

Nicholas BrozoviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,152
citations

218677

26
h-index

214800

47
g-index

51
all docs

51
docs citations

51
times ranked

3124
citing authors

#	ARTICLE	IF	CITATIONS
1	Bedrock incision, rock uplift and threshold hillslopes in the northwestern Himalayas. <i>Nature</i> , 1996, 379, 505-510.	27.8	986
2	Climatic Limits on Landscape Development in the Northwestern Himalaya. <i>Science</i> , 1997, 276, 571-574.	12.6	371
3	Interactions of growing folds and coeval depositional systems. <i>Basin Research</i> , 1996, 8, 199-223.	2.7	213
4	AquaCrop-OS: An open source version of FAO's crop water productivity model. <i>Agricultural Water Management</i> , 2017, 181, 18-22.	5.6	142
5	On the spatial nature of the groundwater pumping externality. <i>Resources and Energy Economics</i> , 2010, 32, 154-164.	2.5	114
6	Dynamic fluvial systems and gravel progradation in the Himalayan foreland. <i>Bulletin of the Geological Society of America</i> , 2000, 112, 394-412.	3.3	111
7	The regulation of a spatially heterogeneous externality: Tradable groundwater permits to protect streams. <i>Journal of Environmental Economics and Management</i> , 2013, 66, 364-382.	4.7	82
8	Satellite-Based Monitoring of Irrigation Water Use: Assessing Measurement Errors and Their Implications for Agricultural Water Management Policy. <i>Water Resources Research</i> , 2020, 56, e2020WR028378.	4.2	80
9	The role of groundwater trading in spatial water management. <i>Agricultural Water Management</i> , 2014, 145, 50-60.	5.6	69
10	Reconstructing the exhumation history of the Lesser Himalaya, NW India, from a multitechnique provenance study of the foreland basin Siwalik Group. <i>Tectonics</i> , 2009, 28, .	2.8	67
11	Modeling irrigation behavior in groundwater systems. <i>Water Resources Research</i> , 2014, 50, 6370-6389.	4.2	66
12	The use of semi-structured interviews for the characterisation of farmer irrigation practices. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1911-1924.	4.9	51
13	Analysis of the impacts of well yield and groundwater depth on irrigated agriculture. <i>Journal of Hydrology</i> , 2015, 523, 86-96.	5.4	50
14	Simulating Crop-Water Production Functions Using Crop Growth Models to Support Water Policy Assessments. <i>Ecological Economics</i> , 2018, 152, 9-21.	5.7	50
15	Estimating business and residential water supply interruption losses from catastrophic events. <i>Water Resources Research</i> , 2007, 43, .	4.2	47
16	Evaluating the impacts of farmers' behaviors on a hypothetical agricultural water market based on double auction. <i>Water Resources Research</i> , 2017, 53, 4053-4072.	4.2	43
17	Optimal management of an ecosystem with an unknown threshold. <i>Ecological Economics</i> , 2011, 70, 627-640.	5.7	42
18	Examining the Demand for Ecosystem Services: The Value of Stream Restoration for Drinking Water Treatment Managers in the Llobregat River, Spain. <i>Ecological Economics</i> , 2013, 90, 196-205.	5.7	39

