Tamas Komives

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6244162/publications.pdf

Version: 2024-02-01

92 papers	2,147 citations	411340 20 h-index	286692 43 g-index
108 all docs	108 docs citations	108 times ranked	2697 citing authors

#	Article	IF	Citations
1	Vaccinating plants. Ecocycles, 2022, 8, 40-50.	0.2	2
2	This is my life : In Memory of Professor Zoltan Kiraly (1925-2021). Ecocycles, 2021, 7, 47-51.	0.2	0
3	Importance of plant virus research - a brief revisit. Ecocycles, 2020, 6, 146-148.	0.2	0
4	Human geography of drylands. I. Planning the database: Physical, built-up, chemical, biological (ecological), and social indicators. Ecocycles, 2020, 6, 19-24.	0.2	0
5	Disease resistance in plants: The road to phytoalexins and beyond. Ecocycles, 2019, 5, 7-12.	0.2	6
6	Cultural heritage â€“ the first research campus in Hungary. Ecocycles, 2019, 5, 6-11.	0.2	0
7	Glutathione S-Transferase Enzymes in Plant-Pathogen Interactions. Frontiers in Plant Science, 2018, 9, 1836.	1.7	291
8	Extension of Aquaponic Water Use for NFT Baby-Leaf Production: Mizuna and Rocket Salad. Agronomy, 2018, 8, 75.	1.3	28
9	In Memory of Professor John E. Casida(1929-2018). Ecocycles, 2018, 4, 65-67.	0.2	1
10	Importance of nickel as a micronutrient in aquaponic systemsâ€“some theoretical considerations. Ecocycles, 2018, 4, 7-9.	0.2	0
11	Strategic Points in Aquaponics. Water (Switzerland), 2017, 9, 182.	1.2	85
12	Vegetable Intercropping in a Small-Scale Aquaponic System. Agronomy, 2017, 7, 63.	1.3	26
13	Metabolomics - what nomenclature to use?. Ecocycles, 2017, 3, 1-3.	0.2	2
14	Editable chemical structure files (SK2 and MDL mol) of pesticide active ingredients. Ecocycles, 2017, 3, .	0.2	0
15	From golden rice to drought-tolerant maize and new techniques to control plant disease - can we expect a breakthrough in crop production?. Ecocycles, 2017, 3, .	0.2	0
16	Research directions in plant protection chemistry. Ecocycles, 2017, 3, 4-12.	0.2	1
17	DNA Profiling of Transgenes in Genetically Modified Plants. Journal of Forensic Biomechanics, 2016, 07, .	0.2	0
18	Survey of Aquaponics in Europe. Water (Switzerland), 2016, 8, 468.	1.2	49

