

Michaël Aubert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9501374/publications.pdf>

Version: 2024-02-01

50
papers

2,667
citations

270111

25
h-index

214428

50
g-index

51
all docs

51
docs citations

51
times ranked

4110
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term dynamic responses of soil properties and soil fauna under contrasting tillage systems. <i>Soil and Tillage Research</i> , 2022, 215, 105191.	2.6	17
2	Size fractions of organic matter pools influence their stability: Application of the Rock-Eval [®] analysis to beech forest soils. <i>Pedosphere</i> , 2022, 32, 565-575.	2.1	2
3	A Standardized Morpho-Functional Classification of the Planet's Humipedons. <i>Soil Systems</i> , 2022, 6, 59.	1.0	7
4	The climatic debt is growing in the understory of temperate forests: Stand characteristics matter. <i>Global Ecology and Biogeography</i> , 2021, 30, 1474-1487.	2.7	28
5	Pond creation and restoration: patterns of odonate colonization and community dynamics. <i>Biodiversity and Conservation</i> , 2021, 30, 4379-4399.	1.2	4
6	Combined forest and soil management after a catastrophic event. <i>Journal of Mountain Science</i> , 2020, 17, 2459-2484.	0.8	4
7	Solar UV-A radiation and blue light enhance tree leaf litter decomposition in a temperate forest. <i>Oecologia</i> , 2019, 191, 191-203.	0.9	30
8	<i>TerrHum</i> : An iOS Application for Classifying Terrestrial Humipedons and Some Considerations about Soil Classification. <i>Soil Science Society of America Journal</i> , 2019, 83, S42.	1.2	5
9	Forest humus forms as a playground for studying aboveground-belowground relationships: Part 2, a case study along the dynamics of a broadleaved plain forest ecosystem. <i>Applied Soil Ecology</i> , 2018, 123, 398-408.	2.1	2
10	Humusica 1, article 4: Terrestrial humus systems and forms – Specific terms and diagnostic horizons. <i>Applied Soil Ecology</i> , 2018, 122, 56-74.	2.1	33
11	Humusica 1, article 5: Terrestrial humus systems and forms – Keys of classification of humus systems and forms. <i>Applied Soil Ecology</i> , 2018, 122, 75-86.	2.1	45
12	Forest humus forms as a playground for studying aboveground-belowground relationships: Part 1, theoretical backgrounds. <i>Applied Soil Ecology</i> , 2018, 123, 391-397.	2.1	3
13	Humusica 2, article 17: techno humus systems and global change – three crucial questions. <i>Applied Soil Ecology</i> , 2018, 122, 237-253.	2.1	7
14	Humusica 1, article 1: Essential bases – Vocabulary. <i>Applied Soil Ecology</i> , 2018, 122, 10-21.	2.1	16
15	Plasticity in leaf litter traits partly mitigates the impact of thinning on forest floor carbon cycling. <i>Functional Ecology</i> , 2018, 32, 2777-2789.	1.7	8
16	Soil fauna as bioindicators of organic matter export in temperate forests. <i>Forest Ecology and Management</i> , 2018, 429, 549-557.	1.4	13
17	Plant interactions as biotic drivers of plasticity in leaf litter traits and decomposability of <i>Quercus petraea</i> . <i>Ecological Monographs</i> , 2017, 87, 321-340.	2.4	20
18	Introduction of Faba bean in crop rotation: Impacts on soil chemical and biological characteristics. <i>Applied Soil Ecology</i> , 2017, 120, 219-228.	2.1	57

