

Ognjen Bonacci

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5804782/publications.pdf>

Version: 2024-02-01

100
papers

3,429
citations

236612

25
h-index

155451

55
g-index

111
all docs

111
docs citations

111
times ranked

3424
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationships between large-scale atmospheric circulation and monthly precipitation and discharge in the Danube River Basin. <i>Theoretical and Applied Climatology</i> , 2022, 148, 767-777.	1.3	1
2	Karst Lake's Dynamics Analysis as a Tool for Aquifer Characterisation at Field Scale, Example of Cryptodepression's Red Lake in Croatia. <i>Water (Switzerland)</i> , 2022, 14, 830.	1.2	3
3	Application of revised innovative trend analysis in lower Drava River. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	7
4	Increasing Trends in Air and Sea Surface Temperature in the Central Adriatic Sea (Croatia). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 358.	1.2	16
5	Different air temperature changes in continental and Mediterranean regions: a case study from two Croatian stations. <i>Theoretical and Applied Climatology</i> , 2021, 145, 1333-1346.	1.3	9
6	Innovative and successive average trend analysis of temperature and precipitation in Osijek, Croatia. <i>Theoretical and Applied Climatology</i> , 2021, 145, 875-890.	1.3	13
7	Povezanost površinske temperature more i površinske temperature zraka. <i>Geoadria</i> , 2021, 26, 7-34.	0.3	2
8	Precipitation Regime Changes at Four Croatian Meteorological Stations. <i>Atmosphere</i> , 2021, 12, 885.	1.0	6
9	Application of machine learning models in hydrology: Case study of river temperature forecasting in the Drava River using coupled wavelet analysis and adaptive neuro-fuzzy inference systems model. , 2021, , 399-411.		1
10	Hydrological Aspects of Nature-Based Solutions in Flood Mitigation in the Danube River Basin in Croatia: Green vs. Grey Approach. <i>Handbook of Environmental Chemistry</i> , 2021, , 263-288.	0.2	4
11	Standard normal homogeneity test as a tool to detect change points in climate-related river discharge variation: case study of the Kupa River Basin. <i>Hydrological Sciences Journal</i> , 2020, 65, 227-241.	1.2	13
12	Analyses of Climate Variations at Four Meteorological Stations on Remote Islands in the Croatian Part of the Adriatic Sea. <i>Atmosphere</i> , 2020, 11, 1044.	1.0	15
13	The water and biology on a small Karstic island: the Island of Brač (Croatia) as one example. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	1
14	Impact of large human constructions on a karst river hydrology: Case of the Cetina river (Dinaric) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	0.4	1
15	Changing climate both increases and decreases European river floods. <i>Nature</i> , 2019, 573, 108-111.	13.7	639
16	An example of principal component analysis application on climate change assessment. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1049-1062.	1.3	20
17	Lake Level Prediction using Feed Forward and Recurrent Neural Networks. <i>Water Resources Management</i> , 2019, 33, 2471-2484.	1.9	62
18	ASSESSING SEDIMENT REGIME ALTERATION OF THE LOWER DRAVA RIVER. <i>E-GFOS</i> , 2019, , 1-12.	0.2	1

