

# Jan Kraic

## List of Publications by Year in descending order

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57  
papers

504  
citations

777949

13  
h-index

889612

19  
g-index

57  
all docs

57  
docs citations

57  
times ranked

760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of New Polyclonal Antibody Developed for Serological Diagnostics of Tomato Mosaic Virus. <i>Viruses</i> , 2022, 14, 1331.	1.5	9
2	Establishment of Stem Cell-like Cells of <i>Sida hermaphrodita</i> (L.) Rusby from Explants Containing Cambial Meristems. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7644.	1.8	1
3	The impact of sewage sludge on the fungal communities in the rhizosphere and roots of barley and on barley yield. <i>Open Life Sciences</i> , 2021, 16, 210-221.	0.6	2
4	Biotic and Abiotic Elicitors of Stilbenes Production in <i>Vitis vinifera</i> L. Cell Culture. <i>Plants</i> , 2021, 10, 490.	1.6	13
5	Drought Stress in Cereals – A Review. <i>Agriculture</i> , 2021, 67, 47-60.	0.2	10
6	Formation of Potential Heterotic Groups of Oat Using Variation at Microsatellite Loci. <i>Plants</i> , 2021, 10, 2462.	1.6	3
7	Nutritional quality of hemp seeds ( <i>Cannabis sativa</i> L.) in different environments. <i>Journal of Central European Agriculture</i> , 2021, 22, 748-761.	0.3	2
8	High-Throughput Sequencing Reveals Bell Pepper Endornavirus Infection in Pepper ( <i>Capsicum annum</i> ) in Slovakia and Enables Its Further Molecular Characterization. <i>Plants</i> , 2020, 9, 41.	1.6	17
9	Procedures for DNA Extraction from Opium Poppy ( <i>Papaver somniferum</i> L.) and Poppy Seed-Containing Products. <i>Foods</i> , 2020, 9, 1429.	1.9	3
10	Diacylglycerol Acetyltransferase Gene Isolated from <i>Euonymus europaeus</i> L. Altered Lipid Metabolism in Transgenic Plant towards the Production of Acetylated Triacylglycerols. <i>Life</i> , 2020, 10, 205.	1.1	4
11	Responses of Rhizosphere Fungal Communities to the Sewage Sludge Application into the Soil. <i>Microorganisms</i> , 2019, 7, 505.	1.6	13
12	Higher Effectiveness of New Common Bean ( <i>Phaseolus vulgaris</i> L.) Germplasm Acquisition by Collecting Expeditions Associated with Molecular Analyses. <i>Sustainability</i> , 2019, 11, 5270.	1.6	6
13	High-throughput sequencing of Potato virus M from tomato in Slovakia reveals a divergent variant of the virus. <i>Plant Protection Science</i> , 2019, 55, 159-166.	0.7	8
14	Phenolic compounds and biological activities of rye ( <i>Secale cereale</i> L.) grains. <i>Open Chemistry</i> , 2019, 17, 988-999.	1.0	29
15	Effects of Nutrition on Wheat Photosynthetic Pigment Responses to Arsenic Stress. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 1821-1829.	0.6	17
16	Arbuscular Mycorrhizal Fungi – Their Life and Function in Ecosystem. <i>Agriculture</i> , 2019, 65, 3-15.	0.2	8
17	Genetic differentiation between local populations of <i>Ips typographus</i> in the high Tatra Mountains range. <i>Scandinavian Journal of Forest Research</i> , 2018, 33, 215-221.	0.5	4
18	Molecular and Biological Characterisation of Turnip mosaic virus Isolates Infecting Poppy ( <i>Papaver</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	9

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19	The Structure and Diversity of Bacterial Communities in Differently Managed Soils Studied by Molecular Fingerprinting Methods. <i>Sustainability</i> , 2018, 10, 1095.	1.6	6
20	Progress in the genetic engineering of cereals to produce essential polyunsaturated fatty acids. <i>Journal of Biotechnology</i> , 2018, 284, 115-122.	1.9	20
21	Agronomic and Economic Performance of Genetically Modified and Conventional Maize. <i>Agriculture</i> , 2018, 64, 87-93.	0.2	2
22	Antioxidant and Proteinase Inhibitory Activities of Selected Poppy ( <i>Papaver somniferum</i> L.) Genotypes. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700176.	1.0	15
23	Secondary metabolites, antioxidant and anti-proteinase activities of methanolic extracts from cones of hop ( <i>Humulus lupulus</i> L.) cultivars. <i>Chemical Papers</i> , 2017, 71, 41-48.	1.0	15
24	Introduction of a synthetic <i>Thermococcus</i> -derived $\alpha$ -amylase gene into barley genome for increased enzyme thermostability in grains. <i>Electronic Journal of Biotechnology</i> , 2017, 30, 1-5.	1.2	1
25	Forensic application of EST-derived STR markers in opium poppy. <i>Biologia (Poland)</i> , 2017, 72, 587-594.	0.8	11
26	Variable dynamics of cadmium uptake and allocation in four soybean cultivars. <i>Nova Biotechnologica Et Chimica</i> , 2017, 16, 99-104.	0.1	3
27	One Century of Interactions Between Intensive Breeding and Genetic Diversity Conservation of Barley. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 225-231.	0.5	0
28	Perception of biotech trees by Slovak university students – a comparative survey. <i>Nova Biotechnologica Et Chimica</i> , 2017, 16, 12-19.	0.1	0
29	Experimental Infection of Different Tomato Genotypes with Tomato mosaic virus Led to a Low Viral Population Heterogeneity in the Capsid Protein Encoding Region. <i>Plant Pathology Journal</i> , 2017, 33, 508-513.	0.7	4
30	The effects of anthocyanin-rich wheat diet on the oxidative status and behavior of rats. <i>Croatian Medical Journal</i> , 2016, 57, 119-129.	0.2	8
31	In Vitro Regeneration Potential of Seven Commercial Soybean Cultivars ( <i>Glycine max</i> L.) for Use in Biotechnology. <i>Nova Biotechnologica Et Chimica</i> , 2016, 15, 1-11.	0.1	2
32	Antioxidant and protease-inhibitory potential of extracts from grains of oat. <i>Open Chemistry</i> , 2016, 14, 324-334.	1.0	4
33	Can $\beta$ -D-Glucan Protect Oat Seeds against a Heat Stress?. <i>Nova Biotechnologica Et Chimica</i> , 2016, 15, 107-113.	0.1	10
34	The Activity of Cell-Wall Modifying $\beta$ -1,3-Glucanases in Soybean Grown in Presence of Heavy Metals. <i>Nova Biotechnologica Et Chimica</i> , 2016, 15, 114-121.	0.1	1
35	Molecular Selection Of Tomato And Pepper Breeding Lines Possessing Resistance Alleles Against Tobamoviruses. <i>Agriculture</i> , 2015, 61, 33-37.	0.2	2
36	In Silico Retrieving of Opium Poppy ( <i>Papaver Somniferum</i> L.) Microsatellites. <i>Agriculture</i> , 2015, 61, 149-156.	0.2	2

