

# Charles J VÃ¶rÃ¶smarty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4627131/publications.pdf>

Version: 2024-02-01

15  
papers

6,256  
citations

623734

14  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

7291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Humans on the Flux of Terrestrial Sediment to the Global Coastal Ocean. <i>Science</i> , 2005, 308, 376-380.	12.6	2,219
2	Sinking deltas due to human activities. <i>Nature Geoscience</i> , 2009, 2, 681-686.	12.9	1,823
3	Anthropogenic sediment retention: major global impact from registered river impoundments. <i>Global and Planetary Change</i> , 2003, 39, 169-190.	3.5	1,048
4	Analysis of the Arctic System for Freshwater Cycle Intensification: Observations and Expectations. <i>Journal of Climate</i> , 2010, 23, 5715-5737.	3.2	303
5	Global irrigation water demand: Variability and uncertainties arising from agricultural and climate data sets. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	235
6	Earth's sediment cycle during the Anthropocene. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 179-196.	29.7	149
7	Analyzing the discharge regime of a large tropical river through remote sensing, ground-based climatic data, and modeling. <i>Water Resources Research</i> , 1996, 32, 3137-3150.	4.2	124
8	Protected areas and freshwater provisioning: a global assessment of freshwater provision, threats and management strategies to support human water security. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 103-120.	2.0	90
9	A model of water and sediment balance as determinants of relative sea level rise in contemporary and future deltas. <i>Geomorphology</i> , 2018, 305, 209-220.	2.6	90
10	An arctic hydrologic system in transition: Feedbacks and impacts on terrestrial, marine, and human life. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	69
11	A neural network based general reservoir operation scheme. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 1151-1166.	4.0	44
12	International Year of Deltas 2013: A proposal. <i>Eos</i> , 2011, 92, 340-341.	0.1	26
13	History of nutrient inputs to the northeastern United States, 1930–2000. <i>Global Biogeochemical Cycles</i> , 2013, 27, 578-591.	4.9	16
14	Assessment of regional threats to human water security adopting the global framework: A case study in South Korea. <i>Science of the Total Environment</i> , 2018, 637-638, 1413-1422.	8.0	15
15	Blazing New Paths for Inter disciplinary Hydrology. <i>Eos</i> , 2010, 91, 53-54.	0.1	5