols and health: Interactions between fibre, plant polyphenols and the gut microbiota. <i>Nutrition Bulletin</i> , 2017, 42, 356-360.	0.8	106
29	Milk digests and milk protein fractions influence the adherence of <i>Lactobacillus gasseri</i> R and <i>Lactobacillus casei</i> FMP to human cultured cells. <i>Food and Function</i> , 2016, 7, 3531-3538.	2.1	13
30	Repellence and attraction of <i>Apis mellifera</i> foragers by nectar alkaloids. <i>Scientia Agriculturae Bohemica</i> , 2016, 47, 14-17.	0.3	2
31	Phenolic composition, antioxidant and anti-proliferative activities of edible and medicinal plants from the Peruvian Amazon. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 728-737.	0.6	47
32	<i>In vitro</i> immunomodulatory activity, cytotoxicity and chemistry of some central European polypores. <i>Pharmaceutical Biology</i> , 2016, 54, 2369-2376.	1.3	21
33	Reclassification of <i>Eubacterium rectale</i> (Hauduroy et al. 1937) Prévot 1938 in a new genus <i>Agathobacter</i> gen. nov. as <i>Agathobacter rectalis</i> comb. nov., and description of <i>Agathobacter ruminis</i> sp. nov., isolated from the rumen contents of sheep and cows. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 768-773.	0.8	70
34	Effect Of Hydrolyzed Milk On The Adhesion Of Lactobacilli To Intestinal Cells*. <i>Scientia Agriculturae Bohemica</i> , 2015, 46, 21-25.	0.3	5
35	<i>In Vitro</i> Antistaphylococcal Effects of <i>Embelia schimperi</i> Extracts and Their Component Embelin with Oxacillin and Tetracycline. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 1-7.	0.5	8
36	<i>In vitro</i> antioxidant and anti-proliferative activity of Ethiopian medicinal plant extracts. <i>Industrial Crops and Products</i> , 2015, 74, 671-679.	2.5	43

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37	The effect of soil risk element contamination level on the element contents in <i>Ocimum basilicum</i> L. Archives of Environmental Protection, 2015, 41, 47-53.	1.1	5
38	Variation in Honey Bee Gut Microbial Diversity Affected by Ontogenetic Stage, Age and Geographic Location. PLoS ONE, 2015, 10, e0118707.	1.1	84
39	Cytotoxic activities of Amaryllidaceae alkaloids against gastrointestinal cancer cells. Phytochemistry Letters, 2015, 13, 394-398.	0.6	34
40	<i>Vagococcus entomophilus</i> sp. nov., from the digestive tract of a wasp (<i>Vespula vulgaris</i>). International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 731-737.	0.8	21
41	<i>Lactobacillus rodentium</i> sp. nov., from the digestive tract of wild rodents. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1526-1533.	0.8	15
42	Thymoquinone vapor significantly affects the results of <i>Staphylococcus aureus</i> sensitivity tests using the standard broth microdilution method. <i>FARMACIA</i> , 2014, 94, 102-107.	1.1	25
43	<i>Pseudoscardovia radai</i> sp. nov., a representative of the family Bifidobacteriaceae isolated from the digestive tract of a wild pig (<i>Sus scrofa scrofa</i>). International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2932-2938.	0.8	23
44	<i>Pseudoscardovia suis</i> gen. nov., sp. nov., a new member of the family Bifidobacteriaceae isolated from the digestive tract of wild pigs (<i>Sus scrofa</i>). Systematic and Applied Microbiology, 2013, 36, 11-16.	1.2	36
45	Distribution of isoflavones and coumestrol in neglected tropical and subtropical legumes. Journal of the Science of Food and Agriculture, 2013, 93, 575-579.	1.7	23
46	Reclassification of <i>Bifidobacterium stercoris</i> Kim et al. 2010 as a later heterotypic synonym of <i>Bifidobacterium adolescentis</i> . International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4350-4353.	0.8	20
47	<i>Alloscardovia macacae</i> sp. nov., isolated from the milk of a macaque (<i>Macaca mulatta</i>), emended description of the genus <i>Alloscardovia</i> and proposal of <i>Alloscardovia criceti</i> comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4439-4446.	0.8	29
48	Cytotoxic Constituents of <i>Pachyrhizus Tuberosus</i> from Peruvian Amazon. Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	4
49	Growth of bifidobacteria in mammalian milk. Czech Journal of Animal Science, 2013, 58, 99-105.	0.5	6
50	Cytotoxic constituents of <i>Pachyrhizus tuberosus</i> from Peruvian amazon. Natural Product Communications, 2013, 8, 1423-6.	0.2	4
51	In vitro Inhibitory Activity of Essential Oil Vapors against <i>Ascosphaera apis</i> . Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	11
52	Essential Oils in the Ranunculaceae Family: Chemical Composition of Hydrodistilled Oils from <i>Consolida regalis</i> , <i>Delphinium elatum</i> , <i>Nigella hispanica</i> , and <i>N. nigellastrum</i> Seeds. Chemistry and Biodiversity, 2012, 9, 151-161.	1.0	13
53	<i>Bifidobacterium actinocoloniiforme</i> sp. nov. and <i>Bifidobacterium bohemicum</i> sp. nov., from the bumblebee digestive tract. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1315-1321.	0.8	81
54	Ethnobotanical knowledge and agrobiodiversity in subsistence farming: case study of home gardens in Phong My commune, central Vietnam. Genetic Resources and Crop Evolution, 2011, 58, 629-644.	0.8	28

