Laszlo Kredics

List of Publications by Year
in descending order

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126	4,052	147726	143943
papers	citations	31 h-index	57 g-index

137	137	137	3805
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative genome sequence analysis underscores mycoparasitism as the ancestral life style of Trichoderma. Genome Biology, 2011, 12, R40.	3.8	594
2	The History of Alamethicin: A Review of the Most Extensively Studied Peptaibol. Chemistry and Biodiversity, 2007, 4, 1027-1051.	1.0	209
3	Genome expansion and lineage-specific genetic innovations in the forest pathogenic fungi Armillaria. Nature Ecology and Evolution, 2017, 1, 1931-1941.	3.4	145
4	Peptaibols and Related Peptaibiotics ofTrichoderma. Acta Microbiologica Et Immunologica Hungarica, 2005, 52, 137-168.	0.4	141
5	Belowground Microbiota and the Health of Tree Crops. Frontiers in Microbiology, 2018, 9, 1006.	1.5	118
6	Filamentous fungal infections of the cornea: a global overview of epidemiology and drug sensitivity. Mycoses, 2015, 58, 243-260.	1.8	113
7	Genetically Closely Related but Phenotypically Divergent Trichoderma Species Cause Green Mold Disease in Oyster Mushroom Farms Worldwide. Applied and Environmental Microbiology, 2007, 73, 7415-7426.	1.4	111
8	Clinical importance of the genusTrichoderma. Acta Microbiologica Et Immunologica Hungarica, 2003, 50, 105-117.	0.4	99
9	Green Mold Diseases of Agaricus and Pleurotus spp. Are Caused by Related but Phylogenetically Different Trichoderma Species. Phytopathology, 2007, 97, 532-537.	1.1	95
10	Alternative reproductive strategies of Hypocrea orientalis and genetically close but clonal Trichoderma longibrachiatum, both capable of causing invasive mycoses of humans. Microbiology (United Kingdom), 2008, 154, 3447-3459.	0.7	90
11	Involvement of Fusarium spp. in fungal keratitis. Clinical Microbiology and Infection, 2004, 10, 773-776.	2.8	87
12	Lipase 8 Affects the Pathogenesis ofCandida albicans. Infection and Immunity, 2007, 75, 4710-4718.	1.0	75
13	Structural Diversity and Bioactivities of Peptaibol Compounds From the Longibrachiatum Clade of the Filamentous Fungal Genus Trichoderma. Frontiers in Microbiology, 2019, 10, 1434.	1.5	63
14	In vitro water activity and pH dependence of mycelial growth and extracellular enzyme activities of Trichoderma strains with biocontrol potential*. Journal of Applied Microbiology, 2004, 96, 491-498.	1.4	61
15	20â€Residue and 11â€residue peptaibols from the fungus <scp>T</scp>richodermaÂlongibrachiatum are synergistic in forming <scp>N</scp>a⁺/<scp>K</scp>⁺â€permeable channels and adverse action towards mammalian cells. FEBS Journal, 2012, 279, 4172-4190.	2.2	60
16	Fusarium keratitis in South India: causative agents, their antifungal susceptibilities and a rapid identification method for the <scp>F</scp>usarium solani species complex. Mycoses, 2013, 56, 501-511.	1.8	53
17	Extracellular Proteases ofTrichodermaSpecies. Acta Microbiologica Et Immunologica Hungarica, 2005, 52, 169-184.	0.4	52
18	Ecophysiology and breeding of mycoparasitic Trichoderma strains. Acta Microbiologica Et Immunologica Hungarica, 2002, 49, 1-14.	0.4	50