#	Article	IF	Citations
19	Chemical plant protection. Past. Present. Future?. Ecocycles, 2016, 2, .	0.2	2
20	On the sustainability of aquaponics. Ecocycles, 2016, 2, 26-32.	0.2	40
21	On ecocycles and circular economy. Ecocycles, 2016, 2, 44-46.	0.2	1
22	Nutrient supply of plants in aquaponic systems. Ecocycles, 2016, 2, .	0.2	60
23	On glyphosate. Ecocycles, 2016, 2, .	0.2	21
24	Overcoming ammonium toxicity. Plant Science, 2015, 231, 184-190.	1.7	227
25	Plant protection in aquaponic systems - Comment on Karthikeyan and Gopalakrishnan's (2014) â€œA novel report of phytopathogenic fungi Gilbertella persicaria infection on Penaeus monodonâ€• Aquaculture, 2015, 435, 275-276.	1.7	8
26	Effects of ammonium salts on oleaster (Elaeagnus angustifolia). Ecocycles, 2015, 1, 28-32.	0.2	2
27	Preface to the first issue of Ecocycles. Ecocycles, 2015, 1, 1-2.	0.2	1
28	On the Aquaponic Corner section of our Journal. Ecocycles, 2015, 1, 1-2.	0.2	2
29	Phytoextraction Potential of Wild Type and 35S-GSHI Transgenic Poplar Trees (PopulusÃ—Canescens) for Environmental Pollutants Herbicide Paraquat, Salt Sodium, Zinc Sulfate and Nitric OxideIn Vitro. International Journal of Phytoremediation, 2014, 16, 379-396.	1.7	9
30	Boron and zinc uptake of cucurbits â€" Field test andin silicoapproach. Acta Phytopathologica Et Entomologica Hungarica, 2012, 47, 275-284.	0.1	3
31	Inside and outside rhizosphere parameters of barley and dose-dependent stress alleviation at some chronic metal exposures. Acta Phytopathologica Et Entomologica Hungarica, 2012, 47, 373-383.	0.1	2
32	Modeling the BCF of persistent organic pollutants. Acta Phytopathologica Et Entomologica Hungarica, 2012, 47, 327-330.	0.1	0
33	Theoretical Molecular Descriptors Relevant to the Uptake of Persistent Organic Pollutants from Soil by Zucchini. A QSAR Study. Journal of Agricultural and Food Chemistry, 2011, 59, 2863-2869.	2.4	14
34	A Case Study: Uptake and Accumulation of Persistent Organic Pollutants in Cucurbitaceae Species. Plant Ecophysiology, 2011, , 77-85.	1.5	5
35	In vitro breeding of grey poplar (Populus Ã— canescens) for phytoremediation purposes. Journal of Chemical Technology and Biotechnology, 2009, 84, 890-894.	1.6	14
36	Using phytoremediation technologies to upgrade waste water treatment in Europe. Environmental Science and Pollution Research, 2007, 14, 490-497.	2.7	119

#	Article	IF	Citations
37	Triggering of a plant molecular defense mechanism: Increase in gene expression levels of transgenegshI and poplar genegsh1 (PopulusÃ—canescens) by response to the DNA demethylating drug DHAC â€" an qRT-PCR analysis. Acta Phytopathologica Et Entomologica Hungarica, 2007, 42, 235-243.	0.1	1
38	Dendroremediation: The Use of Trees in Cleaning up Polluted Soils. , 2006, , 23-31.		26
39	Defense Reactions of Infected Plants: Roles of Glutathione and Glutathione S-Transferase Enzymes. Acta Phytopathologica Et Entomologica Hungarica, 2006, 41, 3-10.	0.1	21
40	RT-PCR Analysis and Stress Response Capacity of Transgenic gshI-Poplar Clones (Populus Ã— canescens) in Response to Paraquat Exposure. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2006, 61, 699-703.	0.6	7
41	Effect of Weediness on the Water Content of the Soil: A Field Study. Communications in Soil Science and Plant Analysis, 2006, 37, 2673-2678.	0.6	10
42	To Die or Not to Die - Is Cell Death Dispensable for Resistance during the Plant Hypersensitive Response?. Acta Phytopathologica Et Entomologica Hungarica, 2006, 41, 11-21.	0.1	11
43	AFLP Analysis and Improved Phytoextraction Capacity of Transgenic gshI-Poplar Clones (Populus x) Tj ETQq1 1 0.784314 rgBT /Overlo 2005, 60, 300-306.	0.6	16
44	Loss of Nutrients Caused by Excessive Weediness at the Early Stage of Maize Vegetation Period. Communications in Soil Science and Plant Analysis, 2005, 36, 415-422.	0.6	11
45	Relationships Between Soil Characteristics and Weeds. Communications in Soil Science and Plant Analysis, 2005, 36, 623-628.	0.6	2
46	Competitiveness and Precision Management of the Noxious WeedCannabis sativaL. in Winter Wheat. Communications in Soil Science and Plant Analysis, 2005, 36, 629-634.	0.6	7
47	Ability of transgenic poplars with elevated glutathione content to tolerate zinc(2+) stress. Environment International, 2005, 31, 251-254.	4.8	134
48	Phytoremediation of soils polluted with chloroacetanilide herbicides. Cereal Research Communications, 2005, 33, 393-397.	0.8	2
49	Ability of Poplar (Populus spp.) to Detoxify Chloroacetanilide Herbicides. Water, Air and Soil Pollution, 2003, 3, 277-283.	0.8	16
50	Ligand-based computer-aided pesticide design. A review of applications of the CoMFA and CoMSIA methodologies. Pest Management Science, 2003, 59, 393-400.	1.7	42
51	The Role of Thiols in Plant Adaptation to Environmental Stress. , 2003, , 221-244.		18
52	Use of remote sensing to detect virus infected wheat plants in the field. Cereal Research Communications, 2003, 31, 113-120.	0.8	2
53	The Role of Glutathione and Glutathione-related Enzymes in Plant-pathogen Interactions. Plant Ecophysiology, 2001, , 207-239.	1.5	30
54	Enhanced tolerance of transgenic poplar plants overexpressing Î³â€glutamylcysteine synthetase towards chloroacetanilide herbicides. Journal of Experimental Botany, 2001, 52, 971-979.	2.4	148

