

Luigia Brandimarte

List of Publications by Year in descending order

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47
papers

2,785
citations

266019

23
h-index

232741

45
g-index

49
all docs

49
docs citations

49
times ranked

5990
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome association study of bipolar disorder. <i>Molecular Psychiatry</i> , 2008, 13, 558-569.	8.2	649
2	Debatesâ€”Perspectives on socioâ€”hydrology: Capturing feedbacks between physical and social processes. <i>Water Resources Research</i> , 2015, 51, 4770-4781.	4.2	350
3	Insights from socio-hydrology modelling on dealing with flood risk â€” Roles of collective memory, risk-taking attitude and trust. <i>Journal of Hydrology</i> , 2014, 518, 71-82.	5.6	232
4	Regional flow-duration curves: reliability for ungauged basins. <i>Advances in Water Resources</i> , 2004, 27, 953-965.	3.8	202
5	Chelation in metal intoxicationâ€”Principles and paradigms. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 260-266.	3.2	138
6	Relation Between the North-Atlantic Oscillation and Hydroclimatic Conditions in Mediterranean Areas. <i>Water Resources Management</i> , 2011, 25, 1269-1279.	4.0	80
7	The Kaapvaal craton seismic anisotropy: Petrophysical analyses of upper mantle kimberlite nodules. <i>Geophysical Research Letters</i> , 2001, 28, 2497-2500.	4.0	76
8	Timely Low Resolution SAR Imagery To Support Floodplain Modelling: a Case Study Review. <i>Surveys in Geophysics</i> , 2011, 32, 255-269.	4.8	76
9	The seventh facet of uncertainty: wrong assumptions, unknowns and surprises in the dynamics of humanâ€”water systems. <i>Hydrological Sciences Journal</i> , 2016, 61, 1748-1758.	2.7	76
10	Mutations in PMPCB Encoding the Catalytic Subunit of the Mitochondrial Presequence Protease Cause Neurodegeneration in Early Childhood. <i>American Journal of Human Genetics</i> , 2018, 102, 557-573.	6.1	73
11	A GIS-based assessment of maximum potential hydropower production in La Plata basin under global changes. <i>Renewable Energy</i> , 2013, 50, 103-114.	9.0	59
12	Measurement of electrons from semileptonic heavy-flavor hadron decays in \sqrt{s} collisions at \sqrt{s}	4.8	58
13	Induction of Gametogenesis in the Cnidarian Endosymbiosis Model <i>Aiptasia</i> sp.. <i>Scientific Reports</i> , 2015, 5, 15677.	3.4	54
14	The landscape of molecular mechanisms for salt tolerance in wheat. <i>Crop Journal</i> , 2018, 6, 42-47.	5.3	45
15	Synthesis, Molecular Structure, and C \equiv C Coupling Reactions of Carbeneruthenium(II) Complexes with C $_5$ H $_5$ Ru(η^5 -C $_5$ R $_5$) $_2$ and C $_5$ Me $_5$ Ru(η^5 -C $_5$ R $_5$) $_2$ as Molecular Units. <i>Chemistry - A European Journal</i> , 2003, 9, 2516-2530.	3.9	42
16	The Costs of Living with Floods in the Jamuna Floodplain in Bangladesh. <i>Water (Switzerland)</i> , 2019, 11, 1238.	2.8	38
17	Stochastic Flow Analysis for Predicting River Scour of Cohesive Soils. <i>Journal of Hydraulic Engineering</i> , 2006, 132, 493-500.	2.0	36
18	The interplay between structural flood protection, population density, and flood mortality along the Jamuna River, Bangladesh. <i>Regional Environmental Change</i> , 2020, 20, 5.	2.9	36

