

# Ji-Hyung Park

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

853  
citations

516710

16  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential effects of climate change and variability on watershed biogeochemical processes and water quality in Northeast Asia. <i>Environment International</i> , 2010, 36, 212-225.	10.0	166
2	Differential storm responses of dissolved and particulate organic carbon in a mountainous headwater stream, investigated by high-frequency, in situ optical measurements. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	85
3	Storm pulses and varying sources of hydrologic carbon export from a mountainous watershed. <i>Journal of Hydrology</i> , 2012, 440-441, 90-101.	5.4	59
4	Reviews and syntheses: Anthropogenic perturbations to carbon fluxes in Asian river systems – concepts, emerging trends, and research challenges. <i>Biogeosciences</i> , 2018, 15, 3049-3069.	3.3	55
5	CO <sub>2</sub> Outgassing from an Urbanized River System Fueled by Wastewater Treatment Plant Effluents. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10459-10467.	10.0	51
6	Variability of water quality and metal pollution index in the Ganges River, Bangladesh. <i>Environmental Science and Pollution Research</i> , 2020, 27, 42582-42599.	5.3	49
7	Longitudinal discontinuities in riverine greenhouse gas dynamics generated by dams and urban wastewater. <i>Biogeosciences</i> , 2018, 15, 6349-6369.	3.3	48
8	Implications of rainfall variability for seasonality and climate-induced risks concerning surface water quality in East Asia. <i>Journal of Hydrology</i> , 2011, 400, 323-332.	5.4	41
9	Erosion-induced changes in soil biogeochemical and microbiological properties in Swiss Alpine grasslands. <i>Soil Biology and Biochemistry</i> , 2014, 69, 382-392.	8.8	39
10	A multi-radionuclide approach to evaluate the suitability of <sup>239+240</sup> Pu as soil erosion tracer. <i>Science of the Total Environment</i> , 2016, 566-567, 1489-1499.	8.0	36
11	Synergistic effects of urban tributary mixing on dissolved organic matter biodegradation in an impounded river system. <i>Science of the Total Environment</i> , 2019, 676, 105-119.	8.0	25
12	Technical note: Assessing gas equilibration systems for continuous CO <sub>2</sub> measurements in inland waters. <i>Biogeosciences</i> , 2016, 13, 3915-3930.	3.3	23
13	Downstream alteration of the composition and biodegradability of particulate organic carbon in a mountainous, mixed land-use watershed. <i>Biogeochemistry</i> , 2015, 122, 79-99.	3.5	21
14	Localized Pollution Impacts on Greenhouse Gas Dynamics in Three Anthropogenically Modified Asian River Systems. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006124.	3.0	20
15	Variability in runoff fluxes of dissolved and particulate carbon and nitrogen from two watersheds of different tree species during intense storm events. <i>Biogeosciences</i> , 2016, 13, 5421-5432.	3.3	19
16	Rapid Release and Changing Sources of Pb in a Mountainous Watershed during Extreme Rainfall Events. <i>Environmental Science &amp; Technology</i> , 2010, 44, 9324-9329.	10.0	18
17	Temperature control on wastewater and downstream nitrous oxide emissions in an urbanized river system. <i>Water Research</i> , 2020, 187, 116417.	11.3	17
18	Monsoonal-type climate or land-use management: Understanding their role in the mobilization of nitrate and DOC in a mountainous catchment. <i>Journal of Hydrology</i> , 2013, 507, 149-162.	5.4	16

#	ARTICLE	IF	CITATIONS
19	Effects of warming, wetting and nitrogen addition on substrate-induced respiration and temperature sensitivity of heterotrophic respiration in a temperate forest soil. <i>Pedosphere</i> , 2021, 31, 363-372.	4.0	10
20	Wastewater-boosted biodegradation amplifying seasonal variations of pCO <sub>2</sub> in the Mekong-Tonle Sap river system. <i>Biogeochemistry</i> , 2021, 155, 219-235.	3.5	9
21	Phytoplankton nutrient use and CO <sub>2</sub> dynamics responding to long-term changes in riverine N and P availability. <i>Water Research</i> , 2021, 203, 117510.	11.3	9
22	Comparing effects of untreated and treated wastewater on riverine greenhouse gas emissions. <i>APN Science Bulletin</i> , 2019, 9, .	0.7	9
23	Combining asymmetrical flow field-flow fractionation with on- and off-line fluorescence detection to examine biodegradation of riverine dissolved and particulate organic matter. <i>Journal of Chromatography A</i> , 2015, 1409, 218-225.	3.7	8
24	Multiple Time-Scale Monitoring to Address Dynamic Seasonality and Storm Pulses of Stream Water Quality in Mountainous Watersheds. <i>Water (Switzerland)</i> , 2015, 7, 6117-6138.	2.7	7
25	Seasonal shifts in diurnal variations of pCO <sub>2</sub> and O <sub>2</sub> in the lower Ganges River. <i>Limnology and Oceanography Letters</i> , 2022, 7, 191-201.	3.9	7
26	Reassessing riverine carbon dioxide emissions from the Indian subcontinent. <i>Science of the Total Environment</i> , 2022, 816, 151610.	8.0	3
27	Improving Carbonate Equilibria-Based Estimation of pCO <sub>2</sub> in Anthropogenically Impacted River Systems. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	2
28	Changing C-N Interactions in the Forest Floor under Chronic N Deposition: Implications for Forest C Sequestration. <i>Journal of Ecology and Environment</i> , 2008, 31, 167-176.	1.6	1