

Jonathan W F Remo

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

944
citations

516561

16
h-index

501076

28
g-index

30
all docs

30
docs citations

30
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	Climatic control of Mississippi River flood hazard amplified by river engineering. <i>Nature</i> , 2018, 556, 95-98.	13.7	202
2	Flood trends and river engineering on the Mississippi River system. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	83
3	Hydraulic and flood-loss modeling of levee, floodplain, and river management strategies, Middle Mississippi River, USA. <i>Natural Hazards</i> , 2012, 61, 551-575.	1.6	74
4	The use of retro- and scenario-modeling to assess effects of 100+ years river of engineering and land-cover change on Middle and Lower Mississippi River flood stages. <i>Journal of Hydrology</i> , 2009, 376, 403-416.	2.3	64
5	Strategic floodplain reconnection for the Lower Tisza River, Hungary: Opportunities for flood-height reduction and floodplain-wetland reconnection. <i>Journal of Hydrology</i> , 2015, 521, 274-285.	2.3	49
6	Retro-modeling the Middle Mississippi River. <i>Journal of Hydrology</i> , 2007, 337, 421-435.	2.3	47
7	Evaluation of levee setbacks for flood-loss reduction, Middle Mississippi River, USA. <i>Journal of Hydrology</i> , 2012, 450-451, 1-8.	2.3	47
8	Hazus-MH earthquake modeling in the central USA. <i>Natural Hazards</i> , 2012, 63, 1055-1081.	1.6	44
9	Cumulative impacts of river engineering, Mississippi and Lower Missouri rivers. <i>River Research and Applications</i> , 2010, 26, 546-571.	0.7	38
10	Tradeoffs of strategically reconnecting rivers to their floodplains: The case of the Lower Illinois River (USA). <i>Science of the Total Environment</i> , 2016, 572, 43-55.	3.9	37
11	Assessing Illinois's flood vulnerability using Hazus-MH. <i>Natural Hazards</i> , 2016, 81, 265-287.	1.6	34
12	Modeling residual flood risk behind levees, Upper Mississippi River, USA. <i>Environmental Science and Policy</i> , 2016, 58, 131-140.	2.4	28
13	Hydrologic history of the Mississippi and Lower Missouri Rivers based upon a refined specific gauge approach. <i>Hydrological Processes</i> , 2008, 22, 4436-4447.	1.1	27
14	Assessing the impacts of dams and levees on the hydrologic record of the Middle and Lower Mississippi River, USA. <i>Geomorphology</i> , 2018, 313, 88-100.	1.1	23
15	Evaluating levee failure susceptibility on the Mississippi River using logistic regression analysis. <i>Engineering Geology</i> , 2010, 116, 139-148.	2.9	17
16	Assessment of chevron dikes for the enhancement of physical-aquatic habitat within the Middle Mississippi River, USA. <i>Journal of Hydrology</i> , 2013, 501, 146-162.	2.3	17
17	Assessing trends in lower tropospheric heat content in the central United States using equivalent temperature. <i>International Journal of Climatology</i> , 2015, 35, 2828-2836.	1.5	16
18	Improving flood preparedness using hydrodynamic levee breach and inundation modelling: Middle Mississippi River, USA. <i>Journal of Flood Risk Management</i> , 2015, 8, 2-18.	1.6	15

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19	Particle size distribution of main-channel-bed sediments along the upper Mississippi River, USA. <i>Geomorphology</i> , 2016, 264, 118-131.	1.1	14
20	Screening the Suitability of Levee Protected Areas for Strategic Floodplain Reconnection Along the LaGrange Segment of the Illinois River, USA. <i>River Research and Applications</i> , 2017, 33, 863-878.	0.7	11
21	Temporal and spatial patterns of sedimentation within the batture lands of the middle Mississippi River, USA. <i>Geomorphology</i> , 2018, 308, 129-141.	1.1	11
22	New Databases Reveal 200 Years of Change on the Mississippi River System. <i>Eos</i> , 2008, 89, 134-135.	0.1	10
23	Towards dynamic flow regime management for floodplain restoration in the Atchafalaya River Basin, Louisiana. <i>Environmental Science and Policy</i> , 2016, 64, 118-128.	2.4	10
24	Theoretical Analysis of Wing Dike Impact on River Flood Stages. <i>Journal of Hydraulic Engineering</i> , 2013, 139, 550-556.	0.7	8
25	Applying geospatial tools to assess the agricultural value of Lower Illinois River floodplain levee districts. <i>Applied Geography</i> , 2016, 74, 123-135.	1.7	6
26	The ups and downs of levees: GPS-based change detection, Middle Mississippi River, USA. <i>Geology</i> , 2011, 39, 55-58.	2.0	5
27	Flood-loss modelling for assessing impacts of flood-frequency adjustment, Middle Mississippi River, USA. <i>Hydrological Processes</i> , 2012, 26, 2997-3002.	1.1	4
28	What does nature have to do with it? Reconsidering distinctions in international disaster response frameworks in the Danube basin. <i>Natural Hazards and Earth System Sciences</i> , 2017, 17, 2151-2162.	1.5	3
29	Closure to "Theoretical Analysis of Wing Dike Impact on River Flood Stages" by Fredrik Huthoff, Nicholas Pinter, and Jonathan W. F. Remo. <i>Journal of Hydraulic Engineering</i> , 2014, 140, 07014015.	0.7	0