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19	Influence of Water Potential on Growth, Enzyme Secretion and In Vitro Enzyme Activities of Trichoderma harzianum at Different Temperatures. Current Microbiology, 2000, 40, 310-314.	1.0	49
20	Epidemiology of Aspergillus keratitis at a tertiary care eye hospital in South India and antifungal susceptibilities of the causative agents. Mycoses, 2013, 56, 26-33.	1.8	44
21	Time-resolved study of absorbing film assisted laser induced forward transfer ofTrichoderma longibrachiatumconidia. Journal Physics D: Applied Physics, 2005, 38, 833-837.	1.3	43
22	Molecular identification ofTrichodermaspecies associated withPleurotus ostreatusand natural substrates of the oyster mushroom. FEMS Microbiology Letters, 2009, 300, 58-67.	0.7	42
23	Changes in Peptaibol Production of Trichoderma Species during In Vitro Antagonistic Interactions with Fungal Plant Pathogens. Biomolecules, 2020, 10, 730.	1.8	41
24	Exposure to indoor air contaminants in school buildings with and without reported indoor air quality problems. Environment International, 2020, 141, 105781.	4.8	38
25	Breeding of mycoparasitic Trichoderma strains for heavy metal resistance. Letters in Applied Microbiology, 2001, 33, 112-116.	1.0	37
26	Production of Trichoderma strains with pesticide-polyresistance by mutagenesis and protoplast fusion. Antonie Van Leeuwenhoek, 2006, 89, 387-393.	0.7	37
27	Acrebol, a novel toxic peptaibol produced by anAcremonium exuviarumindoor isolate. Journal of Applied Microbiology, 2009, 106, 909-923.	1.4	37
28	Infectious Keratitis Caused by Aspergillus tubingensis. Cornea, 2009, 28, 951-954.	0.9	36
29	Antifungal Susceptibility and Phylogeny of Opportunistic Members of the GenusFusariumCausing Human Keratomycosis in South India. Medical Mycology, 2016, 54, 287-294.	0.3	36
30	Molecular Tools for Monitoring Trichoderma in Agricultural Environments. Frontiers in Microbiology, 2018, 9, 1599.	1.5	36
31	IndoorTrichodermastrains emitting peptaibols in guttation droplets. Journal of Applied Microbiology, 2018, 125, 1408-1422.	1.4	36
32	Case of Keratitis Caused by Aspergillus tamarii. Journal of Clinical Microbiology, 2007, 45, 3464-3467.	1.8	35
33	Biodiversity of the Genus Hypocrea/Trichoderma in Different Habitats. , 2014, , 3-24.		34
34	Characterization of pseudomonads isolated from decaying sporocarps of oyster mushroom. Microbiological Research, 2011, 166, 255-267.	2.5	32
35	Mycotic Keratitis Due to Aspergillus nomius. Journal of Clinical Microbiology, 2009, 47, 3382-3385.	1.8	31
36	Diversity Profile and Dynamics of Peptaibols Produced by Green Mould Trichoderma Species in Interactions with Their Hosts Agaricus bisporus and Pleurotus ostreatus. Chemistry and Biodiversity, 2017, 14, e1700033.	1.0	31

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37	New 19-Residue Peptaibols from Trichoderma Clade Viride. Microorganisms, 2018, 6, 85.	1.6	31
38	Recent Results in Alamethicin Research. Chemistry and Biodiversity, 2013, 10, 744-771.	1.0	29
39	Screening of Organic Substrates for Solid-State Fermentation, Viability and Bioefficacy of Trichoderma harzianum AS12-2, a Biocontrol Strain Against Rice Sheath Blight Disease. Agronomy, 2020, 10, 1258.	1.3	29
40	Effects of Different Cultivation Parameters on the Production of Surfactin Variants by a Bacillus subtilis Strain. Molecules, 2018, 23, 2675.	1.7	28
41	South Indian Isolates of the Fusarium solani Species Complex From Clinical and Environmental Samples: Identification, Antifungal Susceptibilities, and Virulence. Frontiers in Microbiology, 2018, 9, 1052.	1.5	28
42	Towards the Biological Control of Devastating Forest Pathogens from the Genus Armillaria. Forests, 2019, 10, 1013.	0.9	28
43	Agricultural systems as potential sources of emerging human mycoses caused by Trichoderma: a successful, common phylotype of Trichoderma longibrachiatum in the frontline. FEMS Microbiology Letters, 2019, 366, .	0.7	28
44	Novel Mycotoxin from Acremonium exuviarum Is a Powerful Inhibitor of the Mitochondrial Respiratory Chain Complex III. Chemical Research in Toxicology, 2009, 22, 565-573.	1.7	26
45	Isolation and characterization of protease overproducing mutants of Trichoderma harzianum. FEMS Microbiology Letters, 2004, 233, 215-222.	0.7	26
46	Penicillium expansum strain isolated from indoor building material was able to grow on gypsum board and emitted guttation droplets containing chaetoglobosins and communesins A, B and D. Journal of Applied Microbiology, 2019, 127, 1135-1147.	1.4	25
47	Ventilation Positive Pressure Intervention Effect on Indoor Air Quality in a School Building with Moisture Problems. International Journal of Environmental Research and Public Health, 2018, 15, 230.	1.2	24
48	Changes in activity of extracellular enzymes in dual cultures of Lentinula edodes and mycoparasitic Trichoderma strains. Journal of Applied Microbiology, 2002, 92, 415-423.	1.4	22
49	Effect of Heavy Metals on Growth and Extracellular Enzyme Activities of Mycoparasitic Trichoderma Strains. Bulletin of Environmental Contamination and Toxicology, 2001, 66, 249-254.	1.3	21
50	Keratitis caused by the recently described new species Aspergillus brasiliensis: two case reports. Journal of Medical Case Reports, 2010, 4, 68.	0.4	21
51	The First Report on Mushroom Green Mould Disease in Croatia / Prvi IzvjeÅ¡taj O Bolesti Zelene Plijesni U Hrvatskoj. Arhiv Za Higijenu Rada I Toksikologiju, 2012, 63, 481-487.	0.4	21
52	Characterization of Aspergillus tamarii Strains From Human Keratomycoses: Molecular Identification, Antifungal Susceptibility Patterns and Cyclopiazonic Acid Producing Abilities. Frontiers in Microbiology, 2019, 10, 2249.	1.5	21
53	Complete DNA Sequence and Analysis of a Mitochondrial Plasmid in the Mycoparasitic Trichoderma harzianum Strain T95. Plasmid, 2002, 47, 148-152.	0.4	20
54	Production of Extracellular Proteases by Human PathogenicTrichoderma longibrachiatumStrains. Acta Microbiologica Et Immunologica Hungarica, 2004, 51, 283-295.	0.4	20

