Jean Thioulouse

List of Publications by Year
in descending order

105	7,447	94269 37	56606 83
papers	citations	h-index	g-index

109	109	109	10361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Small-Scale Variability in Bacterial Community Structure in Different Soil Types. Microbial Ecology, 2021, 82, 470-483.	1.4	5
2	Overcoming the Spurious Groups Problem in Between-Group PCA. Evolutionary Biology, 2021, 48, 458-471.	0.5	9
3	Water Quality Shapes Freshwater Macroinvertebrate Communities in Northern Tunisia. Environmental Science and Engineering, 2021, , 1915-1919.	0.1	0
4	Vaginal Tampon Colonization by Staphylococcus aureus in Healthy Women. Applied and Environmental Microbiology, 2020, 86, .	1.4	8
5	Surface water quality assessment in a semiarid Mediterranean region (Medjerda, Northern Tunisia) using partial triadic analysis. Environmental Science and Pollution Research, 2020, 27, 30190-30198.	2.7	3
6	Assessing potential surrogates of macroinvertebrate diversity in North-African Mediterranean aquatic ecosystems. Ecological Indicators, 2019, 101, 324-329.	2.6	22
7	Impact of Currently Marketed Tampons and Menstrual Cups on Staphylococcus aureus Growth and Toxic Shock Syndrome Toxin 1 Production In Vitro. Applied and Environmental Microbiology, 2018, 84, .	1.4	37
8	Relating Species Traits to Environment. , 2018, , 223-237.		1
9	Analysing Spatial Structures. , 2018, , 239-260.		1
10	Analysing Patterns of Biodiversity. , 2018, , 281-294.		0
11	Description of Species Structures. , 2018, , 97-117.		1
12	Taking into Account Groups of Sites. , 2018, , 119-140.		0
13	Description of Species-Environment Relationships. , 2018, , 141-166.		0
14	Analysing Changes in Structures. , 2018, , 167-204.		0
15	Analysing Phylogenetic Structures. , 2018, , 261-280.		0
16	Analysing Changes in Co-structures. , 2018, , 205-222.		0
17	Useful R Functions and Data Structures. , 2018, , 13-28.		0
18	The dudi Class. , 2018, , 29-51.		0

#	Article	IF	Citations
19	Multivariate Analysis Graphs. , 2018, , 53-76.		2
20	Description of Environmental Variables Structures. , 2018, , 77-96.		1
21	Multivariate Analysis of Ecological Data with ade4. , 2018, , .		206
22	Complex ecological interactions of Staphylococcus aureus in tampons during menstruation. Scientific Reports, 2018, 8, 9942.	1.6	17
23	Management of the mycorrhizal soil infectivity with Crotalaria ochroleuca , an indigenous wild legume in the tropics: Impacts on microbial functional diversity involved in phosphorus mobilization processes in a sahelian soil. Ecological Engineering, 2017, 101, 130-136.	1.6	8
24	The use of STATICO and COSTATIS, two exploratory three-ways analysis methods: an application to the ecology of aquatic heteroptera in the Medjerda watershed (Tunisia). Environmental and Ecological Statistics, 2017, 24, 269-295.	1.9	15
25	adegraphics: An S4 Lattice-Based Package for the Representation of Multivariate Data. R Journal, 2017, 9, 198.	0.7	41
26	Impacto de la simbiosis micorrÃtica arbuscular en el crecimiento temprano del cultivo de tara (Caesalpinia spinosa (Molina) Kuntze). Revista Forestal Del PerÃº, 2017, 32, 89.	0.2	1
27	Impact of Wheat/Faba Bean Mixed Cropping or Rotation Systems on Soil Microbial Functionalities. Frontiers in Plant Science, 2016, 7, 1364.	1.7	67
28	Annotated check-list of semi-aquatic bugs of Tunisia, with detailed Faunistic Survey of North Tunisia (Hemiptera: Heteroptera: Gerromorpha). Entomologica Americana, 2016, 122, 55-71.	0.2	4
29	Bacterial Community Structure at the Microscale in Two Different Soils. Microbial Ecology, 2016, 72, 717-724.	1.4	8
30	Occurrence of Stenotrophomonas maltophilia in agricultural soils and antibiotic resistance properties. Research in Microbiology, 2016, 167, 313-324.	1.0	29
31	Checklist, distribution, and a new record of Nepomorphan water bugs (Hemiptera: Heteroptera) in northern Tunisia. Zootaxa, 2015, 3981, 151-76.	0.2	9
32	Potentialities of ecological engineering strategy based on native arbuscular mycorrhizal community for improving afforestation programs with carob trees in degraded environments. Ecological Engineering, 2015, 79, 113-119.	1.6	48
33	Field Application of the Mycorrhizal Fungus <i>Rhizophagus irregularis</i> Increases the Yield of Wheat Crop and Affects Soil Microbial Functionalities. American Journal of Plant Sciences, 2015, 06, 3205-3215.	0.3	4
34	Similar Processes but Different Environmental Filters for Soil Bacterial and Fungal Community Composition Turnover on a Broad Spatial Scale. PLoS ONE, 2014, 9, e111667.	1.1	35
35	The exotic legume tree species, Acacia mearnsii, alters microbial soil functionalities and the early development of a native tree species, Quercus suber, in North Africa. Soil Biology and Biochemistry, 2013, 65, 172-179.	4.2	41
36	Ectomycorrhizal diversity enhances growth and nitrogen fixation of Acacia mangium seedlings. Soil Biology and Biochemistry, 2013, 57, 468-476.	4.2	36

