# Ruopu Li

List of Publications by Year
in descending order



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|---|---|---|---|
| 37 papers | 947 citations | 471061 17 h-index | 454577 30 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 1473 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Assessing Social Media Communications of Local Governments in Fast-Growing U.S. Cities. Professional Geographer, 2021, 73, 702-712. | 1.0 | 1 |
| 2 | Assessing the impacts of anthropogenic drainage structures on hydrologic connectivity using highâ€resolution digital elevation models. Transactions in GIS, 2021, 25, 2596-2611. | 1.0 | 2 |
| 3 | Antibacterial activity of Î³Fe 2 O 3 /TiO 2 nanoparticles on toxic cyanobacteria from a lake in Southern Illinois. Water Environment Research, 2021, 93, 2807-2818. | 1.3 | 4 |
| 4 | Classification and Feature Extraction for Hydraulic Structures Data Using Advanced CNN Architectures. , 2021, , . | | 2 |
| 5 | Is the just transition socially accepted? Energy history, place, and support for coal and solar in Illinois, Texas, and Vermont. Energy Research and Social Science, 2020, 59, 101309. | 3.0 | 60 |
| 6 | Challenges and Opportunities for Coping with the Smart Divide in Rural America. Annals of the American Association of Geographers, 2020, 110, 559-570. | 1.5 | 9 |
| 7 | Can Managed Aquifer Recharge Mitigate the Groundwater Overdraft in California's Central Valley?. Water Resources Research, 2020, 56, e2020WR027244. | 1.7 | 30 |
| 8 | Assessment and validation of confined aquifer vulnerability based on the VEBHAT method: a case study in Heilongjiang Province, northeastern China. Hydrogeology Journal, 2019, 27, 2551-2561. | 0.9 | 3 |
| 9 | Remote Sensing-Based Assessment of the Crop, Energy and Water Nexus in the Central Valley, California. Remote Sensing, 2019, 11, 1701. | 1.8 | 12 |
| 10 | Estimating High-Resolution Groundwater Storage from GRACE: A Random Forest Approach. Environments - MDPI, 2019, 6, 63. | 1.5 | 32 |
| 11 | Beyond big data: Social media challenges and opportunities for understanding social perception of energy. Energy Research and Social Science, 2019, 56, 101217. | 3.0 | 35 |
| 12 | A new stochastic simulation algorithm for image-based classification: Feature-space indicator simulation. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 152, 145-165. | 4.9 | 4 |
| 13 | Landscape ecology development supported by geospatial technologies: A review. Ecological Informatics, 2019, 51, 185-192. | 2.3 | 42 |
| 14 | A review on drone-based harmful algae blooms monitoring. Environmental Monitoring and Assessment, 2019, 191, 211. | 1.3 | 51 |
| 15 | Climate change impacts on groundwater storage in the Central Valley, California. Climatic Change, 2019, 157, 387-406. | 1.7 | 30 |
| 16 | A cyberGIS-enabled multi-criteria spatial decision support system: A case study on flood emergency management. International Journal of Digital Earth, 2019, 12, 1364-1381. | 1.6 | 31 |
| 17 | Current development of landscape geochemistry with support of geospatial technologies: A review. Critical Reviews in Environmental Science and Technology, 2019, 49, 745-790. | 6.6 | 3 |
| 18 | Planning the next-generation biofuel crops based on soil-water constraints. Biomass and Bioenergy, 2018, 115, 19-26. | 2.9 | 6 |

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|---|---|---|---|
| 19 | Detection of gullies in Fort Riley military installation using LiDAR derived high resolution DEM. Journal of Terramechanics, 2018, 77, 15-22. | 1.4 | 13 |
| 20 | Evaluation of Groundwater Resources in Response to Agricultural Management Scenarios in the Central Valley, California. Journal of Water Resources Planning and Management - ASCE, 2018, 144, . | 1.3 | 21 |
| 21 | Groundwater vulnerability assessment based on modified DRASTIC model: a case study in Changli County, China. Geocarto International, 2017, 32, 749-758. | 1.7 | 18 |
| 22 | Evaluating climate and soil effects on regional soil moisture spatial variability using <scp>EOF</scp>s. Water Resources Research, 2017, 53, 4022-4035. | 1.7 | 53 |
| 23 | Modeling Urban PM2.5 Concentration by Combining Regression Models and Spectral Unmixing Analysis in a Region of East China. Water, Air, and Soil Pollution, 2017, 228, 1. | 1.1 | 2 |
| 24 | Spatial patterns of soil moisture from two regional monitoring networks in the United States. Journal of Hydrology, 2017, 552, 578-585. | 2.3 | 25 |
| 25 | Land Use Classification: A Surface Energy Balance and Vegetation Index Application to Map and Monitor Irrigated Lands. Remote Sensing, 2017, 9, 1256. | 1.8 | 20 |
| 26 | Evaluating Hydrologically Connected Surface Water and Groundwater Using a Groundwater Model. Journal of the American Water Resources Association, 2016, 52, 799-805. | 1.0 | 7 |
| 27 | A MODFLOW package to linearize stream depletion analysis. Journal of Hydrology, 2016, 532, 9-15. | 2.3 | 5 |
| 28 | Classification of irrigated and non-irrigated cropland using object-based image analysis: A case study in south-central Nebraska. , 2016, , . | | 1 |
| 29 | A Geospatial Approach for Prioritizing Wind Farm Development in Northeast Nebraska, USA. ISPRS International Journal of Geo-Information, 2014, 3, 968-979. | 1.4 | 45 |
| 30 | Capturing Li<scp>DAR</scp>â€Derived Hydrologic Spatial Parameters to Evaluate Playa Wetlands. Journal of the American Water Resources Association, 2014, 50, 234-245. | 1.0 | 18 |
| 31 | Projected climate regime shift under future global warming from multi-model, multi-scenario CMIP5 simulations. Global and Planetary Change, 2014, 112, 41-52. | 1.6 | 169 |
| 32 | Reviewing models of land availability and dynamics for biofuel crops in the United States and the European Union. Biofuels, Bioproducts and Biorefining, 2013, 7, 666-684. | 1.9 | 8 |
| 33 | Modeling vulnerability of groundwater to pollution under future scenarios of climate change and biofuels-related land use change: A case study in North Dakota, USA. Science of the Total Environment, 2013, 447, 32-45. | 3.9 | 91 |
| 34 | Drainage Structure Datasets and Effects on LiDAR-Derived Surface Flow Modeling. ISPRS International Journal of Geo-Information, 2013, 2, 1136-1152. | 1.4 | 16 |
| 35 | Developing a Restorable Wetland Index for Rainwater Basin Wetlands in South-Central Nebraska: A Multi-Criteria Spatial Analysis. Wetlands, 2012, 32, 975-984. | 0.7 | 17 |
| 36 | A geospatial modeling framework for assessing biofuels-related land-use and land-cover change. Agriculture, Ecosystems and Environment, 2012, 161, 17-26. | 2.5 | 35 |

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|---|---|---|---|
| 37 | Examining locally driven climate change policy efforts in three Pacific states. Ocean and Coastal Management, 2011, 54, 415-426. | 2.0 | 26 |