

Paul F Schuster

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,679
citations

201674

27
h-index

395702

33
g-index

50
all docs

50
docs citations

50
times ranked

3417
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric Mercury Deposition during the Last 270 Years: A Glacial Ice Core Record of Natural and Anthropogenic Sources. <i>Environmental Science & Technology</i> , 2002, 36, 2303-2310.	10.0	406
2	Permafrost Stores a Globally Significant Amount of Mercury. <i>Geophysical Research Letters</i> , 2018, 45, 1463-1471.	4.0	245
3	Oxygen-18 concentrations in recent precipitation and ice cores on the Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	230
4	Anthropogenic aerosols as a source of ancient dissolved organic matter in glaciers. <i>Nature Geoscience</i> , 2012, 5, 198-201.	12.9	199
5	Controls on nitrogen flux in alpine/subalpine watersheds of Colorado. <i>Water Resources Research</i> , 2000, 36, 37-47.	4.2	113
6	Mercury Export from the Yukon River Basin and Potential Response to a Changing Climate. <i>Environmental Science & Technology</i> , 2011, 45, 9262-9267.	10.0	110
7	Mercury and Organic Carbon Dynamics During Runoff Episodes from a Northeastern USA Watershed. <i>Water, Air, and Soil Pollution</i> , 2007, 187, 89-108.	2.4	107
8	Carbon budget for a groundwater-fed lake: Calcification supports summer photosynthesis. <i>Limnology and Oceanography</i> , 1994, 39, 1319-1332.	3.1	104
9	Multidecadal increases in the Yukon River Basin of chemical fluxes as indicators of changing flowpaths, groundwater, and permafrost. <i>Geophysical Research Letters</i> , 2016, 43, 12,120.	4.0	99
10	Comparison of total mercury and methylmercury cycling at five sites using the small watershed approach. <i>Environmental Pollution</i> , 2008, 154, 143-154.	7.5	96
11	Recent advances in understanding and measurement of mercury in the environment: Terrestrial Hg cycling. <i>Science of the Total Environment</i> , 2020, 721, 137647.	8.0	91
12	Hydrological and chemical estimates of the water balance of a closed-basin lake in north central Minnesota. <i>Water Resources Research</i> , 1997, 33, 2799-2812.	4.2	80
13	Potential impacts of mercury released from thawing permafrost. <i>Nature Communications</i> , 2020, 11, 4650.	12.8	77
14	Influences of glacier melt and permafrost thaw on the age of dissolved organic carbon in the Yukon River basin. <i>Global Biogeochemical Cycles</i> , 2014, 28, 525-537.	4.9	70
15	Mercury on the move during snowmelt in Vermont. <i>Eos</i> , 2002, 83, 45-48.	0.1	62
16	Runoff sources and flow paths in a partially burned, upland boreal catchment underlain by permafrost. <i>Water Resources Research</i> , 2014, 50, 8141-8158.	4.2	54
17	Increasing aeolian dust deposition to snowpacks in the Rocky Mountains inferred from snowpack, wet deposition, and aerosol chemistry. <i>Atmospheric Environment</i> , 2016, 146, 183-194.	4.1	50
18	Characterization of surface and ground water $\delta^{18}O$ seasonal variation and its use for estimating groundwater residence times. <i>Hydrological Processes</i> , 2006, 20, 1753-1772.	2.6	45

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19	Characterization of lake water and ground water movement in the littoral zone of Williams Lake, a closed-basin lake in north central Minnesota. <i>Hydrological Processes</i> , 2003, 17, 823-838.	2.6	42
20	Control of seasonal water vapor isotope variations at Lhasa, southern Tibetan Plateau. <i>Journal of Hydrology</i> , 2020, 580, 124237.	5.4	40
21	Ice core evidence of rapid air temperature increases since 1960 in alpine areas of the Wind River Range, Wyoming, United States. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 3-1.	3.3	38
22	Little Ice Age Evidence from a South-Central North American Ice Core, U.S.A.. <i>Arctic and Alpine Research</i> , 1996, 28, 35.	1.3	37
23	Chronological refinement of an ice core record at Upper Fremont Glacier in south central North America. <i>Journal of Geophysical Research</i> , 2000, 105, 4657-4666.	3.3	37
24	Permafrost degradation enhances the risk of mercury release on Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2020, 708, 135127.	8.0	35
25	Changing times, changing stories: generational differences in climate change perspectives from four remote indigenous communities in Subarctic Alaska. <i>Ecology and Society</i> , 2016, 21, .	2.3	31
26	Data Quality from a Community-Based, Water-Quality Monitoring Project in the Yukon River Basin. <i>Citizen Science: Theory and Practice</i> , 2018, 3, 1.	1.2	31
27	Indigenous Observations of Climate Change in the Lower Yukon River Basin, Alaska. <i>Human Organization</i> , 2011, 70, 244-252.	0.3	30
28	A 50-year record of NO _x and SO ₂ sources in precipitation in the Northern Rocky Mountains, USA. <i>Geochemical Transactions</i> , 2011, 12, 4.	0.7	14
29	Vulnerability of Subsistence Systems Due to Social and Environmental Change: A Case Study in the Yukon-Kuskokwim Delta, Alaska. <i>Arctic</i> , 2019, 72, 258-272.	0.4	14
30	Assessment of Spatial Variability of Major-Ion Concentrations and DEL Oxygen-18 Values in Surface Snow, Upper Fremont Glacier, Wyoming, U.S.A.. <i>Hydrology Research</i> , 1994, 25, 371-388.	2.7	9
31	Carbon and geochemical properties of cryosols on the North Slope of Alaska. <i>Cold Regions Science and Technology</i> , 2014, 100, 59-67.	3.5	7
32	Peat porewater chloride concentration profiles in the Everglades during wet/dry cycles from January 1996 to June 1998: field measurements and theoretical analysis. <i>Hydrological Processes</i> , 2008, 22, 1713-1724.	2.6	5
33	Trace elements and common ions in southeastern Idaho snow: regional air pollutant tracers for source area emissions. <i>Fuel Processing Technology</i> , 2004, 85, 657-671.	7.2	4
34	Variations Between $\delta^{18}O$ in Recently Deposited Snow and on-Site Air Temperature, Upper Fremont Glacier, Wyoming. , 2004, , 217-234.		3
35	Reply to comment on "Characterization of surface and ground water $\delta^{18}O$ seasonal variation and its use for estimating groundwater residence times" by R. E. Criss and W. E. Winston. <i>Hydrological Processes</i> , 2006, 20, 3573-3578.	2.6	0
36	Evidence of Abrupt Climate Change and the Development of an Historic Mercury Deposition Record Using Chronological Refinement of Ice Cores at Upper Fremont Glacier. , 2004, , 181-216.		0