

JÃ¡nos JÃ³zsa

List of Publications by Year in descending order

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43
papers

1,002
citations

394421

19
h-index

454955

30
g-index

44
all docs

44
docs citations

44
times ranked

1198
citing authors

#	ARTICLE	IF	CITATIONS
1	Water balance analysis for the Tonle Sap Lake floodplain system. <i>Hydrological Processes</i> , 2014, 28, 1722-1733.	2.6	161
2	New findings about the complementary relationship-based evaporation estimation methods. <i>Journal of Hydrology</i> , 2008, 354, 171-186.	5.4	91
3	Mapping mean annual groundwater recharge in the Nebraska Sand Hills, USA. <i>Hydrogeology Journal</i> , 2011, 19, 1503-1513.	2.1	63
4	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
5	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
6	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
7	Modified Advection-Aridity Model of Evapotranspiration. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 569-574.	1.9	38
8	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
9	MODIS-Aided Statewide Net Groundwater Recharge Estimation in Nebraska. <i>Ground Water</i> , 2013, 51, 735-744.	1.3	31
10	Estimation of Suspended Sediment Concentrations with Adcp in Danube River. <i>Journal of Hydrology and Hydromechanics</i> , 2013, 61, 232-240.	2.0	27
11	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
12	Adaptive quadtree model of shallow-flow hydrodynamics. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2001, 39, 413-424.	1.7	25
13	Complementary relationship of evaporation and the mean annual water energy balance. <i>Water Resources Research</i> , 2009, 45, .	4.2	24
14	Evapotranspiration Trends (1979-2015) in the Central Valley of California, USA: Contrasting Tendencies During 1981-2007. <i>Water Resources Research</i> , 2018, 54, 5620-5635.	4.2	24
15	Solution-adaptivity in modelling complex shallow flows. <i>Computers and Fluids</i> , 2007, 36, 562-577.	2.5	23
16	The shallow flow equations solved on adaptive quadtree grids. <i>International Journal for Numerical Methods in Fluids</i> , 2001, 37, 691-719.	1.6	22
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Numerical simulation of internal boundary-layer development and comparison with atmospheric data. <i>Boundary-Layer Meteorology</i> , 2007, 123, 159-175.	2.3	18
21	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
22	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
23	A Calibration-Free Evapotranspiration Mapping (CREMAP) Technique. , 0, , .		14
24	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
25	A Shear Reynolds Number-Based Classification Method of the Nonuniform Bed Load Transport. <i>Water (Switzerland)</i> , 2019, 11, 73.	2.7	13
26	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
27	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
28	An evaporation estimation method based on the coupled 2D turbulent heat and vapor transport equations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	10
29	Habitat mapping of riverine fish by means of hydromorphological tools. <i>Ecohydrology</i> , 2018, 11, e2009.	2.4	10
30	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
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	Numerical and laboratory investigation of the hydrodynamic complexity of a river confluence. <i>Periodica Polytechnica: Civil Engineering</i> , 2007, 51, 3.	0.6	7
33	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
34	Identifying wave and turbulence components in wind-driven shallow basins. <i>Periodica Polytechnica: Civil Engineering</i> , 2012, 56, 87.	0.6	6
35	Sediment Flux and Its Environmental Implications. <i>Journal of Environmental Informatics</i> , 2014, 24, 111-120.	6.0	6
36	Variable density bore interaction with block obstacles. <i>International Journal of Computational Fluid Dynamics</i> , 2011, 25, 223-237.	1.2	5

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37	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
38	HydroWeb: â€˜WWW based collaborative engineering in hydroscienceâ€™â€™a European education experiment in the Internet. <i>Journal of Hydroinformatics</i> , 2001, 3, 239-243.	2.4	3
39	Measurement-based hydrodynamic characterisation of reed â€œ open water interface zones in shallow lake environment. <i>Periodica Polytechnica: Civil Engineering</i> , 2014, 58, 229-241.	0.6	3
40	Detecting the chaotic nature of advection in complex river flows. <i>Periodica Polytechnica: Civil Engineering</i> , 2012, 56, 97.	0.6	2
41	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
42	Wind profile and shear stress at reed-open water interface â€œ recent research achievements in Lake Fertâ€. <i>Pollack Periodica</i> , 2015, 10, 107-122.	0.4	1
43	Effect of tributary inflow on reservoir turbidity current. <i>Environmental Fluid Mechanics</i> , 0, , .	1.6	0