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37	Turnover of soil bacterial diversity driven by wide-scale environmental heterogeneity. Nature Communications, 2013, 4, 1434.	5.8	199
38	L'introduction d'acacias australiens pour rÃ©habiliter des Ã©cosystÃ¨mes dÃ©gradÃ©s est-elle dÃ©pourvue de risques environnementaux ?. Bois Et Forets Des Tropiques, 2013, 318, 59.	0.2	3
39	Multivariate analyses in soil microbial ecology: a new paradigm. Environmental and Ecological Statistics, 2012, 19, 499-520.	1.9	21
40	The Impact of Mycorrhizosphere Bacterial Communities on Soil Biofunctioning in Tropical and Mediterranean Forest Ecosystems. , 2012, , 79-95.		3
41	Restoring native forest ecosystems after exotic tree plantation in Madagascar: combination of the local ectotrophic species Leptolena bojeriana and Uapaca bojeri mitigates the negative influence of the exotic species Eucalyptus camaldulensis and Pinus patula. Biological Invasions, 2012, 14, 2407-2421.	1.2	19
42	Community ecology in the age of multivariate multiscale spatial analysis. Ecological Monographs, 2012, 82, 257-275.	2.4	506
43	Response of native soil microbial functions to the controlled mycorrhization of an exotic tree legume, Acacia holosericea in a Sahelian ecosystem. Mycorrhiza, 2012, 22, 175-187.	1.3	13
44	Diversity, Geographic Distribution, and Habitat-Specific Variations of Microbiota in Natural Populations of the Chicken Mite, Dermanyssus gallinae. Journal of Medical Entomology, 2011, 48, 788-796.	0.9	16
45	Large trends in French topsoil characteristics are revealed by spatially constrained multivariate analysis. Geoderma, 2011, 161, 107-114.	2.3	29
46	Simultaneous analysis of a sequence of paired ecological tables: A comparison of several methods. Annals of Applied Statistics, 2011, 5, .	0.5	60
47	Biogeographical patterns of soil molecular microbial biomass as influenced by soil characteristics and management. Global Ecology and Biogeography, 2011, 20, 641-652.	2.7	209
48	Nurse shrubs increased the early growth of Cupressus seedlings by enhancing belowground mutualism and soil microbial activity. Soil Biology and Biochemistry, 2011, 43, 2160-2160.	4.2	44
49	Insertion Sequences as Highly Resolutive Genomic Markers for Sequence Type 1 Legionella pneumophila Paris. Journal of Clinical Microbiology, 2011, 49, 315-324.	1.8	6
50	Biogeography of soil microbial communities: a review and a description of the ongoing french national initiative. Agronomy for Sustainable Development, 2010, 30, 359-365.	2.2	65
51	Online Reproducible Research: An Application to Multivariate Analysis of Bacterial DNA Fingerprint Data. R Journal, 2010, 2, 44.	0.7	0
52	Multivariate analysis of the spatial patterns of 8 trace elements using the French soil monitoring network data. Science of the Total Environment, 2009, 407, 5644-5652.	3.9	84
53	Controlled ectomycorrhization of an exotic legume tree species Acacia holosericea affects the structure of root nodule bacteria community and their symbiotic effectiveness on Faidherbia albida, a native Sahelian Acacia. Soil Biology and Biochemistry, 2009, 41, 1245-1252.	4.2	20
54	Responses of Pinus halepensis growth, soil microbial catabolic functions and phosphate-solubilizing bacteria after rock phosphate amendment and ectomycorrhizal inoculation. Plant and Soil, 2009, 320, 169-179.	1.8	29

