

JiÅÃ- Faimon

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

432
citations

759233

12
h-index

713466

21
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26
all docs

26
docs citations

26
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthropogenic CO ₂ -flux into cave atmosphere and its environmental impact: A case study in the Čáská Cave (Moravian Karst, Czech Republic). <i>Science of the Total Environment</i> , 2006, 369, 231-245.	8.0	57
2	Air circulation and its impact on microclimatic variables in the Čáská Cave (Moravian Karst, Czech) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	3.5	33
3	Environmentally acceptable effect of hydrogen peroxide on cave "lamp-flora", calcite speleothems and limestones. <i>Environmental Pollution</i> , 2003, 122, 417-422.	7.5	50
4	Relationship between carbon dioxide in Balcarka Cave and adjacent soils in the Moravian Karst region of the Czech Republic. <i>International Journal of Speleology</i> , 2012, 41, 1-8.	1.0	49
5	Partial pressures of CO ₂ in epikarstic zone deduced from hydrogeochemistry of permanent drips, the Moravian Karst, Czech Republic. <i>Acta Carsologica</i> , 2012, 41, .	0.7	25
6	The relationship between carbon dioxide concentration and visitor numbers in the homothermic zone of the Balcarka Cave (Moravian Karst) during a period of limited ventilation. <i>International Journal of Speleology</i> , 2015, 44, 167-176.	1.0	22
7	Variances in airflows during different ventilation modes in a dynamic U-shaped cave. <i>International Journal of Speleology</i> , 2013, 42, 115-122.	1.0	22
8	Carbon dioxide seasonality in dynamically ventilated caves: the role of advective fluxes. <i>Theoretical and Applied Climatology</i> , 2017, 129, 1355-1372.	2.8	21
9	Arsenic speciation in aerosols of a respiratory therapeutic cave: A first approach to study arsenicals in ultrafine particles. <i>Science of the Total Environment</i> , 2019, 651, 1839-1848.	8.0	15
10	Spatial and temporal variations in carbon dioxide (CO ₂) concentrations in selected soils of the Moravian Karst (Czech Republic). <i>Carbonates and Evaporites</i> , 2014, 29, 395-408.	1.0	14
11	Carbon dioxide in the soils and adjacent caves of the Moravian Karst. <i>Acta Carsologica</i> , 2012, 39, .	0.7	14
12	Variations of carbon dioxide in the air and dripwaters of Punkva Caves (Moravian Karst, Czech) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	1.0	12
13	A show cave management: Anthropogenic CO ₂ in atmosphere of Václavské Cave (Moravian Karst, Czech) <i>Tj ETQq1 1 0.784314 rgBT</i>	1.8	11
14	What actually controls the minute to hour changes in soil carbon dioxide concentrations?. <i>Geoderma</i> , 2018, 323, 52-64.	5.1	10
15	Anomalous drip in the Punkva caves (Moravian Karst): relevant implications for paleoclimatic proxies. <i>Hydrological Processes</i> , 2016, 30, 1506-1520.	2.6	9
16	Evolution of Mg/Ca and Sr/Ca ratios during the experimental dissolution of limestone. <i>Chemical Geology</i> , 2019, 523, 107-120.	3.3	9
17	Total Dynamics of Quartz "Water System at Ambient Conditions. <i>Aquatic Geochemistry</i> , 2005, 11, 139-172.	1.3	7
18	Transfer of climatic variables by dripwater: a case study from Kateřinská Cave (Moravian Karst). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	7

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19	Evolution of Mg/Ca Ratios During Limestone Dissolution Under Epikarstic Conditions. Aquatic Geochemistry, 2017, 23, 119-139.	1.3	7
20	The "breathing spots" in karst areas—the sites of advective exchange of gases between soils and adjacent underground cavities. Theoretical and Applied Climatology, 2020, 142, 85-101.	2.8	6
21	Formation of Colloidal Silica and Alumina During Experimental Granodiorite Weathering. Aquatic Geochemistry, 2003, 9, 305-341.	1.3	5
22	Changes in the elemental composition of particulate matter in a speleotherapeutic cave. Atmospheric Pollution Research, 2020, 11, 1142-1154.	3.8	3
23	Cave microclimatology: diurnal variations in aerosol particle concentrations. Theoretical and Applied Climatology, 2019, 137, 2841-2852.	2.8	2
24	Interaction of Freshly Precipitated Silica Gel with Aqueous Silicic Acid Solutions under Ambient and Near Neutral pH-conditions: A Detailed Analysis of Linear Rate Law. Aquatic Geochemistry, 2008, 14, 1-40.	1.3	1
25	Calcite raft formation in abandoned technical adit (Moravian Karst). Applied Geochemistry, 2022, , 105282.	3.0	1
26	Effect of water excess on soil carbon dioxide, seepage water chemistry, and calcite speleothem growth: An experimental and modelling approach. Hydrological Processes, 2020, 34, 4334-4349.	2.6	0