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37	Antioxidants, Enzyme Inhibitors, and Biogenic Compounds in Grain Extracts of Barleys. <i>Chemistry and Biodiversity</i> , 2015, 12, 1678-1695.	1.0	5
38	Biosynthesis of Essential Polyunsaturated Fatty Acids in Wheat Triggered by Expression of Artificial Gene. <i>International Journal of Molecular Sciences</i> , 2015, 16, 30046-30060.	1.8	12
39	Impact of Genetically Modified Stacked Maize NK603 Å— MON810 on the Genetic Diversity of Rhizobacterial Communities. <i>Agriculture</i> , 2015, 61, 139-148.	0.2	1
40	Anthocyanins in Wheat Seed â€“ A Mini Review. <i>Nova Biotechnologica Et Chimica</i> , 2014, 13, 1-12.	0.1	32
41	Elicitation Phenolic Compounds in Cell Culture of <i>Vitis vinifera</i> L. by <i>Phaeomoniella chlamydospora</i> . <i>Nova Biotechnologica Et Chimica</i> , 2014, 13, 162-171.	0.1	13
42	Genotyping of <i>Vitis vinifera</i> L. within the Slovak national collection of genetic resources. <i>Open Life Sciences</i> , 2014, 9, 761-767.	0.6	0
43	Impact of Genetically Modified Maize on the Genetic Diversity of Rhizosphere Bacteria: a Two-Year Study in Slovakia. <i>Polish Journal of Ecology</i> , 2014, 62, 67-76.	0.2	13
44	Bacterial Communities in Rhizosphere of Maize Studied by T-RFLP. <i>Agriculture</i> , 2014, 60, 98-104.	0.2	0
45	Enhanced in vitro propagation of <i>Miscanthus</i> Å—giganteus. <i>Industrial Crops and Products</i> , 2013, 41, 279-282.	2.5	24
46	Thermal and acido-basic stability of antioxidant properties of extracts from cereal and pseudocereal grains. <i>Biologia (Poland)</i> , 2013, 68, 99-104.	0.8	2
47	Biotechnology for the functional improvement of cerealâ€based materials enriched with PUFA and pigments. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 1247-1256.	1.0	26
48	A new high-molecular-weight glutenin subunit from the slovak wheat ( <i>Triticum aestivum</i> L.) cultivar â€“TrebíÅovskÅ; 76â€™. <i>Food Science and Biotechnology</i> , 2013, 22, 33-37.	1.2	6
49	Properties of Cereal Beta-D-Glucan Hydrocolloids and their Effect on Bread and Ketchup Parameters. <i>Polish Journal of Food and Nutrition Sciences</i> , 2013, 63, 79-86.	0.6	4
50	FLAVONOLS HPLC ANALYSIS, IN VITRO BIOLOGICAL ACTIVITIES IN SELECTED HUMULUS LUPULUS L. GENOTYPES. <i>Nova Biotechnologica Et Chimica</i> , 2013, 12, 129-140.	0.1	0
51	Genetic Diversity in Domestic and Introduced Wheats. <i>Agriculture</i> , 2013, 59, 101-110.	0.2	1
52	Proteinase inhibition and antioxidant activity of selected forage crops. <i>Biologia (Poland)</i> , 2011, 66, 96-103.	0.8	10
53	Biodiversity of Legume Healthâ€promoting Starch. <i>Starch/Staerke</i> , 2008, 60, 426-432.	1.1	27
54	Protein Heterogeneity in European Wheat Landraces and Obsolete Cultivars: Additional Information II. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 867-871.	0.8	19

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55	Clustering of Chickpea ( <i>Cicer arietinum</i> L.) Accessions. <i>Genetic Resources and Crop Evolution</i> , 2005, 52, 1039-1048.	0.8	6
56	Protein heterogeneity in European wheat landraces and obsolete cultivars: Additional information. <i>Genetic Resources and Crop Evolution</i> , 2004, 51, 569-575.	0.8	11
57	Protein heterogeneity in European wheat landraces and obsolete cultivars. <i>Genetic Resources and Crop Evolution</i> , 1999, 46, 521-528.	0.8	28