

Ioan Tantau

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,564
citations

218677

26
h-index

189892

50
g-index

64
all docs

64
docs citations

64
times ranked

3086
citing authors

#	ARTICLE	IF	CITATIONS
1	A new scenario for the Quaternary history of European beech populations: palaeobotanical evidence and genetic consequences. <i>New Phytologist</i> , 2006, 171, 199-221.	7.3	757
2	Late Glacial and Holocene vegetation history in the southern part of Transylvania (Romania): pollen analysis of two sequences from Avrig. <i>Journal of Quaternary Science</i> , 2006, 21, 49-61.	2.1	221
3	Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8 Åka. <i>Quaternary Science Reviews</i> , 2014, 106, 206-224.	3.0	188
4	The influence of refugial population on Lateglacial and early Holocene vegetational changes in Romania. <i>Review of Palaeobotany and Palynology</i> , 2007, 145, 305-320.	1.5	88
5	Last Millennium hydro-climate variability in Centralâ€“Eastern Europe (Northern Carpathians, Romania). <i>Holocene</i> , 2015, 25, 1179-1192.	1.7	65
6	Vegetation history in the Eastern Romanian Carpathians: pollen analysis of two sequences from the Moho? crater. <i>Vegetation History and Archaeobotany</i> , 2003, 12, 113-125.	2.1	64
7	Fire has been an important driver of forest dynamics in the Carpathian Mountains during the Holocene. <i>Forest Ecology and Management</i> , 2017, 389, 15-26.	3.2	64
8	Holocene variability in the range distribution and abundance of <i>Pinus</i> , <i>Picea abies</i> , and <i>Quercus</i> in Romania; implications for their current status. <i>Quaternary Science Reviews</i> , 2011, 30, 3060-3075.	3.0	58
9	Holocene vegetation history in the upper forest belt of the Eastern Romanian Carpathians. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 309, 281-290.	2.3	55
10	Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. <i>Biogeosciences</i> , 2020, 17, 1213-1230.	3.3	52
11	Elevational variation in regional vegetation responses to lateâ€“glacial climate changes in the Carpathians. <i>Journal of Biogeography</i> , 2012, 39, 258-271.	3.0	51
12	Recent fire regime in the southern boreal forests of western Siberia is unprecedented in the last five millennia. <i>Quaternary Science Reviews</i> , 2020, 244, 106495.	3.0	46
13	Biodiversity variability across elevations in the Carpathians: Parallel change with landscape openness and land use. <i>Holocene</i> , 2013, 23, 869-881.	1.7	45
14	Vegetation sensitivity to climate changes and human impact in the Harghita Mountains (Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.1	44
15	Tree and timberline shifts in the northern Romanian Carpathians during the Holocene and the responses to environmental changes. <i>Quaternary Science Reviews</i> , 2016, 134, 100-113.	3.0	43
16	European pollen-based REVEALS land-cover reconstructions for the Holocene: methodology, mapping and potentials. <i>Earth System Science Data</i> , 2022, 14, 1581-1619.	9.9	42
17	Holocene vegetation history in Romanian Subcarpathians. <i>Quaternary Research</i> , 2009, 72, 164-173.	1.7	41
18	A 9000 year record of cyclic vegetation changes identified in a montane peatland deposit located in the Eastern Carpathians (Central-Eastern Europe): Autogenic succession or regional climatic influences?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 52-61.	2.3	41

