

# 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	The wider the gap between rich and poor the higher the flood mortality. <i>Nature Sustainability</i> , 2023, 6, 995-1005.	20.9	11
2	Modelling flood awareness in floodplain dynamics. <i>Hydrological Sciences Journal</i> , 2023, 68, 604-613.	2.7	3
3	Ultrasound Mediated Cellular Deflection Results in Cellular Depolarization. <i>Advanced Science</i> , 2022, 9, e2101950.	12.4	20
4	CerS1 but Not CerS5 Gene Silencing, Improves Insulin Sensitivity and Glucose Uptake in Skeletal Muscle. <i>Cells</i> , 2022, 11, 206.	4.3	10
5	Dermatoscopy. , 2022, , 61-68.		1
6	Analysis of 220 Years of Floodplain Population Dynamics in the US at Different Spatial Scales. <i>Water (Switzerland)</i> , 2021, 13, 141.	2.8	10
7	A methodology for assessing spatio-temporal dynamics of flood regulating services. <i>Ecological Indicators</i> , 2021, 129, 107963.	6.4	33
8	Virtual energy storage gain resulting from the spatio-temporal coordination of hydropower over Europe. <i>Applied Energy</i> , 2020, 272, 115249.	10.3	14
9	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
10	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
11	The Costs of Living with Floods in the Jamuna Floodplain in Bangladesh. <i>Water (Switzerland)</i> , 2019, 11, 1238.	2.8	38
12	Toward Advanced Functional Systems: Honeycomb-Like Polymeric Surfaces Incorporating Polyoxovanadates with Surface-Appended Copper-Cyclam Complexes. <i>Molecules</i> , 2019, 24, 2313.	3.9	2
13	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
14	The landscape of molecular mechanisms for salt tolerance in wheat. <i>Crop Journal</i> , 2018, 6, 42-47.	5.3	45
15	Compact Fiber Optic Trackside Sensor for Rail Vehicle Detection and Analysis. <i>IFAC-PapersOnLine</i> , 2018, 51, 220-224.	1.0	2
16	Model averaging <i>versus</i> model selection: estimating design floods with uncertain river flow data. <i>Hydrological Sciences Journal</i> , 2018, 63, 1913-1926.	2.7	16
17	Socio-hydrological spaces in the Jamuna River floodplain in Bangladesh. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 5159-5173.	5.0	29
18	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

#	ARTICLE	IF	CITATIONS
19	Access point selection algorithm for providing optimal AP in SDN-based wireless network. , 2017, , .		8
20	The seventh facet of uncertainty: wrong assumptions, unknowns and surprises in the dynamics of human water systems. Hydrological Sciences Journal, 2016, 61, 1748-1758.	2.7	76
21	Debates Perspectives on socio-hydrology: Capturing feedbacks between physical and social processes. Water Resources Research, 2015, 51, 4770-4781.	4.2	350
22	Induction of Gametogenesis in the Cnidarian Endosymbiosis Model Aiptasia sp.. Scientific Reports, 2015, 5, 15677.	3.4	54
23	Dynamic walking features and improved walking performance in multiple sclerosis patients treated with fampridine (4-aminopyridine). BMC Neurology, 2015, 15, 171.	1.8	19
24	Analysis of fresh-saline water interface at the Shatt Al-Arab estuary. International Journal of River Basin Management, 2015, 13, 17-25.	2.5	17
25	Innovative Probabilistic Methodology for Evaluating the Reliability of Discrete Levee Reaches Owing to Piping. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	2.2	17
26	Chelation in metal intoxication Principles and paradigms. Journal of Trace Elements in Medicine and Biology, 2015, 31, 260-266.	3.2	138
27	Experimental partnering: interpreting improvisatory habits in the research field. International Journal of Social Research Methodology: Theory and Practice, 2014, 17, 45-57.	4.6	16
28	Utilization of whole cell mediated deracemization in a chemoenzymatic synthesis of enantiomerically enriched polycyclic chromeno[4,3-b] pyrrolidines. Organic and Biomolecular Chemistry, 2014, 12, 4682.	2.9	16
29	Influence of process parameters on atomic layer deposition of ZrO2 thin films from CpZr(NMe2)3 and H2O. Thin Solid Films, 2014, 565, 37-44.	1.9	19
30	Ambitious development on fragile foundations: Criticalities of current large dam construction in Afghanistan. Geoforum, 2014, 54, 49-58.	2.7	33
31	Insights from socio-hydrology modelling on dealing with flood risk Roles of collective memory, risk-taking attitude and trust. Journal of Hydrology, 2014, 518, 71-82.	5.6	232
32	Investigating the influence of minor hydraulic structures on modeling flood events in lowland areas. Hydrological Processes, 2014, 28, 1742-1755.	2.6	17
33	Uncertainty in the estimation of backwater effects at bridge crossings. Hydrological Processes, 2013, 27, 1292-1300.	2.6	22
34	A GIS-based assessment of maximum potential hydropower production in La Plata basin under global changes. Renewable Energy, 2013, 50, 103-114.	9.0	59
35	ANALYSIS OF THE PERFORMANCE RESPONSE OF OFFLINE DETENTION BASINS TO INLET STRUCTURE DESIGN. Irrigation and Drainage, 2013, 62, 449-457.	1.6	5
36	Measurement of electrons from semileptonic heavy-flavor hadron decays in collisions at $\sqrt{s} = 7$ TeV. $\sqrt{s} = 7$ TeV. $\sqrt{s} = 7$ TeV. $\sqrt{s} = 7$ TeV.	4.8	58

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37	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
38	Relation Between the North-Atlantic Oscillation and Hydroclimatic Conditions in Mediterranean Areas. <i>Water Resources Management</i> , 2011, 25, 1269-1279.	4.0	80
39	Whole-genome association study of bipolar disorder. <i>Molecular Psychiatry</i> , 2008, 13, 558-569.	8.2	649
40	On the Continuity Properties of the Attainable Sets of Nonlinear Control Systems with Integral Constraint on Controls. <i>Abstract and Applied Analysis</i> , 2008, 2008, 1-14.	0.6	4
41	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
42	Stochastic Flow Analysis for Predicting River Scour of Cohesive Soils. <i>Journal of Hydraulic Engineering</i> , 2006, 132, 493-500.	2.0	36
43	Regional flow-duration curves: reliability for ungauged basins. <i>Advances in Water Resources</i> , 2004, 27, 953-965.	3.8	202
44	Synthesis, Molecular Structure, and C≡C Coupling Reactions of Carbeneruthenium(II) Complexes with C <sub>5</sub> H <sub>5</sub> Ru(η <sup>5</sup> -C <sub>5</sub> R <sub>5</sub> ) and C <sub>5</sub> Me <sub>5</sub> Ru(η <sup>5</sup> -C <sub>5</sub> R <sub>5</sub> ) as Molecular Units. <i>Chemistry - A European Journal</i> , 2003, 9, 2516-2530.	3.9	42
45	The Kaapvaal craton seismic anisotropy: Petrophysical analyses of upper mantle kimberlite nodules. <i>Geophysical Research Letters</i> , 2001, 28, 2497-2500.	4.0	76
46	Fetal obstructive uropathy.. <i>BMJ: British Medical Journal</i> , 1989, 299, 325-326.	5.6	3
47	A comparison of global flood models using Sentinel-1 and a change detection approach. <i>Natural Hazards</i> , 0, , .	3.4	0