

Ika Djukic

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,512
citations

471061

17
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

3304
citing authors

#	ARTICLE	IF	CITATIONS
1	Genesis, goals and achievements of Long-Term Ecological Research at the global scale: A critical review of ILTER and future directions. <i>Science of the Total Environment</i> , 2018, 626, 1439-1462.	3.9	191
2	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018, 628-629, 1369-1394.	3.9	177
3	Microbial community composition and activity in different Alpine vegetation zones. <i>Soil Biology and Biochemistry</i> , 2010, 42, 155-161.	4.2	156
4	Tracking, targeting, and conserving soil biodiversity. <i>Science</i> , 2021, 371, 239-241.	6.0	151
5	Soil organic matter stocks and characteristics along an Alpine elevation gradient. <i>Journal of Plant Nutrition and Soil Science</i> , 2010, 173, 30-38.	1.1	133
6	Effects of land use on soil microbial biomass, activity and community structure at different soil depths in the Danube floodplain. <i>European Journal of Soil Biology</i> , 2017, 79, 14-20.	1.4	118
7	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). <i>Methods in Ecology and Evolution</i> , 2020, 11, 22-37.	2.2	68
8	Towards Harmonizing Leaf Litter Decomposition Studies Using Standard Tea Bags – A Field Study and Model Application. <i>Forests</i> , 2016, 7, 167.	0.9	57
9	Decomposition of beech (<i>Fagus sylvatica</i>) and pine (<i>Pinus nigra</i>) litter along an Alpine elevation gradient: Decay and nutrient release. <i>Geoderma</i> , 2015, 251-252, 92-104.	2.3	55
10	Spatial distribution of microbial biomass and residues across soil aggregate fractions at different elevations in the Central Austrian Alps. <i>Geoderma</i> , 2019, 339, 1-8.	2.3	55
11	<i>In situ</i> carbon turnover dynamics and the role of soil microorganisms therein: a climate warming study in an Alpine ecosystem. <i>FEMS Microbiology Ecology</i> , 2013, 83, 112-124.	1.3	48
12	Decomposition of European beech and Black pine foliar litter along an Alpine elevation gradient: Mass loss and molecular characteristics. <i>Geoderma</i> , 2012, 189-190, 522-531.	2.3	37
13	Lignin decomposition along an Alpine elevation gradient in relation to physicochemical and soil microbial parameters. <i>Global Change Biology</i> , 2014, 20, 2272-2285.	4.2	26
14	Contribution of carbonate weathering to the CO ₂ efflux from temperate forest soils. <i>Biogeochemistry</i> , 2015, 124, 273-290.	1.7	26
15	Variations in soil and microbial biomass C, N and fungal biomass ergosterol along elevation and depth gradients in Alpine ecosystems. <i>Geoderma</i> , 2019, 345, 93-103.	2.3	26
16	Microbial necromass formation, enzyme activities and community structure in two alpine elevation gradients with different bedrock types. <i>Geoderma</i> , 2021, 386, 114922.	2.3	26
17	Effects of Climate and Atmospheric Nitrogen Deposition on Early to Mid-Term Stage Litter Decomposition Across Biomes. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	20
18	Historic nitrogen deposition determines future climate change effects on nitrogen retention in temperate forests. <i>Climatic Change</i> , 2017, 144, 221-235.	1.7	19

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19	Soil organic carbon and microbial communities respond to vineyard management. <i>Soil Use and Management</i> , 2015, 31, 528-533.	2.6	18
20	Treeline advances and associated shifts in the ground vegetation alter fine root dynamics and mycelia production in the South and Polar Urals. <i>Oecologia</i> , 2017, 183, 571-586.	0.9	15
21	Direct and understory-mediated indirect effects of human-induced environmental changes on litter decomposition in temperate forest. <i>Soil Biology and Biochemistry</i> , 2019, 138, 107579.	4.2	13
22	Climate and air pollution impacts on habitat suitability of Austrian forest ecosystems. <i>PLoS ONE</i> , 2017, 12, e0184194.	1.1	13
23	Ecosystem type drives tea litter decomposition and associated prokaryotic microbiome communities in freshwater and coastal wetlands at a continental scale. <i>Science of the Total Environment</i> , 2021, 782, 146819.	3.9	12
24	Mid-infrared spectroscopy for topsoil layer identification according to litter type and decompositional stage demonstrated on a large sample set of Austrian forest soils. <i>Geoderma</i> , 2011, 166, 162-170.	2.3	11
25	Harmonized data on early stage litter decomposition using tea material across Japan. <i>Ecological Research</i> , 2019, 34, 575-576.	0.7	8
26	Microbial diversity-ecosystem function relationships across environmental gradients. <i>Research Ideas and Outcomes</i> , 0, 6, .	1.0	8
27	Functional response of an Austrian forest soil to N addition. <i>Environmental Research Communications</i> , 2021, 3, 025001.	0.9	7
28	Variations in fungal community structure along elevation gradients in contrasting Austrian Alpine ecosystems. <i>Applied Soil Ecology</i> , 2022, 177, 104508.	2.1	7
29	Disentangling climate from soil nutrient effects on plant biomass production using a multispecies phytometer. <i>Ecosphere</i> , 2021, 12, e03719.	1.0	5
30	Temperature sensitivity of CO ₂ efflux in soils from two alpine elevation levels with distinct bedrock types. <i>Applied Soil Ecology</i> , 2021, 162, 103875.	2.1	3
31	Long- and Short-Term Inorganic Nitrogen Runoff from a Karst Catchment in Austria. <i>Forests</i> , 2020, 11, 1112.	0.9	2