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19	Effects of initial aquifer conditions on economic benefits from groundwater conservation. <i>Water Resources Research</i> , 2017, 53, 744-762.	4.2	39
20	Assessing the Socioeconomic Impacts of Wetland Mitigation in the Chicago Region. <i>Journal of the American Planning Association</i> , 2007, 73, 263-282.	1.7	34
21	Determinants of Spatial and Temporal Patterns in Compensatory Wetland Mitigation. <i>Environmental Management</i> , 2007, 40, 349-364.	2.7	34
22	Assessing landscape scale heterogeneity in irrigation water use with remote sensing and in situ monitoring. <i>Environmental Research Letters</i> , 2019, 14, 024004.	5.2	33
23	Including Farmer Irrigation Behavior in a Sociohydrological Modeling Framework With Application in North India. <i>Water Resources Research</i> , 2018, 54, 4849-4866.	4.2	31
24	Spatially explicit tools for understanding and sustaining inland water ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 47-55.	4.0	30
25	The Social Impacts of Wetland Mitigation Policies in the United States. <i>Journal of Planning Literature</i> , 2008, 22, 341-357.	3.5	30
26	Why well yield matters for managing agricultural drought risk. <i>Weather and Climate Extremes</i> , 2015, 10, 11-19.	4.1	29
27	Factors determining the economic value of groundwater. <i>Hydrogeology Journal</i> , 2012, 20, 821-829.	2.1	28
28	Modeling Regional Externalities with Heterogeneous Incentives and Fixed Boundaries: Applications to Foot and Mouth Disease Control in South America*. <i>Applied Economic Perspectives and Policy</i> , 2005, 27, 456-464.	1.0	22
29	Price Elasticity of Groundwater Demand: Attenuation and Amplification Bias Due to Incomplete Information. <i>American Journal of Agricultural Economics</i> , 2017, 99, 401-426.	4.3	20
30	Water Quality Trading with Lumpy Investments, Credit Stacking, and Ancillary Benefits. <i>Journal of the American Water Resources Association</i> , 2014, 50, 83-100.	2.4	19
31	Controlling Groundwater Exploitation Through Economic Instruments: Current Practices, Challenges and Innovative Approaches. , 2016, , 551-581.		19
32	The impact of land cover on groundwater recharge in the High Plains: An application to the Conservation Reserve Program. <i>Science of the Total Environment</i> , 2019, 696, 133871.	8.0	18
33	Changing Ecosystem Service Values Following Technological Change. <i>Environmental Management</i> , 2014, 53, 1146-1157.	2.7	16
34	The buffer value of groundwater when well yield is limited. <i>Journal of Hydrology</i> , 2017, 547, 638-649.	5.4	13
35	Regionalization and foot-and-mouth disease control in South America: Lessons from spatial models of coordination and interactions. <i>Quarterly Review of Economics and Finance</i> , 2005, 45, 526-540.	2.7	12
36	Hydrologic-Economic Tradeoffs in Groundwater Allocation Policy Design. <i>Water Resources Research</i> , 2021, 57, .	4.2	12

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37	Design and Implementation of Markets for Groundwater Pumping Rights. <i>Global Issues in Water Policy</i> , 2014, , 283-303.	0.1	11
38	Effects of instantaneous groundwater availability on irrigated agriculture and implications for aquifer management. <i>Resources and Energy Economics</i> , 2020, 59, 101129.	2.5	11
39	Agricultural Water Security and Instream Flows for Endangered Species. <i>American Journal of Agricultural Economics</i> , 2011, 93, 1212-1228.	4.3	10
40	Defensive purchasing, the safety (dis)advantage of light trucks, and motor-vehicle policy effectiveness. <i>Transportation Research Part B: Methodological</i> , 2009, 43, 477-493.	5.9	9
41	Parameter Estimation for Groundwater Models under Uncertain Irrigation Data. <i>Ground Water</i> , 2015, 53, 614-625.	1.3	8
42	Correction to "Reconstructing the exhumation history of the Lesser Himalaya, NW India, from a multitechnique provenance study of the foreland basin Siwalik Group". <i>Tectonics</i> , 2010, 29, n/a-n/a.	2.8	7
43	Analytical hydrologic models and the design of policy instruments for groundwater-quality management. <i>Hydrogeology Journal</i> , 2012, 20, 957-972.	2.1	6
44	INNOVATIONS IN GROUNDWATER MANAGEMENT: SMART MARKETS FOR TRANSFERABLE GROUNDWATER EXTRACTION RIGHTS. <i>Technology and Innovation</i> , 2016, 17, 219-226.	0.2	5
45	Optimal Management of Environmental Externalities with Time Lags and Uncertainty. <i>Environmental and Resource Economics</i> , 2017, 68, 473-499.	3.2	5
46	Spatial Dynamic Optimization of Groundwater Use with Ecological Standards for Instream Flow. <i>Water Economics and Policy</i> , 2016, 02, 1650013.	1.0	4
47	Informing drought mitigation policy by estimating the value of water for crop production. <i>Environmental Research Communications</i> , 2021, 3, 041004.	2.3	2
48	Preface: Economics of groundwater management. <i>Hydrogeology Journal</i> , 2012, 20, 817-820.	2.1	1
49	Groundwater Scarcity. , 2017, , 332-350.		1
50	The Role of Search Frictions and Trading Ratios in Tradable Permit Markets. <i>Environmental and Resource Economics</i> , 0, , 1.	3.2	1