

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	Hydrologicâ€Economic Tradeâ€Eoffs in Groundwater Allocation Policy Design. <i>Water Resources Research</i> , 2021, 57, .	4.2	12
2	Informing drought mitigation policy by estimating the value of water for crop production. <i>Environmental Research Communications</i> , 2021, 3, 041004.	2.3	2
3	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
4	Satelliteâ€EBased 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
5	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
6	Assessing landscape scale heterogeneity in irrigation water use with remote sensing and<i>in situ</i> monitoring. <i>Environmental Research Letters</i> , 2019, 14, 024004.	5.2	33
7	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
8	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
9	The buffer value of groundwater when well yield is limited. <i>Journal of Hydrology</i> , 2017, 547, 638-649.	5.4	13
10	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
11	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
12	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
13	Effects of initial aquifer conditions on economic benefits from groundwater conservation. <i>Water Resources Research</i> , 2017, 53, 744-762.	4.2	39
14	Optimal Management of Environmental Externalities with Time Lags and Uncertainty. <i>Environmental and Resource Economics</i> , 2017, 68, 473-499.	3.2	5
15	Groundwater Scarcity. , 2017, , 332-350.		1
16	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
17	Spatial Dynamic Optimization of Groundwater Use with Ecological Standards for Instream Flow. <i>Water Economics and Policy</i> , 2016, 02, 1650013.	1.0	4
18	INNOVATIONS IN GROUNDWATER MANAGEMENT: SMART MARKETS FOR TRANSFERABLE GROUNDWATER EXTRACTION RIGHTS. <i>Technology and Innovation</i> , 2016, 17, 219-226.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Controlling Groundwater Exploitation Through Economic Instruments: Current Practices, Challenges and Innovative Approaches. , 2016, , 551-581.		19
20	Why well yield matters for managing agricultural drought risk. Weather and Climate Extremes, 2015, 10, 11-19.	4.1	29
21	Parameter Estimation for Groundwater Models under Uncertain Irrigation Data. Ground Water, 2015, 53, 614-625.	1.3	8
22	Analysis of the impacts of well yield and groundwater depth on irrigated agriculture. Journal of Hydrology, 2015, 523, 86-96.	5.4	50
23	Design and Implementation of Markets for Groundwater Pumping Rights. Global Issues in Water Policy, 2014, , 283-303.	0.1	11
24	Water Quality Trading with Lumpy Investments, Credit Stacking, and Ancillary Benefits. Journal of the American Water Resources Association, 2014, 50, 83-100.	2.4	19
25	The role of groundwater trading in spatial water management. Agricultural Water Management, 2014, 145, 50-60.	5.6	69
26	Changing Ecosystem Service Values Following Technological Change. Environmental Management, 2014, 53, 1146-1157.	2.7	16
27	Modeling irrigation behavior in groundwater systems. Water Resources Research, 2014, 50, 6370-6389.	4.2	66
28	Examining the Demand for Ecosystem Services: The Value of Stream Restoration for Drinking Water Treatment Managers in the Llobregat River, Spain. Ecological Economics, 2013, 90, 196-205.	5.7	39
29	The regulation of a spatially heterogeneous externality: Tradable groundwater permits to protect streams. Journal of Environmental Economics and Management, 2013, 66, 364-382.	4.7	82
30	Factors determining the economic value of groundwater. Hydrogeology Journal, 2012, 20, 821-829.	2.1	28
31	Preface: Economics of groundwater management. Hydrogeology Journal, 2012, 20, 817-820.	2.1	1
32	Analytical hydrologic models and the design of policy instruments for groundwater-quality management. Hydrogeology Journal, 2012, 20, 957-972.	2.1	6
33	Optimal management of an ecosystem with an unknown threshold. Ecological Economics, 2011, 70, 627-640.	5.7	42
34	Agricultural Water Security and Instream Flows for Endangered Species. American Journal of Agricultural Economics, 2011, 93, 1212-1228.	4.3	10
35	On the spatial nature of the groundwater pumping externality. Resources and Energy Economics, 2010, 32, 154-164.	2.5	114
36	Correction to "Reconstructing the exhumation history of the Lesser Himalaya, NW India, from a multitechnique provenance study of the foreland basin Siwalik Group". Tectonics, 2010, 29, n/a-n/a.	2.8	7

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37	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
38	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
39	The Social Impacts of Wetland Mitigation Policies in the United States. <i>Journal of Planning Literature</i> , 2008, 22, 341-357.	3.5	30
40	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
41	Estimating business and residential water supply interruption losses from catastrophic events. <i>Water Resources Research</i> , 2007, 43, .	4.2	47
42	Determinants of Spatial and Temporal Patterns in Compensatory Wetland Mitigation. <i>Environmental Management</i> , 2007, 40, 349-364.	2.7	34
43	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
44	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
45	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
46	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
47	Climatic Limits on Landscape Development in the Northwestern Himalaya. <i>Science</i> , 1997, 276, 571-574.	12.6	371
48	Interactions of growing folds and coeval depositional systems. <i>Basin Research</i> , 1996, 8, 199-223.	2.7	213
49	Bedrock incision, rock uplift and threshold hillslopes in the northwestern Himalayas. <i>Nature</i> , 1996, 379, 505-510.	27.8	986
50	The Role of Search Frictions and Trading Ratios in Tradable Permit Markets. <i>Environmental and Resource Economics</i> , 0, , 1.	3.2	1