

JÃ¡nos JÃ³zsa

List of Publications by Year in descending order

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43
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394421

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docs citations

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times ranked

1198
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking large-scale evapotranspiration estimates: A perspective from a calibration-free complementary relationship approach and FLUXCOM. <i>Journal of Hydrology</i> , 2020, 590, 125221.	5.4	27
2	A Novel Sediment Transport Calculation Method-Based 3D CFD Model Investigation of a Critical Danube Reach. <i>Polish Journal of Environmental Studies</i> , 2020, 29, 2889-2899.	1.2	2
3	A Shear Reynolds Number-Based Classification Method of the Nonuniform Bed Load Transport. <i>Water (Switzerland)</i> , 2019, 11, 73.	2.7	13
4	A practical framework to assess the hydrodynamic impact of ship waves on river banks. <i>River Research and Applications</i> , 2019, 35, 1428-1442.	1.7	12
5	Validation of a Novel, Shear Reynolds Number Based Bed Load Transport Calculation Method for Mixed Sediments against Field Measurements. <i>Water (Switzerland)</i> , 2019, 11, 2051.	2.7	4
6	Evapotranspiration Trends (1979â€“2015) in the Central Valley of California, USA: Contrasting Tendencies During 1981â€“2007. <i>Water Resources Research</i> , 2018, 54, 5620-5635.	4.2	24
7	Habitat mapping of riverine fish by means of hydromorphological tools. <i>Ecohydrology</i> , 2018, 11, e2009.	2.4	10
8	Investigation of the Effects of Ship Induced Waves on the Littoral Zone with Field Measurements and CFD Modeling. <i>Water (Switzerland)</i> , 2016, 8, 300.	2.7	20
9	Flow Analysis of a River Confluence with Field Measurements and Rans Model with Nested Grid Approach. <i>River Research and Applications</i> , 2015, 31, 28-41.	1.7	48
10	Wind profile and shear stress at reed-open water interface â€“ recent research achievements in Lake FertÅ. <i>Pollack Periodica</i> , 2015, 10, 107-122.	0.4	1
11	Numerical investigation of chaotic advection past a groyne based on laboratory flow experiment. <i>Advances in Water Resources</i> , 2014, 71, 81-92.	3.8	12
12	Water balance analysis for the Tonle Sap Lakeâ€“floodplain system. <i>Hydrological Processes</i> , 2014, 28, 1722-1733.	2.6	161
13	On the internal boundary layer related wind stress curl and its role in generating shallow lake circulations. <i>Journal of Hydrology and Hydromechanics</i> , 2014, 62, 16-23.	2.0	15
14	Measurement-based hydrodynamic characterisation of reed â€“ open water interface zones in shallow lake environment. <i>Periodica Polytechnica: Civil Engineering</i> , 2014, 58, 229-241.	0.6	3
15	Sediment Flux and Its Environmental Implications. <i>Journal of Environmental Informatics</i> , 2014, 24, 111-120.	6.0	6
16	Net Recharge vs. Depth to Groundwater Relationship in the Platte River Valley of Nebraska, United States. <i>Ground Water</i> , 2013, 51, 945-951.	1.3	35
17	MODISâ€Aided Statewide Net Groundwaterâ€Recharge Estimation in Nebraska. <i>Ground Water</i> , 2013, 51, 735-744.	1.3	31
18	Estimation of Suspended Sediment Concentrations with Adcp in Danube River. <i>Journal of Hydrology and Hydromechanics</i> , 2013, 61, 232-240.	2.0	27

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19	Remote-Sensing Based Groundwater Recharge Estimates in the Danube-Tisza Sand Plateau Region of Hungary. <i>Journal of Hydrology and Hydromechanics</i> , 2012, 60, 64-72.	2.0	22
20	Influence of secondary settling tank performance on suspended solids mass balance in activated sludge systems. <i>Water Research</i> , 2012, 46, 2415-2424.	11.3	49
21	Detecting the chaotic nature of advection in complex river flows. <i>Periodica Polytechnica: Civil Engineering</i> , 2012, 56, 97.	0.6	2
22	On the 2D modelling aspects of wind-induced waves in shallow, fetch-limited lakes. <i>Periodica Polytechnica: Civil Engineering</i> , 2012, 56, 127.	0.6	6
23	Identifying wave and turbulence components in wind-driven shallow basins. <i>Periodica Polytechnica: Civil Engineering</i> , 2012, 56, 87.	0.6	6
24	Variable density bore interaction with block obstacles. <i>International Journal of Computational Fluid Dynamics</i> , 2011, 25, 223-237.	1.2	5
25	Mapping mean annual groundwater recharge in the Nebraska Sand Hills, USA. <i>Hydrogeology Journal</i> , 2011, 19, 1503-1513.	2.1	63
26	Differential effects of several litter types on the germination of dry grassland species. <i>Journal of Vegetation Science</i> , 2010, 21, 1069-1081.	2.2	51
27	Modified Advection-Aridity Model of Evapotranspiration. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 569-574.	1.9	38
28	Analytical solution of the coupled 2-D turbulent heat and vapor transport equations and the complementary relationship of evaporation. <i>Journal of Hydrology</i> , 2009, 372, 61-67.	5.4	22
29	Complementary relationship of evaporation and the mean annual water energy balance. <i>Water Resources Research</i> , 2009, 45, .	4.2	24
30	An evaporation estimation method based on the coupled 2-D turbulent heat and vapor transport equations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	10
31	Estimating spatially distributed monthly evapotranspiration rates by linear transformations of MODIS daytime land surface temperature data. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 629-637.	4.9	9
32	Mixing properties of a shallow basin due to wind-induced chaotic flow. <i>Advances in Water Resources</i> , 2008, 31, 525-534.	3.8	16
33	New findings about the complementary relationship-based evaporation estimation methods. <i>Journal of Hydrology</i> , 2008, 354, 171-186.	5.4	91
34	Analysing sludge balance in activated sludge systems with a novel mass transport model. <i>Water Science and Technology</i> , 2008, 57, 1413-1419.	2.5	9
35	Particle tracking velocimetry (PTV) and its application to analyse free surface flows in laboratory scale models. <i>Periodica Polytechnica: Civil Engineering</i> , 2008, 52, 63.	0.6	13
36	Numerical and laboratory investigation of the hydrodynamic complexity of a river confluence. <i>Periodica Polytechnica: Civil Engineering</i> , 2007, 51, 3.	0.6	7

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37	Solution-adaptivity in modelling complex shallow flows. Computers and Fluids, 2007, 36, 562-577.	2.5	23
38	Numerical simulation of internal boundary-layer development and comparison with atmospheric data. Boundary-Layer Meteorology, 2007, 123, 159-175.	2.3	18
39	The shallow flow equations solved on adaptive quadtree grids. International Journal for Numerical Methods in Fluids, 2001, 37, 691-719.	1.6	22
40	Adaptive quadtree model of shallow-flow hydrodynamics. Journal of Hydraulic Research/De Recherches Hydrauliques, 2001, 39, 413-424.	1.7	25
41	HydroWeb: a WWW based collaborative engineering in hydroscience™ a European education experiment in the Internet. Journal of Hydroinformatics, 2001, 3, 239-243.	2.4	3
42	A Calibration-Free Evapotranspiration Mapping (CREMAP) Technique. , 0, , .		14
43	Effect of tributary inflow on reservoir turbidity current. Environmental Fluid Mechanics, 0, , .	1.6	0