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55	Rhizosphere microbiota interfers with plant-plant interactions. Plant and Soil, 2009, 321, 259-278.	1.8	58
56	A phylogenomic analysis of bacterial helixâ€“turnâ€“helix transcription factors. FEMS Microbiology Reviews, 2009, 33, 411-429.	3.9	35
57	Bacterial taxa associated with the hematophagous mite Dermanyssus gallinae detected by 16S rRNA PCR amplification and TTGE fingerprinting. Research in Microbiology, 2009, 160, 63-70.	1.0	48
58	Monitoring the Development of Nurse Plant Species to Improve the Performances of Reforestation Programs in Mediterranean Areas. , 2009, , 255-265.		2
59	Biogeographical patterns of soil bacterial communities. Environmental Microbiology Reports, 2009, 1, 251-255.	1.0	70
60	The Exotic Legume Tree Species Acacia holosericea Alters Microbial Soil Functionalities and the Structure of the Arbuscular Mycorrhizal Community. Applied and Environmental Microbiology, 2008, 74, 1485-1493.	1.4	32
61	Biological control of Striga hermonthica by Cubitermes termite mound powder amendment in sorghum culture. Applied Soil Ecology, 2007, 37, 175-183.	2.1	14
62	Soil functional diversity and P solubilization from rock phosphate after inoculation with native or allochtonous arbuscular mycorrhizal fungi. Forest Ecology and Management, 2007, 241, 200-208.	1.4	42
63	Detection of recombinant human erythropoietin in urine for doping analysis: Interpretation of isoelectric profiles by discriminant analysis. Electrophoresis, 2007, 28, 1875-1881.	1.3	25
64	Improvement of Cupressus atlantica Gaussen growth by inoculation with native arbuscular mycorrhizal fungi. Journal of Applied Microbiology, 2007, 103, 683-690.	1.4	43
65	Arbuscular mycorrhizal symbiosis can counterbalance the negative influence of the exotic tree species Eucalyptus camaldulensis on the structure and functioning of soil microbial communities in a sahelian soil. FEMS Microbiology Ecology, 2007, 62, 32-44.	1.3	38
66	Arbuscular mycorrhizas and ectomycorrhizas of Uapaca bojeri L. (Euphorbiaceae): sporophore diversity, patterns of root colonization, and effects on seedling growth and soil microbial catabolic diversity. Mycorrhiza, 2007, 17, 195-208.	1.3	29
67	Interactive Multivariate Data Analysis inRwith theade4andade4TkGUIPackages. Journal of Statistical Software, 2007, 22, .	1.8	151
68	Identification of Genomic Species in Agrobacterium Biovar 1 by AFLP Genomic Markers. Applied and Environmental Microbiology, 2006, 72, 7123-7131.	1.4	66
69	Lavandula species as accompanying plants in Cupressus replanting strategies: Effect on plant growth, mycorrhizal soil infectivity and soil microbial catabolic diversity. Applied Soil Ecology, 2006, 34, 190-199.	2.1	27
70	Development of cellular immune responses to Plasmodium falciparum blood stage antigens from birth to 36 months of age in Cameroon. Acta Tropica, 2006, 98, 261-269.	0.9	14
71	Biological effects ofÂnative andÂexotic plant residues onÂplant growth, microbial biomass andÂN availability under controlled conditions. European Journal of Soil Biology, 2006, 42, 238-246.	1.4	14
72	Litter-forager termite mounds enhance the ectomycorrhizal symbiosis between Acacia holosericea A. Cunn. Ex G. Don and Scleroderma dictyosporum isolates. FEMS Microbiology Ecology, 2006, 56, 292-303.	1.3	11