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55	Design and performance evaluation of a Double-pass solar drier for drying of red chilli (<i>Capsicum</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 118	2.9	118
56	Xanthine oxidase-inhibitory and hypouricemic action of Black poplar bud extract. <i>Planta Medica</i> , 2011, 77, .	0.7	3
57	The contents of risk elements, arsenic speciation, and possible interactions of elements and betalains in beetroot (<i>Beta vulgaris</i> , L.) growing in contaminated soil. <i>Open Life Sciences</i> , 2010, 5, 692-701.	0.6	6
58	<i>Bombiscardovia coagulans</i> gen. nov., sp. nov., a new member of the family Bifidobacteriaceae isolated from the digestive tract of bumblebees. <i>Systematic and Applied Microbiology</i> , 2010, 33, 359-366.	1.2	66
59	In vitro growth-inhibitory effect of plant-derived extracts and compounds against <i>Paenibacillus</i> larvae and their acute oral toxicity to adult honey bees. <i>Veterinary Microbiology</i> , 2010, 145, 129-133.	0.8	65
60	Dietary purines in vegetarian meat analogues. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 2352-2357.	1.7	24
61	EFFECT OF SOLAR DRYING ON THE COMPOSITION OF ESSENTIAL OIL OF <i>SACHA CULANTRO</i> (<i>ERYNGIUM FOETIDUM</i> L.) GROWN IN THE PERUVIAN AMAZON. <i>Journal of Food Process Engineering</i> , 2010, 33, 83-103.	1.5	31
62	Xanthine oxidase inhibitory properties of Czech medicinal plants. <i>Journal of Ethnopharmacology</i> , 2010, 132, 461-465.	2.0	60
63	Growth of bifidobacteria in a fermented wheat germ medium. <i>Acta Alimentaria</i> , 2010, 39, 293-298.	0.3	1
64	Evaluation of Antimicrobial and Anti-Inflammatory Activities of Seed Extracts from Six <i>Nigella</i> Species. <i>Journal of Medicinal Food</i> , 2009, 12, 408-415.	0.8	36
65	<i>Bifidobacterium bombi</i> sp. nov., from the bumblebee digestive tract. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2020-2024.	0.8	77
66	Norsesquiterpene hydrocarbon, chemical composition and antimicrobial activity of <i>Rhaponticum carthamoides</i> root essential oil. <i>Phytochemistry</i> , 2009, 70, 414-418.	1.4	27
67	Allelopathic activity of different plant parts of <i>Peganum harmala</i> L. and identification of their growth inhibitors substances. <i>Plant Growth Regulation</i> , 2009, 59, 227-236.	1.8	71
68	The effect of beverage preparation method on aluminium content in coffee infusions. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1480-1485.	1.5	34
69	Comparison of Chemical Composition and Antibacterial Activity of <i>Nigella sativa</i> Seed Essential Oils Obtained by Different Extraction Methods. <i>Journal of Food Protection</i> , 2008, 71, 2475-2480.	0.8	95
70	In Vitro. Antimicrobial Activity of Some Libyan Medicinal Plant Extracts. <i>Pharmaceutical Biology</i> , 2007, 45, 386-391.	1.3	9
71	Development of an on-line high performance liquid chromatography detection system for human cytochrome P450 1A2 inhibitors in extracts of natural products. <i>Journal of Chromatography A</i> , 2007, 1141, 81-89.	1.8	22
72	Chemical composition of essential oil from the seeds of <i>Nigella arvensis</i> L. and assessment of its actimicrobial activity. <i>Flavour and Fragrance Journal</i> , 2006, 21, 713-717.	1.2	26

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73	Chemical composition of the essential oil of <i>Nigella orientalis</i> L. seeds. <i>Flavour and Fragrance Journal</i> , 2005, 20, 419-420.	1.2	13
74	Fast and Ecological Liquid-Liquid Separation Method for Preparing Quinones Enriched Extract from <i>Nigella sativa</i> Oil. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1