#	ARTICLE	IF	CITATIONS
19	An Intermittent Karst River: The Case of the ÄEikola River (Dinaric Karst, Croatia). <i>Water</i> (Switzerland), 2019, 11, 2415.	1.2	11
20	Human Impacts on Water Regime. <i>Springer Geography</i> , 2019, , 125-137.	0.3	4
21	Air temperature and precipitation analyses on a small Mediterranean island: the case of the remote island of Lastovo (Adriatic Sea, Croatia). <i>Acta Hydrotechnica</i> , 2019, , 135-150.	0.4	8
22	Long term variations of river temperature and the influence of air temperature and river discharge: case study of Kupa River watershed in Croatia. <i>Journal of Hydrology and Hydromechanics</i> , 2019, 67, 305-313.	0.7	15
23	Differences between true mean temperatures and means calculated with four different approaches: a case study from three Croatian stations. <i>Theoretical and Applied Climatology</i> , 2018, 131, 733-743.	1.3	6
24	Preliminary analysis of the decrease in water level of Vrana Lake on the small carbonate island of Cres (Dinaric karst, Croatia). <i>Geological Society Special Publication</i> , 2018, 466, 307-317.	0.8	9
25	Analyses of the Zagreb GriÄ-observatory air temperatures indices for the period 1881 to 2017. <i>Acta Hydrotechnica</i> , 2018, , 67-85.	0.4	10
26	Water resources analysis of the RjeÄina karst spring and river (Dinaric karst). <i>Acta Carsologica</i> , 2018, 47, .	0.3	3
27	Hydrological analysis of Skradinski Buk tufa waterfall (Krka River, Dinaric karst, Croatia). <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	13
28	Changing climate shifts timing of European floods. <i>Science</i> , 2017, 357, 588-590.	6.0	584
29	Analysis of the Drava and Danube rivers floods in Osijek (Croatia) and possibility of their coincidence. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	15
30	Changes in hydrological regime caused by human intervention in karst: the case of the Rumin Springs. <i>Hydrological Sciences Journal</i> , 2016, 61, 2387-2398.	1.2	12
31	Drastic hydrological changes caused by hydroelectrical development in karst: a case of the karst river Zrmanja (Croatia). <i>Environmental Earth Sciences</i> , 2015, 74, 6767-6777.	1.3	6
32	Analysis of transboundary Dojran Lake mean annual water level changes. <i>Environmental Earth Sciences</i> , 2015, 73, 3177-3185.	1.3	13
33	Karst spring catchment: an example from Dinaric karst. <i>Environmental Earth Sciences</i> , 2015, 74, 6211-6223.	1.3	27
34	Karst hydrogeology/hydrology of dinaric chain and isles. <i>Environmental Earth Sciences</i> , 2015, 74, 37-55.	1.3	40
35	Surface Waters and Groundwater in Karst. <i>Professional Practice in Earth Sciences</i> , 2015, , 149-169.	0.4	10
36	Morphological study of Red lake in Dinaric karst based on terrestrial laser scanning and sonar system. <i>Acta Carsologica</i> , 2015, 43, .	0.3	3

#	ARTICLE	IF	CITATIONS
37	Dynamics of the Kopački Rit (Croatia) wetland floodplain water regime. <i>Environmental Earth Sciences</i> , 2014, 71, 3559-3570.	1.3	10
38	Hydrology of Blue Lake in the Dinaric karst. <i>Hydrological Processes</i> , 2014, 28, 1890-1898.	1.1	11
39	Karst rivers' particularity: an example from Dinaric karst (Croatia/Bosnia and Herzegovina). <i>Environmental Earth Sciences</i> , 2013, 70, 963-974.	1.3	33
40	Differences between true mean daily, monthly and annual air temperatures and air temperatures calculated with three equations: a case study from three Croatian stations. <i>Theoretical and Applied Climatology</i> , 2013, 114, 271-279.	1.3	17
41	The possible negative consequences of underground dam and reservoir construction and operation in coastal karst areas: an example of the hydro-electric power plant (HEPP) Ombla near Dubrovnik (Croatia). <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 2041-2052.	1.5	26
42	Molecular data as a possible tool for tracing groundwater flow in karst environment: example of <i>Delminichthys adspersus</i> in Dinaric karst system. <i>Ecohydrology</i> , 2012, 5, 791-797.	1.1	15
43	The water on a small karst island: the island of Korčula (Croatia) as an example. <i>Environmental Earth Sciences</i> , 2012, 66, 1345-1357.	1.3	17
44	Impact of grout curtains on karst groundwater behaviour: an example from the Dinaric karst. <i>Hydrological Processes</i> , 2012, 26, 2765-2772.	1.1	14
45	Analysis of Long-Term (1878-2004) Mean Annual Discharges of the Karst Spring Fontaine de Vaucluse (France). <i>Acta Carsologica</i> , 2012, 36, .	0.3	14
46	Karst Rivers Hydrology: Case of the Lika and Gacka (Croatia). <i>Acta Carsologica</i> , 2012, 37, .	0.3	17
47	The changes in the lower Drava River water level, discharge and suspended sediment regime. <i>Environmental Earth Sciences</i> , 2010, 59, 1661-1670.	1.3	47
48	Impact of an interbasin water transfer and reservoir operation on a karst open streamflow hydrological regime: an example from the Dinaric karst (Croatia). <i>Hydrological Processes</i> , 2010, 24, 3852-3863.	1.1	33
49	Spring discharge hydrograph. , 2010, , 129-163.		32
50	Sustainability of the karst environment - Dinaric karst and other karst regions. <i>Geologia Croatica</i> , 2010, 63, .	0.3	6
51	Negative impacts of grouting on the underground karst environment. <i>Ecohydrology</i> , 2009, 2, 492-502.	1.1	31
52	A framework for karst ecohydrology. <i>Environmental Geology</i> , 2009, 56, 891-900.	1.2	125
53	Water losses from a reservoir built in karst: the example of the Boljunica reservoir (Istria, Croatia). <i>Environmental Geology</i> , 2009, 58, 339-345.	1.2	24
54	Changes in flow conveyance and implication for flood protection, Sava River, Zagreb. <i>Hydrological Processes</i> , 2008, 22, 1189-1196.	1.1	16

