

Luigi Lombardo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9263674/publications.pdf>

Version: 2024-02-01

66
papers

3,072
citations

196777

29
h-index

190340

53
g-index

90
all docs

90
docs citations

90
times ranked

2356
citing authors

#	ARTICLE	IF	CITATIONS
1	From scenario-based seismic hazard to scenario-based landslide hazard: fast-forwarding to the future via statistical simulations. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 2229-2242.	1.9	13
2	Statistical spatiotemporal analysis of hydro-morphological processes in China during 1950â€“2015. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 2377-2397.	1.9	6
3	Doing more with less: A comparative assessment between morphometric indices and machine learning models for automated gully pattern extraction (A case study: Dashtiari region, Sistan and) <i>Tj ETQq1 1 0.784314 rgBT /Overlook 10 Tf 50</i>		
4	The world's second-largest, recorded landslide event: Lessons learnt from the landslides triggered during and after the 2018 Mw 7.5 Papua New Guinea earthquake. <i>Engineering Geology</i> , 2022, 297, 106504.	2.9	22
5	Surface temperature controls the pattern of post-earthquake landslide activity. <i>Scientific Reports</i> , 2022, 12, 988.	1.6	24
6	Could road constructions be more hazardous than an earthquake in terms of mass movement?. <i>Natural Hazards</i> , 2022, 112, 639-663.	1.6	27
7	Distinct Susceptibility Patterns of Active and Relict Landslides Reveal Distinct Triggers: A Case in Northwestern Turkey. <i>Remote Sensing</i> , 2022, 14, 1321.	1.8	4
8	Mapping Susceptibility With Open-Source Tools: A New Plugin for QGIS. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	13
9	On the prediction of landslide occurrences and sizes via Hierarchical Neural Networks. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 2031-2048.	1.9	13
10	An open dataset for landslides triggered by the 2016 Mw 7.8 KaikÅ¼ura earthquake, New Zealand. <i>Landslides</i> , 2022, 19, 1405-1420.	2.7	16
11	Space-time susceptibility modeling of hydro-morphological processes at the Chinese national scale. <i>Engineering Geology</i> , 2022, 301, 106586.	2.9	19
12	A glimpse into the northernmost thermo-erosion gullies in Svalbard archipelago and their implications for Arctic cultural heritage. <i>Catena</i> , 2022, 212, 106105.	2.2	5
13	Will I or my loved one die? Concordant awareness between terminal cancer patients and their caregivers is associated with lower patient anxiety and caregiver burden. <i>European Journal of Cancer Care</i> , 2022, 31, .	0.7	4
14	Unified landslide hazard assessment using hurdle models: a case study in the Island of Dominica. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 2071-2084.	1.9	9
15	Landslide susceptibility maps of Italy: Lesson learnt from dealing with multiple landslide types and the uneven spatial distribution of the national inventory. <i>Earth-Science Reviews</i> , 2022, 232, 104125.	4.0	33
16	Capturing the footprints of ground motion in the spatial distribution of rainfall-induced landslides. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 4323-4345.	1.6	22
17	Physically-based catchment-scale prediction of slope failure volume and geometry. <i>Engineering Geology</i> , 2021, 284, 105942.	2.9	20
18	Preliminary assessment of thaw slump hazard to Arctic cultural heritage in NordenskiÅ¼ld Land, Svalbard. <i>Landslides</i> , 2021, 18, 2935-2947.	2.7	19

