

# Patrick Keys

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5865212/publications.pdf>

Version: 2024-02-01

26  
papers

1,764  
citations

331670

21  
h-index

580821

25  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precipitation extremes and the impacts of climate change on stormwater infrastructure in Washington State. <i>Climatic Change</i> , 2010, 102, 319-349.	3.6	177
2	Analyzing precipitationsheds to understand the vulnerability of rainfall dependent regions. <i>Biogeosciences</i> , 2012, 9, 733-746.	3.3	135
3	Anthropocene risk. <i>Nature Sustainability</i> , 2019, 2, 667-673.	23.7	133
4	Contrasting roles of interception and transpiration in the hydrological cycle – Part 2: Moisture recycling. <i>Earth System Dynamics</i> , 2014, 5, 471-489.	7.1	127
5	Global root zone storage capacity from satellite-based evaporation. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1459-1481.	4.9	107
6	Tiered Approach to Resilience Assessment. <i>Risk Analysis</i> , 2018, 38, 1772-1780.	2.7	105
7	The Water Planetary Boundary: Interrogation and Revision. <i>One Earth</i> , 2020, 2, 223-234.	6.8	98
8	Revealing Invisible Water: Moisture Recycling as an Ecosystem Service. <i>PLoS ONE</i> , 2016, 11, e0151993.	2.5	97
9	A planetary boundary for green water. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 380-392.	29.7	95
10	Radical ocean futures-scenario development using science fiction prototyping. <i>Futures</i> , 2018, 95, 22-32.	2.5	87
11	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020, 56, e2019WR024957.	4.2	86
12	Variability of moisture recycling using a precipitationsheds framework. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 3937-3950.	4.9	79
13	Remote land use impacts on river flows through atmospheric teleconnections. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4311-4328.	4.9	79
14	Approaching moisture recycling governance. <i>Global Environmental Change</i> , 2017, 45, 15-23.	7.8	62
15	Rising Temperatures Increase Importance of Oceanic Evaporation as a Source for Continental Precipitation. <i>Journal of Climate</i> , 2019, 32, 7713-7726.	3.2	37
16	Exploring the future of fishery conflict through narrative scenarios. <i>One Earth</i> , 2021, 4, 386-396.	6.8	29
17	Megacity precipitationsheds reveal tele-connected water security challenges. <i>PLoS ONE</i> , 2018, 13, e0194311.	2.5	27
18	On the social dynamics of moisture recycling. <i>Earth System Dynamics</i> , 2018, 9, 829-847.	7.1	26

#	ARTICLE	IF	CITATIONS
19	Invisible water security: Moisture recycling and water resilience. <i>Water Security</i> , 2019, 8, 100046.	2.5	26
20	A machine-learning approach to human footprint index estimation with applications to sustainable development. <i>Environmental Research Letters</i> , 2021, 16, 044061.	5.2	26
21	Preparing for climate change in Washington State. <i>Climatic Change</i> , 2010, 102, 351-376.	3.6	23
22	Green water and African sustainability. <i>Food Security</i> , 2018, 10, 537-548.	5.3	23
23	Challenges and opportunities towards improved application of the planetary boundary for land-system change in life cycle assessment of products. <i>Science of the Total Environment</i> , 2019, 696, 133964.	8.0	19
24	Seasonal Variations in Moisture Origin Explain Spatial Contrast in Precipitation Isotope Seasonality on Coastal Western Greenland. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033543.	3.3	11
25	Conditional Relationships Between Drought and Civil Conflict in Sub-Saharan Africa. <i>Foreign Policy Analysis</i> , 0, , orw002.	1.0	9
26	Visions of the Arctic Future: Blending Computational Text Analysis and Structured Futuring to Create Story-Based Scenarios. <i>Earth's Future</i> , 2022, 10, .	6.3	4