JÃ¼ri Plado

List of Publications by Year in descending order

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34	491	759233 12	713466 21
papers	citations	h-index	g-index

35	35	35	453
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Paleoproterozoic mafic dyke swarms from the Dharwar craton; paleomagnetic poles for India from 2.37 to 1.88Ga and rethinking the Columbia supercontinent. Precambrian Research, 2014, 244, 100-122.	2.7	98
2	The Bosumtwi meteorite impact structure, Ghana: A magnetic model. Meteoritics and Planetary Science, 2000, 35, 723-732.	1.6	48
3	Ground-penetrating radar study of the Rahivere peat bog, eastern Estonia. Estonian Journal of Earth Sciences, 2011, 60, 31.	1.1	31
4	Cooling of the KÃrdla impact crater: II. Impact and geothermal modeling. Meteoritics and Planetary Science, 2005, 40, 21-33.	1.6	30
5	Geophysical research on the KÃrdla impact structure, Hiiumaa Island, Estonia. Meteoritics and Planetary Science, 1996, 31, 289-298.	1.6	27
6	The Impact Cratering Record of Fennoscandia â€" A Close Look at the Database. Impact Studies, 2002, , 1-58.	0.5	25
7	Secondary magnetizations in shear and fault zones in southern Finland. Tectonophysics, 2009, 479, 203-213.	2.2	22
8	Impact structures and events â€“ a Nordic perspective. Episodes, 2008, 31, 107-114.	1.2	20
9	Cooling of the KÃrdla impact crater: I. The mineral paragenetic sequence observation. Meteoritics and Planetary Science, 2005, 40, 3-19.	1.6	18
10	Dating a small impact crater: An age of Kaali crater (Estonia) based on charcoal emplaced within proximal ejecta. Meteoritics and Planetary Science, 2016, 51, 681-695.	1.6	18
11	Reconstructing Holocene shore displacement and Stone Age palaeogeography from a foredune sequence on Ruhnu Island, Gulf of Riga, Baltic Sea. Geomorphology, 2018, 303, 434-445.	2.6	13
12	Settings of Meteorite Impact Structures in the Svecofennian Crustal Domain. , 2005, , 211-245.		12
13	Multiply remagnetized Silurian carbonate sequence in Estonia. Estonian Journal of Earth Sciences, 2008, 57, 170.	1.1	12
14	Potential fields and subsurface models of Suvasvesi North impact structure, Finland. Physics and Chemistry of the Earth, 2002, 27, 1237-1245.	2.9	11
15	Meteorite impact craters and possibly impactâ€related structures in Estonia. Meteoritics and Planetary Science, 2012, 47, 1590-1605.	1.6	11
16	Effect of erosion on gravity and magnetic signatures of complex impact structures: Geophysical modeling and applications. , 1999, , .		11
17	Development of the Holocene foredune plain in the Narva-Joesuu area, eastern Gulf of Finland.. Geological Quarterly, 2012, 56, 89-100.	0.2	10
18	Magnetic history of Early and Middle Ordovician sedimentary sequence, northern Estonia. Geophysical Journal International, 2010, 180, 147-157.	2.4	9

#	Article	IF	Citations
19	Determining the age and possibility for an extraterrestrial impact formation mechanism of the Ilumetsa structures (Estonia). Meteoritics and Planetary Science, 2020, 55, 274-293.	1.6	9
20	Impact-induced replacement of plagioclase by K-feldspar in granitoids and amphibolites at the KÃrdla Crater, Estonia. , 2000, , 417-445.		8
21	Determination of electromagnetic wave velocity in horizontally layered sedimentary target: A ground-penetrating radar study from Silurian limestones, Estonia. Acta Geophysica, 2012, 60, 357-370.	2.0	6
22	Ground-penetrating radar and electrical resistivity tomography for mapping bedrock topography and fracture zones: a case study in Viru-Nigula, NE Estonia; pp. 142â€“151. Estonian Journal of Earth Sciences, 2017, 66, 142.	1.1	6
23	New Evidence for Impact from the Suvasvesi South Structure, Central East Finland. , 2006, , 287-307.		5
24	Groundâ€penetrating Radar and Geological Study of the KudrukÃ¼la Stone Age Archaeological Site, Northeast Estonia. Archaeological Prospection, 2014, 21, 225-234.	2.2	5
25	Geology and Magnetic Signatures of the Neugrund Impact Structure, Estonia. Impact Studies, 2002, , 277-294.	0.5	5
26	Summanen, a new meteorite impact structure in Central Finland. Meteoritics and Planetary Science, 2018, 53, 2413-2426.	1.6	4
27	Bulk synthesis of stoichiometric/meteoritic troilite (FeS) by highâ€temperature pyrite decomposition and pyrrhotite melting. Meteoritics and Planetary Science, 2022, 57, 588-602.	1.6	4
28	Palaeomagnetism of Middle Ordovician Carbonate Sequence, Vaivara SinimÃed Area, Northeast Estonia, Baltica. Acta Geophysica, 2016, 64, 1391-1411.	2.0	3
29	Magnetic Anomaly and Model of the Lonar Meteorite Impact Crater in Maharashtra, India. Geosciences (Switzerland), 2020, 10, 417.	2.2	3
30	Architecture of the northeastern rim of the KÃrdla impact crater, Estonia, based on ground-penetrating radar studies. , 2010, , .		2
31	Magnetic susceptibility of Middle Ordovician sedimentary rocks, Pakri Peninsula, NW Estonia. Estonian Journal of Earth Sciences, 2016, 65, 125.	1.1	2
32	The Luusika potential field anomaly, eastern Estonia: modelling results. Estonian Journal of Earth Sciences, 2018, 67, 228.	1.1	2
33	A ground-penetrating radar study of the Vaidasoo bog (Estonia): no crater structure exists. Geological Quarterly, 2013, 57, .	0.2	1
34	Groundâ€penetrating radar investigations of the Asaviec 2 archaeological site, Northern Belarus. Geoarchaeology - an International Journal, 0, , .	1.5	0