#	ARTICLE	IF	CITATIONS
55	Analysis of the water temperature regime of the Danube and its tributaries in Croatia. Hydrological Processes, 2008, 22, 1014-1021.	1.1	48
56	Water losses from the RiÄice reservoir built in the Dinaric karst. Engineering Geology, 2008, 99, 121-127.	2.9	25
57	Cost Modelling In Waste Water Treatment Processes: An Empirical Analysis For Spain. , 2008, , 219-226.		8
58	Aqueous Photocatalysis, Natural Organic Matter Characterization And Removal: A Case Study Of The Photocatalytic Oxidation of Fulvic Acid. , 2008, , 247-256.		4
59	Polar Organic Micropollutants In The Water Cycle. , 2008, , 103-116.		20
60	Pharmaceuticals And Personal Care Products (Ppcp) In Canadian Urban Waters: A Management Perspective. , 2008, , 117-130.		4
61	Viruses In Ground Water. , 2008, , 131-149.		8
62	Ecohydrology Of Dojran Lake. , 2008, , 151-160.		4
63	Phytotoxicity Assessment Of Effluent Waters, Surface Water And Sediments. , 2008, , 171-180.		2
64	Monitoring And Modelling Pesticide Dynamics In Surface Water. , 2008, , 181-190.		3
65	Methods For Toxicity Testing Of Xenobiotics In Wastewater Treatment Plants And In Receiving Water Bodies. , 2008, , 191-206.		3
66	Review On The Assessment Of The Removal Efficiency Of Wastewater Treatment Plants For Selected Xenobiotics. , 2008, , 227-244.		5
67	Facts, Contradictions And Possible Improvement Actions For Hazardous Wastewater Management - A Case Study. , 2008, , 267-278.		1
68	The Comparative Study Of The Overall Effect Of Crude Oil On Fish In Early Stages Of Development. , 2008, , 307-316.		6
69	Evaluation Of Vilnius City (Lithuania) Snow Pollution Toxicity By Use Of Fish Biotests. , 2008, , 317-324.		0
70	Chemical And Ecological Problems Of Small Reservoirs At Designing Of Wastewater Treatment Installations. , 2008, , 257-265.		0
71	Operation Of Domestic Wastewater Treatment Plant With Submerged Membrane Modules. , 2008, , 297-306.		0
72	Minimization Of Dangerous Pollutants In The New Sanitation Concept For Separation Treatment Of Wastewater. , 2008, , 325-329.		0