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19	Ambitious development on fragile foundations: Criticalities of current large dam construction in Afghanistan. <i>Geoforum</i> , 2014, 54, 49-58.	2.7	33
20	Capturing flood-risk dynamics with a coupled agent-based and hydraulic modelling framework. <i>Hydrological Sciences Journal</i> , 2020, 65, 1458-1473.	2.7	33
21	A methodology for assessing spatio-temporal dynamics of flood regulating services. <i>Ecological Indicators</i> , 2021, 129, 107963.	6.4	33
22	Socio-hydrological spaces in the Jamuna River floodplain in Bangladesh. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 5159-5173.	5.0	29
23	Nano-oleanolic acid alleviates metabolic dysfunctions in rats with high fat and fructose diet. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1181-1187.	5.8	23
24	Uncertainty in the estimation of backwater effects at bridge crossings. <i>Hydrological Processes</i> , 2013, 27, 1292-1300.	2.6	22
25	Ultrasound Mediated Cellular Deflection Results in Cellular Depolarization. <i>Advanced Science</i> , 2022, 9, e2101950.	12.4	20
26	Influence of process parameters on atomic layer deposition of ZrO ₂ thin films from CpZr(NMe ₂) ₃ and H ₂ O. <i>Thin Solid Films</i> , 2014, 565, 37-44.	1.9	19
27	Dynamic walking features and improved walking performance in multiple sclerosis patients treated with fampridine (4-aminopyridine). <i>BMC Neurology</i> , 2015, 15, 171.	1.8	19
28	Investigating the influence of minor hydraulic structures on modeling flood events in lowland areas. <i>Hydrological Processes</i> , 2014, 28, 1742-1755.	2.6	17
29	Analysis of fresh-saline water interface at the Shatt Al-Arab estuary. <i>International Journal of River Basin Management</i> , 2015, 13, 17-25.	2.5	17
30	Innovative Probabilistic Methodology for Evaluating the Reliability of Discrete Levee Reaches Owing to Piping. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	2.2	17
31	Experimental partnering: interpreting improvisatory habits in the research field. <i>International Journal of Social Research Methodology: Theory and Practice</i> , 2014, 17, 45-57.	4.6	16
32	Utilization of whole cell mediated deracemization in a chemoenzymatic synthesis of enantiomerically enriched polycyclic chromeno[4,3-b] pyrrolidines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4682.	2.9	16
33	Model averaging versus model selection: estimating design floods with uncertain river flow data. <i>Hydrological Sciences Journal</i> , 2018, 63, 1913-1926.	2.7	16
34	Virtual energy storage gain resulting from the spatio-temporal coordination of hydropower over Europe. <i>Applied Energy</i> , 2020, 272, 115249.	10.3	14
35	A probabilistic approach to the analysis of contraction scour. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2006, 44, 654-662.	1.8	11
36	The wider the gap between rich and poor the higher the flood mortality. <i>Nature Sustainability</i> , 2023, 6, 995-1005.	20.9	11

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37	Analysis of 220 Years of Floodplain Population Dynamics in the US at Different Spatial Scales. Water (Switzerland), 2021, 13, 141.	2.8	10
38	CerS1 but Not CerS5 Gene Silencing, Improves Insulin Sensitivity and Glucose Uptake in Skeletal Muscle. Cells, 2022, 11, 206.	4.3	10
39	Access point selection algorithm for providing optimal AP in SDN-based wireless network. , 2017, , .		8
40	ANALYSIS OF THE PERFORMANCE RESPONSE OF OFFLINE DETENTION BASINS TO INLET STRUCTURE DESIGN. Irrigation and Drainage, 2013, 62, 449-457.	1.6	5
41	On the Continuity Properties of the Attainable Sets of Nonlinear Control Systems with Integral Constraint on Controls. Abstract and Applied Analysis, 2008, 2008, 1-14.	0.6	4
42	Fetal obstructive uropathy.. BMJ: British Medical Journal, 1989, 299, 325-326.	5.6	3
43	Modelling flood awareness in floodplain dynamics. Hydrological Sciences Journal, 2023, 68, 604-613.	2.7	3
44	Compact Fiber Optic Trackside Sensor for Rail Vehicle Detection and Analysis. IFAC-PapersOnLine, 2018, 51, 220-224.	1.0	2
45	Toward Advanced Functional Systems: Honeycomb-Like Polymeric Surfaces Incorporating Polyoxovanadates with Surface-Appended Copper-Cyclam Complexes. Molecules, 2019, 24, 2313.	3.9	2
46	Dermatoscopy. , 2022, , 61-68.		1
47	A comparison of global flood models using Sentinel-1 and a change detection approach. Natural Hazards, 0, , .	3.4	0