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19	Post-glacial patterns in vegetation dynamics in Romania: homogenization or differentiation?. <i>Journal of Biogeography</i> , 2010, 37, 2197-2208.	3.0	36
20	Carbon isotope composition as indicator for climatic changes during the middle and late Holocene in a peat bog from MaramureÅ Mountains (Romania). <i>Holocene</i> , 2014, 24, 15-23.	1.7	34
21	A Late Holocene environmental history of a bat guano deposit from Romania: an isotopic, pollen and microcharcoal study. <i>Quaternary Science Reviews</i> , 2015, 127, 141-154.	3.0	34
22	The Eurasian Modern Pollen Database (EMPD), version 2. <i>Earth System Science Data</i> , 2020, 12, 2423-2445.	9.9	34
23	Holocene vegetation history in the MaramureÅ Mountains (Northern Romanian Carpathians). <i>Quaternary International</i> , 2013, 293, 92-104.	1.5	33
24	How warm? How wet? Hydroclimate reconstruction of the past 7500 years in northern Carpathians, Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 482, 1-12.	2.3	33
25	High mountain region of the Northern Romanian Carpathians responded sensitively to Holocene climate and land use changes: A multi-proxy analysis. <i>Holocene</i> , 2014, 24, 944-956.	1.7	29
26	Pollen-derived biomes in the Eastern Mediterraneanâ€“Black Seaâ€“Caspianâ€“Corridor. <i>Journal of Biogeography</i> , 2018, 45, 484-499.	3.0	28
27	Palaeoenvironmental information from the palynology of an 800year old bat guano deposit from MÅf gurici Cave, NW Transylvania (Romania). <i>Review of Palaeobotany and Palynology</i> , 2012, 174, 57-66.	1.5	27
28	Hydrological conditions and carbon accumulation rates reconstructed from a mountain raised bog in the Carpathians: A multi-proxy approach. <i>Catena</i> , 2017, 152, 57-68.	5.0	27
29	Response of a spring-fed fen ecosystem in Central Eastern Europe (NW Romania) to climate changes during the last 4000 years: A high resolution multi-proxy reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 504, 170-185.	2.3	27
30	2000 years of variability in hydroclimate and carbon accumulation in western Siberia and the relationship with large-scale atmospheric circulation: A multi-proxy peat record. <i>Quaternary Science Reviews</i> , 2019, 226, 105948.	3.0	25
31	Lateglacial/Holocene transition to mid-Holocene: Vegetation responses to climate changes in the Apuseni Mountains (NW Romania). <i>Quaternary International</i> , 2015, 388, 76-86.	1.5	23
32	The transformation of the forest steppe in the lower Danube Plain of southeastern Europe: 6000 years of vegetation and land use dynamics. <i>Biogeosciences</i> , 2021, 18, 1081-1103.	3.3	19
33	Pollen, $\delta^{15}N$ and $\delta^{13}C$ guano-derived record of late Holocene vegetation and climate in the southern Carpathians, Romania. <i>Review of Palaeobotany and Palynology</i> , 2019, 265, 62-75.	1.5	17
34	Plant succession in a peatland in the Eastern Carpathian Mts. (CE Europe) during the last 10,200 years: Implications for peatland development and palaeoclimatic research. <i>Review of Palaeobotany and Palynology</i> , 2017, 244, 203-216.	1.5	16
35	A guano-derived $\delta^{13}C$ and $\delta^{15}N$ record of climate since the Medieval Warm Period in north-west Romania. <i>Journal of Quaternary Science</i> , 2018, 33, 677-688.	2.1	15
36	Linking vegetation dynamics and stability in the old-growth forests of Central Eastern Europe: Implications for forest conservation and management. <i>Biological Conservation</i> , 2019, 229, 160-169.	4.1	15

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37	Middle to Late Holocene vegetation shifts in the NW Transylvanian lowlands (Romania). <i>Studia Universitatis Babeş-Bolyai, Geologia</i> , 2014, 59, 29-37.	1.0	15
38	Episodic build-up of alluvial fan deposits during the Weichselian Pleniglacial in the western Transylvanian Basin, Romania and their paleoenvironmental significance. <i>Quaternary International</i> , 2009, 198, 98-112.	1.5	14
39	16. Poiana Ruscăf Mountains (Romania): Peştea peat bog. <i>Grana</i> , 2012, 51, 249-251.	0.8	12
40	Relative pollen productivity estimates in the forest steppe landscape of southeastern Romania. <i>Review of Palaeobotany and Palynology</i> , 2019, 264, 54-63.	1.5	12
41	A multi-proxy analysis of hydroclimate trends in an ombrotrophic bog over the last millennium in the Eastern Carpathians of Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109390.	2.3	10
42	The role of climate-fuel feedbacks on Holocene biomass burning in upper-montane Carpathian forests. <i>Global and Planetary Change</i> , 2020, 193, 103264.	3.5	10
43	Holocene wildfire regimes in western Siberia: interaction between peatland moisture conditions and the composition of plant functional types. <i>Climate of the Past</i> , 2022, 18, 1255-1274.	3.4	10
44	Disentangling dust and sand deposition using a peat record in CE Europe (northern Romania): A multiproxy approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 532, 109257.	2.3	9
45	The Evolution of Vegetation from the Last Glacial Maximum Until the Present. <i>Springer Geography</i> , 2017, , 67-83.	0.4	7
46	Late Holocene palaeohydrological changes in a Sphagnum peat bog from NW Romania based on testate amoebae. <i>Studia Universitatis Babeş-Bolyai, Geologia</i> , 2016, 60, 21-28.	1.0	7
47	Multiproxy paleoenvironmental reconstruction of Early Pleistocene sites from the Olteţ River Valley of Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 574, 110445.	2.3	5
48	The Holocene dynamics of moss communities in subalpine wetland ecosystems in the Eastern Carpathian Mountains, Central Europe. <i>Bryologist</i> , 2020, 123, 84.	0.6	5
49	37. Doda Pili, Apuseni Mountains (Romania). <i>Grana</i> , 2017, 56, 478-480.	0.8	2
50	Early to mid-Holocene hydroclimate trends in the western Carpathians of Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 543, 109608.	2.3	1
51	47. Mlaca Tătarilor peat bog, Southern Transylvania (Romania). <i>Grana</i> , 2020, 59, 476-478.	0.8	0
52	CONSIDERATIONS ON THE AGE OF THE "GLIMEE" IN TRANSYLVANIA. <i>Contributii Botanice</i> , 2021, 55, 109-118.	0.4	0
53	The history of Dacia's forests in the Orăştie Mts. region.. <i>Contributii Botanice</i> , 2019, 53, 67-78.	0.4	0