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73	Some Mediterranean plant species (Lavandula spp. and Thymus satureioides) act as potential â€˜plant nursesâ€™ for the early growth of Cupressus atlantica. Plant Ecology, 2006, 185, 123-134.	0.7	31
74	Displacement of an herbaceous plant species community by mycorrhizal and non-mycorrhizal Gmelina arborea, an exotic tree, grown in a microcosm experiment. Mycorrhiza, 2006, 16, 125-132.	1.3	20
75	Fluorescent pseudomonads occuring in Macrotermes subhyalinus mound structures decrease Cd toxicity and improve its accumulation in sorghum plants. Science of the Total Environment, 2006, 370, 391-400.	3.9	52
76	Potential of a 16S rRNA-Based Taxonomic Microarray for Analyzing the Rhizosphere Effects of Maize on Agrobacterium spp. and Bacterial Communities. Applied and Environmental Microbiology, 2006, 72, 4302-4312.	1.4	111
77	Relationships between plant-parasitic nematode community, fallow duration and soil factors in the Sudano-Sahelian area of Senegal. Agriculture, Ecosystems and Environment, 2005, 108, 302-317.	2.5	13
78	The mycorrhizal fungus Glomus intraradices and rock phosphate amendment influence plant growth and microbial activity in the rhizosphere of Acacia holosericea. Soil Biology and Biochemistry, 2005, 37, 1460-1468.	4.2	124
79	Soil Bacterial Diversity Responses to Root Colonization by an Ectomycorrhizal Fungus are not Root-Growth-Dependent. Microbial Ecology, 2005, 50, 350-359.	1.4	29
80	MADE4: an R package for multivariate analysis of gene expression data. Bioinformatics, 2005, 21, 2789-2790.	1.8	364
81	Online synonymous codon usage analyses with the ade4 and seqinR packages. Bioinformatics, 2005, 21, 545-547.	1.8	104
82	Functional diversity of soil microbial community, rock phosphate dissolution and growth of Acacia seyal as influenced by grass-, litter- and soil-feeding termite nest structure amendments. Geoderma, 2005, 124, 349-361.	2.3	31
83	SIMULTANEOUS ANALYSIS OF A SEQUENCE OF PAIRED ECOLOGICAL TABLES. Ecology, 2004, 85, 272-283.	1.5	85
84	Une nouvelle analyse multi-temporelle d'images satellitales, les rÃ©sidus de l'Analyse en Composantes Principales. Un cas d'Ã©tude: une sÃ©rie d'images Landsat Thematic Mapper de la Camargue, France. International Journal of Remote Sensing, 2004, 25, 1925-1938.	1.3	2
85	Use of correspondence discriminant analysis to predict the subcellular location of bacterial proteins. Computer Methods and Programs in Biomedicine, 2003, 70, 99-105.	2.6	45
86	Comparing and classifying one-dimensional spatial patterns: an application to laser altimeter profiles. Remote Sensing of Environment, 2003, 85, 453-462.	4.6	9
87	CO-INERTIA ANALYSIS AND THE LINKING OF ECOLOGICAL DATA TABLES. Ecology, 2003, 84, 3078-3089.	1.5	507
88	Relationship between Spatial and Genetic Distance in Agrobacterium spp. in 1 Cubic Centimeter of Soil. Applied and Environmental Microbiology, 2003, 69, 1482-1487.	1.4	60
89	Integrated databanks access and sequence/structure analysis services at the PBIL. Nucleic Acids Research, 2003, 31, 3393-3399.	6.5	28
90	Relationship of nematode communities to human demographics and environment in agricultural fields and fallow lands in Senegal. Journal of Tropical Ecology, 2003, 19, 279-290.	0.5	7

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91	Procrustean co-inertia analysis for the linking of multivariate datasets. Ecoscience, 2003, 10, 110-119.	0.6	41
92	Use and misuse of correspondence analysis in codon usage studies. Nucleic Acids Research, 2002, 30, 4548-4555.	6.5	136
93	A mathematical method for determining genome divergence and species delineation using AFLP.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 573-586.	0.8	129
94	Relationships between Staphylococcus aureus Genetic Background, Virulence Factors, agr Groups (Alleles), and Human Disease. Infection and Immunity, 2002, 70, 631-641.	1.0	1,003
95	The diet of feral cats (Felis catus L.) at five sites on the Grande Terre, Kerguelen archipelago. Polar Biology, 2002, 25, 833-837.	0.5	50
96	Interactions between ectomycorrhizal symbiosis and fluorescent pseudomonads on Acacia holosericea: isolation of mycorrhiza helper bacteria (MHB) from a Soudano-Sahelian soil. FEMS Microbiology Ecology, 2002, 41, 37-46.	1.3	41
97	Experimental and theoretical evaluation of typing methods based upon random amplification of genomic restriction fragments (AFLP) for bacterial population genetics. Genetics Selection Evolution, 2001, 33, S319.	1.2	7
98	A soil microscale study to reveal the heterogeneity of Hg(II) impact on indigenous bacteria by quantification of adapted phenotypes and analysis of community DNA fingerprints. FEMS Microbiology Ecology, 2000, 31, 107-115.	1.3	102
99	Diversity of the bacterial hyperparasite Pasteuria penetrans in relation to root-knot nematodes (Meloidogyne spp.) control on Acacia holosericea. Nematology, 2000, 2, 435-442.	0.2	8
100	Relationships between abiotic and biotic soil properties during fallow periods in the sudanian zone of Senegal. Applied Soil Ecology, 2000, 14, 89-101.	2.1	43
101	Identification of soil factors that relate to plant parasitic nematode communities on tomato and yam in the French West Indies. Applied Soil Ecology, 1998, 8, 35-49.	2.1	25
102	ADE-4: a multivariate analysis and graphical display software. Statistics and Computing, 1997, 7, 75-83.	0.8	1,339
103	NetMul, a World-Wide Web user interface for multivariate analysis software. Computational Statistics and Data Analysis, 1996, 21, 369-372.	0.7	14
104	Multivariate analysis of spatial patterns: a unified approach to local and global structures. Environmental and Ecological Statistics, 1995, 2, 1-14.	1.9	121
105	A Method for Reciprocal Scaling of Species Tolerance and Sample Diversity. Ecology, 1992, 73, 670-680.	1.5	48