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55	Comparative Study of Potential Virulence Factors in Human Pathogenic and Saprophytic Trichoderma longibrachiatum Strains. Acta Microbiologica Et Immunologica Hungarica, 2005, 52, 341-350.	0.4	20
56	Isolation of new Pseudomonas tolaasii bacteriophages and genomic investigation of the lytic phage BF7. FEMS Microbiology Letters, 2012, 332, 162-169.	0.7	20
57	Isolated sinusitis sphenoidalis caused by Trichoderma longibrachiatum in an immunocompetent patient with headache. Journal of Medical Microbiology, 2013, 62, 1249-1252.	0.7	20
58	A novel, image analysis-based method for the evaluation of in vitro antagonism. Journal of Microbiological Methods, 2006, 65, 619-622.	0.7	19
59	Antifungal Effect of Essential Oils against Fusarium Keratitis Isolates. Planta Medica, 2015, 81, 1277-1284.	0.7	19
60	Detection of Chaetomium globosum, Ch. cochliodes and Ch. rectangulare during the Diversity Tracking of Mycotoxin-Producing Chaetomium-like Isolates Obtained in Buildings in Finland. Toxins, 2020, 12, 443.	1.5	19
61	Trichoderma as a human pathogen.. , 2013, , 292-313.		19
62	Comparative gene expression profiles of Trichoderma harzianum proteases during in vitro nematode egg-parasitism. Biological Control, 2013, 67, 337-343.	1.4	18
63	In vitro susceptibility of filamentous fungi from mycotic keratitis to azole drugs. Journal De Mycologie Medicale, 2015, 25, 44-49.	0.7	18
64	First Report of Trichoderma aggressivum f. aggressivum Green Mold on Agaricus bisporus in Europe. Plant Disease, 2017, 101, 1052.	0.7	18
65	Exophiala dermatitidis Endophthalmitis: Case Report and Literature Review. Mycopathologia, 2018, 183, 603-609.	1.3	18
66	Corneal ulcer due toNeocosmospora vasinfectain an immunocompetent patient. Medical Mycology, 2008, 46, 279-284.	0.3	17
67	The air spora of an orchid greenhouse. Aerobiologia, 2011, 27, 121-134.	0.7	17
68	Genome analysis of a Bacillus subtilis strain reveals genetic mutations determining biocontrol properties. World Journal of Microbiology and Biotechnology, 2019, 35, 52.	1.7	17
69	Production of bacteriolytic enzymes by mycoparasitic Trichoderma strains. World Journal of Microbiology and Biotechnology, 2002, 18, 147-150.	1.7	16
70	Species pattern and phylogenetic relationships ofTrichodermastrains in rice fields of Southern Caspian Sea, Iran. Cereal Research Communications, 2011, 39, 560-568.	0.8	16
71	Effects of Ventilation Improvement on Measured and Perceived Indoor Air Quality in a School Building with a Hybrid Ventilation System. International Journal of Environmental Research and Public Health, 2018, 15, 1414.	1.2	16
72	Accelerated Molecular Dynamics Applied to the Peptaibol Folding Problem. International Journal of Molecular Sciences, 2019, 20, 4268.	1.8	16