#	ARTICLE	IF	CITATIONS
19	Soil erosion modelling: A bibliometric analysis. <i>Environmental Research</i> , 2021, 197, 111087.	3.7	78
20	New Insight into Post-seismic Landslide Evolution Processes in the Tropics. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	9
21	Spatiotemporal clustering of flash floods in a changing climate (China, 1950â€“2015). <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2109-2124.	1.5	9
22	Soil erosion modelling: A global review and statistical analysis. <i>Science of the Total Environment</i> , 2021, 780, 146494.	3.9	261
23	New pedotransfer approaches to predict soil bulk density using WoSIS soil data and environmental covariates in Mediterranean agro-ecosystems. <i>Science of the Total Environment</i> , 2021, 780, 146609.	3.9	29
24	A closer look at factors governing landslide recovery time in post-seismic periods. <i>Geomorphology</i> , 2021, 391, 107912.	1.1	12
25	Using satellite rainfall products to assess the triggering conditions for hydro-morphological processes in different geomorphological settings in China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102350.	1.4	12
26	Landslide size matters: A new data-driven, spatial prototype. <i>Engineering Geology</i> , 2021, 293, 106288.	2.9	37
27	When Enough Is Really Enough? On the Minimum Number of Landslides to Build Reliable Susceptibility Models. <i>Geosciences (Switzerland)</i> , 2021, 11, 469.	1.0	21
28	Completeness Index for Earthquake-Induced Landslide Inventories. <i>Engineering Geology</i> , 2020, 264, 105331.	2.9	33
29	Comparison of machine learning models for gully erosion susceptibility mapping. <i>Geoscience Frontiers</i> , 2020, 11, 1609-1620.	4.3	96
30	Dignity Therapy Helps Terminally Ill Patients Maintain a Sense of Peace: Early Results of a Randomized Controlled Trial. <i>Frontiers in Psychology</i> , 2020, 11, 1468.	1.1	26
31	Space-time landslide predictive modelling. <i>Earth-Science Reviews</i> , 2020, 209, 103318.	4.0	88
32	Spatial modeling of multi-hazard threat to cultural heritage sites. <i>Engineering Geology</i> , 2020, 277, 105776.	2.9	56
33	A methodological comparison of head-cut based gully erosion susceptibility models: Combined use of statistical and artificial intelligence. <i>Geomorphology</i> , 2020, 359, 107136.	1.1	32
34	Hybrid Computational Intelligence Models for Improvement Gully Erosion Assessment. <i>Remote Sensing</i> , 2020, 12, 140.	1.8	33
35	Chrono-validation of near-real-time landslide susceptibility models via plug-in statistical simulations. <i>Engineering Geology</i> , 2020, 278, 105818.	2.9	31
36	Accounting for covariate distributions in slope-unit-based landslide susceptibility models. A case study in the alpine environment. <i>Engineering Geology</i> , 2019, 260, 105237.	2.9	51

#	ARTICLE	IF	CITATIONS
37	Geostatistical Modeling to Capture Seismicâ€œShaking Patterns From Earthquakeâ€œInduced Landslides. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 1958-1980.	1.0	52
38	Variation in landslide-affected area under the control of ground motion and topography. <i>Engineering Geology</i> , 2019, 260, 105229.	2.9	26
39	Comparative assessment using boosted regression trees, binary logistic regression, frequency ratio and numerical risk factor for gully erosion susceptibility modelling. <i>Catena</i> , 2019, 183, 104223.	2.2	76
40	PMT: New analytical framework for automated evaluation of geo-environmental modelling approaches. <i>Science of the Total Environment</i> , 2019, 664, 296-311.	3.9	84
41	Numerical Recipes for Landslide Spatial Prediction Using R-INLA. , 2019, , 55-83.		9
42	GIS-based groundwater potential mapping in Shahroud plain, Iran. A comparison among statistical (bivariate and multivariate), data mining and MCDM approaches. <i>Science of the Total Environment</i> , 2019, 658, 160-177.	3.9	150
43	Integration of two-phase solid fluid equations in a catchment model for flashfloods, debris flows and shallow slope failures. <i>Environmental Modelling and Software</i> , 2018, 105, 1-16.	1.9	78
44	Point process-based modeling of multiple debris flow landslides using INLA: an application to the 2009 Messina disaster. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2179-2198.	1.9	78
45	Modeling soil organic carbon with Quantile Regression: Dissecting predictors' effects on carbon stocks. <i>Geoderma</i> , 2018, 318, 148-159.	2.3	42
46	Spatial modelling of gully erosion using evidential belief function, logistic regression, and a new ensemble of evidential belief functionâ€œlogistic regression algorithm. <i>Land Degradation and Development</i> , 2018, 29, 4035-4049.	1.8	98
47	Presenting logistic regression-based landslide susceptibility results. <i>Engineering Geology</i> , 2018, 244, 14-24.	2.9	164
48	Persistent complex bereavement disorder in caregivers of terminally ill patients undergoing supportive-expressive treatment: a pilot study. <i>Journal of Mental Health</i> , 2017, 26, 111-118.	1.0	11
49	Estimation of intrinsic aquifer vulnerability with index-overlay and statistical methods: the case of eastern Kopaida, central Greece. <i>Applied Water Science</i> , 2017, 7, 2215-2229.	2.8	7
50	Spirituality and Awareness of Diagnoses in Terminally Ill Patients With Cancer. <i>American Journal of Hospice and Palliative Medicine</i> , 2017, 34, 505-509.	0.8	19
51	Spatio-temporal topsoil organic carbon mapping of a semi-arid Mediterranean region: The role of land use, soil texture, topographic indices and the influence of remote sensing data to modelling. <i>Science of the Total Environment</i> , 2017, 601-602, 821-832.	3.9	122
52	Improving transferability strategies for debris flow susceptibility assessment: Application to the Saponara and Itala catchments (Messina, Italy). <i>Geomorphology</i> , 2017, 288, 52-65.	1.1	78
53	Handling high predictor dimensionality in slope-unit-based landslide susceptibility models through LASSO-penalized Generalized Linear Model. <i>Environmental Modelling and Software</i> , 2017, 97, 145-156.	1.9	112
54	Modelling the topsoil carbon stock of agricultural lands with the Stochastic Gradient Treeboost in a semi-arid Mediterranean region. <i>Geoderma</i> , 2017, 286, 35-45.	2.3	48