#	ARTICLE	IF	CITATIONS
19	Forest plant community as a driver of soil biodiversity: experimental evidence from collembolan assemblages through large-scale and long-term removal of oak canopy trees <i>Quercus petraea</i> . <i>Oikos</i> , 2017, 126, 420-434.	1.2	29
20	Slow decomposition of leaf litter from mature <i>Fagus sylvatica</i> trees promotes offspring nitrogen acquisition by interacting with ectomycorrhizal fungi. <i>Journal of Ecology</i> , 2017, 105, 528-539.	1.9	24
21	Tree species richness induces strong intraspecific variability of beech (<i>Fagus sylvatica</i>) leaf traits and alleviates edaphic stress. <i>European Journal of Forest Research</i> , 2016, 135, 707-717.	1.1	17
22	Dynamics of soil organic matter based on new Rock-Eval indices. <i>Geoderma</i> , 2016, 284, 185-203.	2.3	67
23	Forest management adaptation to climate change: a Cornelian dilemma between drought resistance and soil macro-detritivore functional diversity. <i>Journal of Applied Ecology</i> , 2015, 52, 913-927.	1.9	14
24	Liming impacts <i>Fagus sylvatica</i> leaf traits and litter decomposition 25 years after amendment. <i>Forest Ecology and Management</i> , 2015, 353, 67-76.	1.4	19
25	A comparison of permanent and fluctuating flooding on microbial properties in an ex-situ estuarine riparian system. <i>Applied Soil Ecology</i> , 2014, 78, 1-10.	2.1	8
26	Home-Field Advantage: A matter of interaction between litter biochemistry and decomposer biota. <i>Soil Biology and Biochemistry</i> , 2013, 67, 245-254.	4.2	83
27	PLS-regressions highlight litter quality as the major predictor of humus form shift along forest maturation. <i>Soil Biology and Biochemistry</i> , 2013, 57, 969-971.	4.2	27
28	Forest ageing: An unexpected driver of beech leaf litter quality variability in European forests with strong consequences on soil processes. <i>Forest Ecology and Management</i> , 2013, 302, 338-345.	1.4	59
29	Niche overlap and species assemblage dynamics in an ageing pasture gradient in north-western France. <i>Acta Oecologica</i> , 2011, 37, 212-219.	0.5	31
30	Does moder development along a pure beech (<i>Fagus sylvatica</i> L.) chronosequence result from changes in litter production or in decomposition rates?. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1490-1497.	4.2	29
31	Humus macro-morphology and soil microbial community changes along a 130-yr-old <i>Fagus sylvatica</i> chronosequence. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1553-1562.	4.2	22
32	Changes in humus forms and soil N pathways along a 130-year-old pure beech forest chronosequence. <i>Annals of Forest Science</i> , 2011, 68, 595-606.	0.8	11
33	Aboveground–belowground relationships in temperate forests: Plant litter composes and microbiota orchestrates. <i>Forest Ecology and Management</i> , 2010, 259, 563-572.	1.4	48
34	Changes in soil N mineralization and nitrification pathways along a mixed forest chronosequence. <i>Forest Ecology and Management</i> , 2009, 258, 1284-1292.	1.4	32
35	Assembly rules within earthworm communities in North-Western France—A regional analysis. <i>Applied Soil Ecology</i> , 2008, 39, 321-335.	2.1	106
36	Dynamics of soil carbon in a beechwood chronosequence forest. <i>Forest Ecology and Management</i> , 2008, 255, 193-202.	1.4	30

#	ARTICLE	IF	CITATIONS
37	Beech leaf degradation in laboratory experiments: Effects of eight detritivorous invertebrate species. <i>Applied Soil Ecology</i> , 2007, 35, 291-301.	2.1	32
38	Impact of forest management on the diversity of corticolous bryophyte assemblages in temperate forests. <i>Biological Conservation</i> , 2007, 139, 47-66.	1.9	37
39	Soil detritivore macro-invertebrate assemblages throughout a managed beech rotation. <i>Annals of Forest Science</i> , 2007, 64, 219-228.	0.8	34
40	Soil invertebrates and ecosystem services. <i>European Journal of Soil Biology</i> , 2006, 42, S3-S15.	1.4	1,050
41	Variability and heterogeneity of humus forms at stand level: Comparison between pure beech and mixed beech-hornbeam forest. <i>Annals of Forest Science</i> , 2006, 63, 177-188.	0.8	31
42	Silviculture-driven vegetation change in a European temperate deciduous forest. <i>Annals of Forest Science</i> , 2005, 62, 313-323.	0.8	64
43	Sources of spatial and temporal variability of inorganic nitrogen in pure and mixed deciduous temperate forests. <i>Soil Biology and Biochemistry</i> , 2005, 37, 67-79.	4.2	20
44	Plant diversity in a managed temperate deciduous forest: understory response to two silvicultural systems. <i>Journal of Applied Ecology</i> , 2004, 41, 1065-1079.	1.9	239
45	Effect of tree mixture on the humic epipedon and vegetation diversity in managed beech forests (Normandy, France). <i>Canadian Journal of Forest Research</i> , 2004, 34, 233-248.	0.8	60
46	Diversity of plant assemblages in managed temperate forests: a case study in Normandy (France). <i>Forest Ecology and Management</i> , 2003, 175, 321-337.	1.4	46
47	Effects of tree canopy composition on earthworms and other macro-invertebrates in beech forests of Upper Normandy (France). <i>Pedobiologia</i> , 2003, 47, 904-912.	0.5	8
48	Effects of tree canopy composition on earthworms and other macro-invertebrates in beech forests of Upper Normandy (France) The 7th international symposium on earthworm ecology - Cardiff - Wales - 2002. <i>Pedobiologia</i> , 2003, 47, 904-912.	0.5	55
49	Biodiversity and Ecosystem Functions in Wetlands: A Case Study in the Estuary of the Seine River, France. <i>Estuaries and Coasts</i> , 2001, 24, 1088.	1.7	22
50	The Best of Both Worlds? Hybridization Potentiates Exotic Bohemian Knotweed (Reynoutria) Tj ETQq0 0 0 rgBT /Overlock 10 T		