

Leonardo Piccini

List of Publications by Year in descending order

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32
papers

844
citations

516710

16
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Holocene drought responsible for the collapse of Old World civilizations is recorded in an Italian cave flowstone. <i>Geology</i> , 2006, 34, 101.	4.4	280
2	Solution weathering rate and origin of karst landforms and caves in the quartzite of Auyan-tepui (Gran Sabana, Venezuela). <i>Geomorphology</i> , 2009, 106, 15-25.	2.6	70
3	Stratigraphic evidence for a "pluvial phase" between ca 8200-7100ka from Renella cave (Central Italy). <i>Quaternary Science Reviews</i> , 2011, 30, 409-417.	3.0	48
4	Speleogenesis in highly geodynamic contexts: The quaternary evolution of Monte Corchia multi-level karst system (Alpi Apuane, Italy). <i>Geomorphology</i> , 2011, 134, 49-61.	2.6	38
5	Evaporite karst in Italy: a review. <i>International Journal of Speleology</i> , 2017, 46, 137-168.	1.0	38
6	Geochemistry of surface and subsurface waters in quartz-sandstones: significance for the geomorphic evolution of tepui table mountains (Gran Sabana, Venezuela). <i>Journal of Hydrology</i> , 2014, 511, 117-138.	5.4	37
7	Suspended sediments in karst spring waters near Massa (Tuscany), Italy. <i>Environmental Geology</i> , 2001, 40, 1037-1050.	1.2	35
8	Microbial diversity and biosignatures of amorphous silica deposits in orthoquartzite caves. <i>Scientific Reports</i> , 2018, 8, 17569.	3.3	30
9	Sulphuric acid speleogenesis and landscape evolution: Montecchio cave, Albegna river valley (Southern Tuscany, Italy). <i>Geomorphology</i> , 2015, 229, 134-143.	2.6	28
10	Karst morphology and cave sediments as indicators of the uplift history in the Alpi Apuane (Tuscany), Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.5	22
11	A hybrid model to evaluate subsurface chemical weathering and fracture karstification in quartz sandstone. <i>Journal of Hydrology</i> , 2019, 572, 745-760.	5.4	20
12	Partitioning of Mg, Sr, Ba and U into a subaqueous calcite speleothem. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 264, 67-91.	3.9	18
13	Hypogean microclimatology and hydrology of the 800-900 m asl level in the Monte Corchia cave (Tuscany, Italy): preliminary considerations and implications for paleoclimatological studies. <i>Acta Carsologica</i> , 2012, 40, .	0.7	18
14	Marble Slurry's Impact on Groundwater: The Case Study of the Apuan Alps Karst Aquifers. <i>Water (Switzerland)</i> , 2019, 11, 2462.	2.7	17
15	Recent developments on morphometric analysis of karst caves. <i>Acta Carsologica</i> , 2012, 40, .	0.7	17
16	The influence of light attenuation on the biogeomorphology of a marine karst cave: A case study of Puerto Princesa Underground River, Palawan, the Philippines. <i>Geomorphology</i> , 2015, 229, 125-133.	2.6	16
17	Magnesium in subaqueous speleothems as a potential palaeotemperature proxy. <i>Nature Communications</i> , 2020, 11, 5027.	12.8	16
18	Karst in siliceous rocks - karst landforms and caves in the Auyán-Tepui Massif (Est. Bolivar, Venezuela). <i>International Journal of Speleology</i> , 1995, 24, 41-54.	1.0	16

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19	Genesis of giant sinkholes and caves in the quartz sandstone of Sarisariama tepui, Venezuela. <i>Geomorphology</i> , 2019, 342, 223-238.	2.6	14
20	Comment on "Sandstone caves on Venezuelan tepuis: Return to pseudokarst?" by R. Aubrecht, T. Lnczos, M. Gregor, J. Schlgl, B. Smda, P. Lisck, Ch. Brewer-Caras, L. Vlcek, <i>Geomorphology</i> 132 (2011), 351-365. <i>Geomorphology</i> , 2013, 197, 190-196.	2.6	13
21	Tectonic uplift, sea level changes and Plio-Pleistocene evolution of a coastal karst system: the Mount Saint Paul (Palawan, Philippines). <i>Earth Surface Processes and Landforms</i> , 2011, 36, 594-609.	2.5	12
22	The polygenetic caves of Cuatro Cinegas (Coahuila, Mexico): morphology and speleogenesis. <i>International Journal of Speleology</i> , 2007, 36, 83-92.	1.0	12
23	Hydrodynamic and Geochemical Features of Metamorphic Carbonate Aquifers and Implications for Water Management: The Apuan Alps (NW Tuscany, Italy) Case Study. <i>Handbook of Environmental Chemistry</i> , 2019, , 209-249.	0.4	6
24	The Puerto Princesa Underground River (Palawan, Philippines): some peculiar features of a tropical, high-energy coastal karst system. <i>Geological Society Special Publication</i> , 2018, 466, 155-170.	1.3	4
25	New Chronological Constraints from Hypogean Deposits for Late Pliocene to Recent Morphotectonic History of the Alpi Apuane (NW Tuscany, Italy). <i>Geosciences (Switzerland)</i> , 2021, 11, 65.	2.2	4
26	Mixed Recharge and Epikarst Role in a Complex Metamorphic Karst Aquifer: The Pollaccia System, Apuan Alps (Tuscany, Italy). <i>Hydrology</i> , 2022, 9, 83.	3.0	4
27	The Vie Cave Geomorphological Site in Southern Tuscany (Italy): Problems of Decay and Conservation. <i>Sustainability</i> , 2015, 7, 7530-7547.	3.2	3
28	Innovative Approaches for the Sedimentological Characterization of Fine Natural and Anthropogenic Sediments in Karst Systems: The Case of the Apuan Alps (Central Italy). <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	3
29	Hydrogeological and geochemical overview of the karst aquifers in the Apuan Alps (Northwestern) Tj ETQq1 1 0.784314 rgBT₁/Overlook	0.3	1
30	Palynological evidence of Middle Pleistocene palaeoenvironmental changes from the "Buca dell'Onice" flowstone (Alpi Apuane, Central Italy). <i>Depositional Record</i> , 2022, 8, 340-354.	1.7	1
31	Composition and Structure of Phosphate-Rich Parietal Crusts and Nodules in Monte Corchia Cave, Alpi Apuane (Central Italy). <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	1
32	Surface and subsurface drainage evolution of the Corfino and Soraggio karst areas (Tuscany, Italy). <i>Acta Carsologica</i> , 2012, 40, .	0.7	1