#	Article	IF	Citations
55	Selective Induction of Glutathione S-Transferase Subunits in Wheat Plants Exposed to the Herbicide Acifluorfen. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 37-39.	0.6	11
56	Comparative Three-Dimensional Quantitative Structureâ"Activity Relationship Study of Safeners and Herbicides. Journal of Agricultural and Food Chemistry, 2000, 48, 926-931.	2.4	24
57	Phytoremediation. , 2000, , .		1
58	Chemical catalysis of the isomerisation of peroxidising herbicidal thiadiazolidines. Pest Management Science, 1999, 55, 657-658.	0.7	3
59	Elevation of Glutathione Level and Activation of Glutathione-related Enzymes Affect Virus Infection in Tobacco. Free Radical Research, 1999, 31, 155-161.	1.5	62
60	Role of Glutathione and Glutathione-Related Enzymes in Response of Plants to Environmental Stress. Annals of the New York Academy of Sciences, 1998, 851, 251-258.	1.8	15
61	Responses of Glutathione and Glutathione Sâ€Transferase to Cadmium and Mercury Exposure in Pedunculate Oak (Quercus robur) Leaf Discs. Botanica Acta, 1998, 111, 62-65.	1.6	11
62	Local and Systemic Responses of Antioxidants to Tobacco Mosaic Virus Infection and to Salicylic Acid in Tobacco (Role in Systemic Acquired Resistance). Plant Physiology, 1997, 114, 1443-1451.	2.3	195
63	The Ascorbate-Glutathione Cycle and Oxidative Stresses in Plants. , 1997, , 85-96.		6
64	Effects of herbicide stress on wheat cultivars from organic and conventional cropping systems. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 1996, 31, 585-590.	0.7	0
65	Induction of glutathione S-transferase activity and glutathione level in plants exposed to glyphosate. Physiologia Plantarum, 1995, 93, 689-694.	2.6	27
66	Notes: Differential Alterations of Glutathione S-Transferase Enzyme Activities in Three Sorghum Varieties Following Viral Infection. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1995, 50, 459-460.	0.6	11
67	Induction of glutathione S-transferase activity and glutathione level in plants exposed to glyphosate. Physiologia Plantarum, 1995, 93, 689-694.	2.6	14
68	Mechanisms of Plant Tolerance to Photodynamic Herbicides. ACS Symposium Series, 1994, , 177-190.	0.5	5
69	Induction of glutathione transferase activity in wheat and pea seedlings by cadmium. Acta Biologica Hungarica, 1994, 45, 11-6.	0.7	5
70	Effects of Phenylamide Pesticides on the GSH-Conjugation System of Phytophthora spp. Fungi. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1991, 46, 866-874.	0.6	8
71	Chemistry and Structure-Activity Relationships of Herbicide Safeners. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1991, 46, 798-804.	0.6	9
72	Enhanced Inducibility of Antioxidant Systems in a Nicotiana tabacum L. Biotype Results in Acifluorfen Resistance. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1991, 46, 875-881.	0.6	22