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73	Strain-specific SCAR markers for the detection ofTrichoderma harzianumAS12-2, a biological control agent againstRhizocto nia solani, the causal agent of rice sheath blight. Acta Biologica Hungarica, 2011, 62, 73-84.	0.7	15
74	An Evaluation of Boar Spermatozoa as a Biosensor for the Detection of Sublethal and Lethal Toxicity. Toxins, 2018, 10, 463.	1.5	15
75	High-Frequency Occurrence of Surfactin Monomethyl Isoforms in the Ferment Broth of a Bacillus subtilis Strain Revealed by Ion Trap Mass Spectrometry. Molecules, 2018, 23, 2224.	1.7	15
76	A Composite Bioinoculant Based on the Combined Application of Beneficial Bacteria and Fungi. Agronomy, 2020, 10, 220.	1.3	15
77	Effect of Heavy Metals on Growth and Extracellular Enzyme Activities of Mycoparasitic Trichoderma Strains. Bulletin of Environmental Contamination and Toxicology, 2001, 66, 249-254.	1.3	14
78	Keratitis caused by Aspergillus pseudotamarii. Medical Mycology Case Reports, 2013, 2, 91-94.	0.7	14
79	Sensitivity of Trichoderma strains from edible mushrooms to the fungicides prochloraz and metrafenone. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 54-63.	0.7	13
80	Etest for assessing the susceptibility of filamentous fungi. Acta Microbiologica Et Immunologica Hungarica, 2004, 51, 271-281.	0.4	12
81	Influence of agroâ€environmental pollutants on a biocontrol strain of Bacillus velezensis. MicrobiologyOpen, 2019, 8, e00660.	1.2	12
82	Tripleurin XIIc: Peptide Folding Dynamics in Aqueous and Hydrophobic Environment Mimic Using Accelerated Molecular Dynamics. Molecules, 2019, 24, 358.	1.7	12
83	New Species of the Genus Curvularia: C. tamilnaduensis and C. coimbatorensis from Fungal Keratitis Cases in South India. Pathogens, 2020, 9, 9.	1.2	12
84	Epidemiology, Biotic Interactions and Biological Control of Armillarioids in the Northern Hemisphere. Pathogens, 2021, 10, 76.	1.2	12
85	Trichoderma. Books in Soils, Plants, and the Environment, 2006, , 491-500.	0.1	12
86	Members of the Trichoderma harzianum Species Complex with Mushroom Pathogenic Potential. Agronomy, 2021, 11, 2434.	1.3	12
87	Rapid identification of clinical Trichoderma longibrachiatum isolates by cellulose-acetate electrophoresis-mediated isoenzyme analysis. Clinical Microbiology and Infection, 2006, 12, 369-375.	2.8	11
88	Molecular diagnosis, epidemiology and taxonomy of emerging medically important filamentous fungi. Reviews in Medical Microbiology, 2004, 15, 153-162.	0.4	9
89	Environmental characteristics and taxonomy of microscopic fungi isolated from washing machines. Fungal Biology, 2019, 123, 650-659.	1.1	9
90	â€˜The Good, the Bad and the Uglyâ€™ in the shades of green: the genus Trichoderma in the spotlight. Indian Phytopathology, 2021, 74, 403-411.	0.7	9