#	ARTICLE	IF	CITATIONS
73	Basic data on the hydrology of Lakes Ohrid and Prespa. <i>Hydrological Processes</i> , 2007, 21, 658-664.	1.1	90
74	Definition of catchment area in karst: case of the rivers Krka and Krka, Croatia. <i>Hydrological Sciences Journal</i> , 2006, 51, 682-699.	1.2	49
75	Karst flash floods: an example from the Dinaric karst (Croatia). <i>Natural Hazards and Earth System Sciences</i> , 2006, 6, 195-203.	1.5	107
76	The influence of hydroelectrical development on the flow regime of the karstic river Cetina. <i>Hydrological Processes</i> , 2003, 17, 1-15.	1.1	39
77	Monthly and annual effective infiltration coefficients in Dinaric karst: example of the Gradole karst spring catchment. <i>Hydrological Sciences Journal</i> , 2001, 46, 287-299.	1.2	44
78	Analysis of the maximum discharge of karst springs. <i>Hydrogeology Journal</i> , 2001, 9, 328-338.	0.9	92
79	Interpretation of groundwater level monitoring results in karst aquifers: examples from the Dinaric karst. <i>Hydrological Processes</i> , 2000, 14, 2423-2438.	1.1	34
80	Water circulation in karst and determination of catchment areas: example of the River Zrmanja. <i>Hydrological Sciences Journal</i> , 1999, 44, 373-386.	1.2	43
81	Analysis of precipitation appearance in time. <i>Hydrological Processes</i> , 1999, 13, 1683-1690.	1.1	2
82	Ecologically acceptable flows definition for the Krka River (Croatia). <i>River Research and Applications</i> , 1998, 14, 245-256.	1.2	9
83	Sea water intrusion in coastal karst springs: example of the Blažina Spring (Croatia). <i>Hydrological Sciences Journal</i> , 1997, 42, 89-100.	1.2	38
84	Ground water behaviour in karst: example of the Ombla Spring (Croatia). <i>Journal of Hydrology</i> , 1995, 165, 113-134.	2.3	71
85	Hydrological identification of drought. <i>Hydrological Processes</i> , 1993, 7, 249-262.	1.1	53
86	THE VRANA LAKE HYDROLOGY (ISLAND OF CRES - CROATIA). <i>Journal of the American Water Resources Association</i> , 1993, 29, 407-417.	1.0	9
87	The Catchment Area of the Sv. Ivan Karst Spring in Istria (Croatia). <i>Ground Water</i> , 1993, 31, 767-773.	0.7	14
88	Hydrological explanation of the flow in karst: example of the Crnojevića spring. <i>Journal of Hydrology</i> , 1993, 146, 405-419.	2.3	21
89	Karst springs hydrographs as indicators of karst aquifers. <i>Hydrological Sciences Journal</i> , 1993, 38, 51-62.	1.2	205
90	Effects of dams and reservoirs on the hydrological characteristics of the lower drava river. <i>River Research and Applications</i> , 1992, 7, 349-357.	1.2	19

#	ARTICLE	IF	CITATIONS
91	Rhythmic karst springs. Hydrological Sciences Journal, 1991, 36, 35-47.	1.2	30
92	The influence of errors in precipitation measurements on the accuracy of the evaporation measurements performed by a class A evaporation pan. Theoretical and Applied Climatology, 1991, 43, 181-183.	1.3	5
93	Identification of a karst hydrological system in the Dinaric karst (Yugoslavia). Hydrological Sciences Journal, 1988, 33, 483-497.	1.2	19
94	Karst Hydrology. Springer Series in Physical Environment, 1987, , .	0.4	132
95	Hydrological investigations of Dinaric karst at the Krka catchment and the river Krka springs (Yugoslavia). Journal of Hydrology, 1985, 82, 317-326.	2.3	23
96	Several methods for discharge measurements of floods / Plusieurs m�ethodes de mesure du d�bit des crues. Hydrological Sciences Journal, 1983, 28, 513-524.	1.2	5
97	ACCURACY OF SUSPENDED SEDIMENT MEASUREMENTS IN NATURAL STREAMFLOWS. Journal of Hydraulic Research/De Recherches Hydrauliques, 1981, 19, 195-209.	0.7	2
98	Influence of turbulence on the accuracy of discharge measurements in natural streamflows. Journal of Hydrology, 1979, 42, 347-367.	2.3	6
99	A European Flood Database: facilitating comprehensive flood research beyond administrative boundaries. Proceedings of the International Association of Hydrological Sciences, 0, 370, 89-95.	1.0	32
100	Re: Hydrology. , 0, , .		0