#	ARTICLE	IF	CITATIONS
55	Presence-only approach to assess landslide triggering-thickness susceptibility: a test for the Mili catchment (north-eastern Sicily, Italy). <i>Natural Hazards</i> , 2016, 84, 565-588.	1.6	44
56	Exploiting Maximum Entropy method and ASTER data for assessing debris flow and debris slide susceptibility for the Giampilieri catchment (north-eastern Sicily, Italy). <i>Earth Surface Processes and Landforms</i> , 2016, 41, 1776-1789.	1.2	52
57	Exploring relationships between grid cell size and accuracy for debris-flow susceptibility models: a test in the Giampilieri catchment (Sicily, Italy). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	89
58	Exploring the effect of absence selection on landslide susceptibility models: A case study in Sicily, Italy. <i>Geomorphology</i> , 2016, 261, 222-235.	1.1	106
59	Binary logistic regression versus stochastic gradient boosted decision trees in assessing landslide susceptibility for multiple-occurring landslide events: application to the 2009 storm event in Messina (Sicily, southern Italy). <i>Natural Hazards</i> , 2015, 79, 1621-1648.	1.6	149
60	Predicting storm-triggered debris flow events: application to the 2009 Ionian Peloritan disaster (Sicily, Italy). <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 1785-1806.	1.5	49
61	Integrated geophysical survey for 3D modelling of a coastal aquifer polluted by seawater. <i>Near Surface Geophysics</i> , 2014, 12, 45-59.	0.6	20
62	A test of transferability for landslides susceptibility models under extreme climatic events: application to the Messina 2009 disaster. <i>Natural Hazards</i> , 2014, 74, 1951-1989.	1.6	67
63	Predictive Role of Different Dimensions of Burden for Risk of Complicated Grief in Caregivers of Terminally Ill Patients. <i>American Journal of Hospice and Palliative Medicine</i> , 2014, 31, 189-193.	0.8	21
64	Pre-Loss Demographic and Psychological Predictors of Complicated Grief among Relatives of Terminally Ill Cancer Patients. <i>Psychotherapy and Psychosomatics</i> , 2012, 81, 256-258.	4.0	14
65	From scenario-based seismic hazard to scenario-based landslide hazard: rewinding to the past via statistical simulations. <i>Stochastic Environmental Research and Risk Assessment</i> , 0, , 1.	1.9	8
66	Comments on: "Prediction of rainfall induced landslide movements by artificial neural networks" by Logar et al. (2017). , 0, , .		0