#	Article	IF	Citations
73	FACILE PREPARATION OF L-2-OXOTHIAZOLIDINE-4-CARBOXYLIC ACID (OTC). Organic Preparations and Procedures International, 1989, 21, 251-253.	0.6	1
74	Biochemical Mode of Action of the Antidote Fenclorim in Rice (Oryza sativa L.). Biochemie Und Physiologie Der Pflanzen, 1989, 184, 475-477.	0.5	9
75	Effects of Herbicide Safeners on Levels and Activity of Cytochrome P-450 and Other Enzymes of Corn. , 1989, , 129-145.		14
76	Effects of S-Ethyl-N,N-Dipropylthiocarbamate (EPTC) on Normal and Dwarf Seedlings of Zea mays L.. Biochemie Und Physiologie Der Pflanzen, 1987, 182, 257-260.	0.5	2
77	Gasâ€"liquid chromatographic method for the rapid analysis of the epicuticular wax composition of plants. Journal of Chromatography A, 1984, 287, 438-441.	1.8	8
78	Separation of glyceollin isomers Iâ€"III by thin-layer chromatography. Journal of Chromatography A, 1983, 261, 423-424.	1.8	7
79	Acifluorfen increases the leaf content of phytoalexins and stress metabolites in several crops. Journal of Agricultural and Food Chemistry, 1983, 31, 751-755.	2.4	53
80	ON THE MODE OF ACTION OF EPTC AND ITS ANTIDOTES. , 1983, , 213-218.		4
81	Diphenyl ether herbicides: Effects of acifluorfen on phenylpropanoid biosynthesis and phenylalanine ammonia-lyase activity in spinach. Pesticide Biochemistry and Physiology, 1982, 18, 191-196.	1.6	18
82	Extension of the AOAC multiresidue methodology for the determination of thiocarbamate herbicide residues in foods. Molecular Nutrition and Food Research, 1980, 24, 963-965.	0.0	1
83	Crown ether salt catalysis of ester aminolysis in an aprotic solvent. Reaction Kinetics and Catalysis Letters, 1980, 13, 357-359.	0.6	3
84	Alkylation of quinolines with trialkyl phosphates. Part 2. Mechanistic studies. Journal of the Chemical Society Perkin Transactions II, 1980, , 401-406.	0.9	9
85	Thin-layer chromatographic detection of herbicidal thiocarbamates and their sulphoxide and sulphone metabolites. Journal of Chromatography A, 1979, 175, 222-223.	1.8	6
86	Neighboring general acid participation in thiolester aminolysis in an aprotic solvent. Reaction Kinetics and Catalysis Letters, 1978, 8, 19-24.	0.6	0
87	Notizen: Effect of Ortho Substitution on the Aminolysis of Active Esters in Aprotic Solvents. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1977, 32, 1359-1360.	0.3	2
88	Alkylation of quinolines with trialkyl phosphates. Tetrahedron Letters, 1977, 18, 4545-4546.	0.7	9
89	Neighboring amide group participation in ester aminolysis in aprotic solvents. Reaction Kinetics and Catalysis Letters, 1976, 4, 43-48.	0.6	2
90	Substituent Effects on Aminolysis of S-p-Chlorophenyl Thiobenzoates in Acetonitrile. Journal FÃ¼r Praktische Chemie, 1976, 318, 248-252.	0.2	4

#	Article	IF	Citations
91	Notizen: Thiol Ester Aminolysis in Acetonitrile. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1975, 30, 138-138.	0.3	5
92	Increasing understanding of alien species through citizen science (Alien-CSI). Research Ideas and Outcomes, 0, 4, .	1.0	30