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91	Chaetomium and Chaetomium-like Species from European Indoor Environments Include Dichotomopilus finlandicus sp. nov.. Pathogens, 2021, 10, 1133.	1.2	9
92	Black aspergilli in tropical infections. Reviews in Medical Microbiology, 2008, 19, 65-78.	0.4	8
93	Effect of the edaphic factors and metal content in soil on the diversity of Trichoderma spp.. Environmental Science and Pollution Research, 2017, 24, 3375-3386.	2.7	8
94	Screening Mold Colonies by Using Two Toxicity Assays Revealed Indoor Strains of Aspergillus calidoustus Producing Ophiobolins G and K. Toxins, 2019, 11, 683.	1.5	8
95	Bioreactivity, Guttation and Agents Influencing Surface Tension of Water Emitted by Actively Growing Indoor Mould Isolates. Microorganisms, 2020, 8, 1940.	1.6	8
96	Comprehensive characterization of stress tolerant bacteria with plant growth-promoting potential isolated from glyphosate-treated environment. World Journal of Microbiology and Biotechnology, 2021, 37, 94.	1.7	8
97	Peptaibol profiles of Iranian Trichoderma isolates. Acta Biologica Hungarica, 2016, 67, 431-441.	0.7	7
98	Phylogenetic analysis and description of two new species of pollen-parasitic Retiarius (anamorphic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	7
99	Mycoceros antennatissimus gen. et sp. nov.: a mitosporic fungus capturing pollen grains. Mycological Progress, 2018, 17, 33-43.	0.5	7
100	Melinacidin-Producing Acrostalagmus luteoalbus, a Major Constituent of Mixed Mycobiota Contaminating Insulation Material in an Outdoor Wall. Pathogens, 2021, 10, 843.	1.2	7
101	Characterization of the extracellular enzyme systems of trichoderma viride AH124. Acta Biologica Hungarica, 2001, 52, 223-229.	0.7	6
102	Intraspecific mitochondrial DNA polymorphism within the emerging filamentous fungal pathogen Trichoderma longibrachiatum. Journal of Medical Microbiology, 2006, 55, 31-35.	0.7	6
103	Mycological Investigation of Bottled Water Dispensers in Healthcare Facilities. Pathogens, 2021, 10, 871.	1.2	6
104	Impact of global megatrends on the spread of microscopic fungi in the Pannonian Biogeographical Region. Fungal Biology Reviews, 2021, 37, 71-88.	1.9	6
105	Extracellular Enzymes and Mycotoxins as Virulence Factors in Fusarium and Aspergillus Keratitis. Biosciences, Biotechnology Research Asia, 2014, 11, 479-490.	0.2	6
106	DNA Barcode for Species Identification in Trichoderma. , 2014, , 41-55.		5
107	Bioactive Peptaibols of Forest-Derived Trichoderma Isolates from Section Longibrachiatum. , 2017, , 277-290.		5
108	Survey of viable airborne fungi in wine cellars of Tokaj, Hungary. Aerobiologia, 2018, 34, 171-185.	0.7	5

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109	Selection and Characterization of a Bacillus Strain for Potential Application in Industrial Production of White Button Mushroom (Agaricus bisporus). Agronomy, 2022, 12, 467.	1.3	5
110	Purification and preliminary characterization of a cold-adapted extracellular proteinase fromTrichoderma atroviride. Acta Biologica Hungarica, 2008, 59, 259-268.	0.7	4
111	Discrimination between the Two Closely Related Species of the Operational Group B. amyloliquefaciens Based on Whole-Cell Fatty Acid Profiling. Microorganisms, 2022, 10, 418.	1.6	4
112	Trichoderma Green Mould Disease of Cultivated Mushrooms. Fungal Biology, 2022, , 559-606.	0.3	3
113	Combined genotyping strategy reveals structural differences between Aspergillus flavus lineages from different habitats impacting human health. Journal of Basic Microbiology, 2017, 57, 899-909.	1.8	2
114	Bioprospecting and biodiversity investigations of endophytic fungi isolated from Juniperus communis. Acta Biologica Szegediensis, 2021, 64, 129-138.	0.7	2
115	Extracellular proteases of mycoparasitic and nematophagous fungi.. , 2009, , 290-307.		2
116	Biological control of rice sheath blight disease with formulation of indigenous Trichoderma strains under paddy field conditions. Acta Biologica Szegediensis, 2019, 63, 37-43.	0.7	2
117	Survival and growth of microscopic fungi derived from tropical regions under future heat waves in the Pannonian Biogeographical Region. Fungal Biology, 2022, 126, 511-520.	1.1	2
118	Corneal ulcer/keratitis derived Aspergillus flavus & Aspergillus tamarii and their RAPD-PCR typing. Journal of King Saud University - Science, 2020, 32, 2103-2111.	1.6	1
119	Degradation of linuron in soil by two fungal strains. Zbornik Matice Srpske Za Prirodne Nauke, 2015, , 45-54.	0.0	1
120	Editorial: Multilateral Interactions in the Rhizosphere. Frontiers in Microbiology, 2021, 12, 798728.	1.5	1
121	Response of the mushroom pathogen Cladobotryum mycophilum to prochloraz and metrafenone fungicides and Streptomyces flavovirens actinobacteria. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2022, 57, 636-643.	0.7	1
122	Proteases ofTrichoderma Strains from Hungarian Winter Wheat Rhizosphere. , 0, , 664-668.		0
123	Thematic issue on Human Pathogens in the Environment: biology and risk factors. FEMS Microbiology Letters, 2020, 367, .	0.7	0
124	- Neocosmosporas. , 2011, , 476-485.		0
125	Sclerophthora rayssiae var. zeae. , 2014, , 819-822.		0
126	Peronosclerospora philippinensis and Related Species. , 2014, , 795-800.		0