William C Burnett

List of Publications by Year
in descending order

54 papers	4,677 citations	172457 29 h-index	161849 54 g-index
54 all docs	54 docs citations	54 times ranked	2607 citing authors

#	Article	IF	Citations
1	Carbon Accumulation, Flux, and Fate in Stordalen Mire, a Permafrost Peatland in Transition. Global Biogeochemical Cycles, 2022, 36, .	4.9	5
2	Submarine groundwater discharge and benthic biogeochemical zonation in the Huanghe River Estuary. Acta Oceanologica Sinica, 2022, 41, 11-20.	1.0	6
3	Seven decades of shoreline changes along a muddy mangrove coastline of the Upper Gulf of Thailand. Earth Surface Processes and Landforms, 2022, 47, 1425-1438.	2.5	4
4	Closing the Global Marine ²²⁶Ra Budget Reveals the Biological Pump as a Dominant Removal Flux in the Upper Ocean. Geophysical Research Letters, 2022, 49, .	4.0	7
5	Did the Construction of the Bhumibol Dam Cause a Dramatic Reduction in Sediment Supply to the Chao Phraya River?. Water (Switzerland), 2021, 13, 386.	2.7	7
6	Organic carbon accumulation in oligotrophic coastal lakes in southern Brazil during the last century. Journal of Paleolimnology, 2021, 66, 71-82.	1.6	1
7	An analysis of the factors responsible for the shoreline retreat of the Chao Phraya Delta (Thailand). Science of the Total Environment, 2021, 769, 145253.	8.0	25
8	A Benthic Monitor for Coastal Water Dissolved Oxygen Variation: Mn/Ca Ratios in Tests of an Epifaunal Foraminifer. Journal of Geophysical Research: Oceans, 2021, 126, .	2.6	2
9	Does submarine groundwater discharge contribute to summer hypoxia in the Changjiang (Yangtze) River Estuary?. Science of the Total Environment, 2020, 719, 137450.	8.0	53
10	Tracing underground sources of pollution to coastal waters off Map Ta Phut, Rayong, Thailand. Marine Pollution Bulletin, 2019, 148, 75-84.	5.0	6
11	A potential proxy for seasonal hypoxia: LA-ICP-MS Mn/Ca ratios in benthic foraminifera from the Yangtze River Estuary. Geochimica Et Cosmochimica Acta, 2019, 245, 290-303.	3.9	29
12	A New Perspective for Assessing Water Transport and Associated Retention Effects in a Large Reservoir. Geophysical Research Letters, 2018, 45, 9642-9650.	4.0	13
13	Improved measurements of thoron (220Rn) in natural waters. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 777-784.	1.5	6
14	Applications of radon and radium isotopes to determine submarine groundwater discharge and flushing times in Todos os Santos Bay, Brazil. Journal of Environmental Radioactivity, 2017, 178-179, 136-146.	1.7	8
15	Artificial water sediment regulation scheme influences morphology, hydrodynamics and nutrient behavior in the Yellow River estuary. Journal of Hydrology, 2016, 539, 102-112.	5.4	45
16	Optimizing laboratory-based radon flux measurements for sediments. Journal of Environmental Radioactivity, 2016, 158-159, 47-55.	1.7	8
17	Unmanned aerial vehicles (UAVs)â€based thermal infrared (TIR) mapping, a novel approach to assess groundwater discharge into the coastal zone. Limnology and Oceanography: Methods, 2016, 14, 725-735.	2.0	44
18	Prospecting for groundwater discharge in the canals of Bangkok via natural radon and thoron. Journal of Hydrology, 2014, 519, 1485-1492.	5.4	26

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19	Assessing diffusive fluxes and pore water radon activities via a single automated experiment. Journal of Radioanalytical and Nuclear Chemistry, 2014, 301, 581-588.	1.5	20
20	Determination of air-loop volume and radon partition coefficient for measuring radon in water sample. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1359-1365.	1.5	9
21	Airâ€“Water Partitioning of ²²²Rn and its Dependence on Water Temperature and Salinity. Environmental Science & Technology, 2012, 46, 3905-3911.	10.0	170
22	Underground sources of nutrient contamination to surface waters in Bangkok, Thailand. Science of the Total Environment, 2009, 407, 3198-3207.	8.0	19
23	Land or ocean?: Assessing the driving forces of submarine groundwater discharge at a coastal site in the Gulf of Mexico. Journal of Geophysical Research, 2009, 114, .	3.3	96
24	Quantification of pointâ€source groundwater discharges to the ocean from the shoreline of the Big Island, Hawaii. Limnology and Oceanography, 2009, 54, 890-904.	3.1	99
25	Comparison of measurement methods for radiumâ€226 on manganeseâ€fiber. Limnology and Oceanography: Methods, 2009, 7, 196-205.	2.0	73
26	An efficient and simple method for measuring 226Ra using the scintillation cell in a delayed coincidence counting system (RaDeCC). Journal of Environmental Radioactivity, 2008, 99, 1859-1862.	1.7	42
27	Major Ion Chemistry in a Freshwater Coastal Lagoon from Southern Brazil (Mangueira Lagoon): Influence of Groundwater Inputs. Aquatic Geochemistry, 2008, 14, 133-146.	1.3	34
28	Evaluation of the flushing rates of Apalachicola Bay, Florida via natural geochemical tracers. Marine Chemistry, 2008, 109, 395-408.	2.3	60
29	Submarine groundwater discharge from the Yellow River Delta to the Bohai Sea, China. Journal of Geophysical Research, 2008, 113, .	3.3	38
30	Determination of transport rates in the Yellow Riverâ€“Bohai Sea mixing zone via natural geochemical tracers. Continental Shelf Research, 2008, 28, 2700-2707.	1.8	58
31	Aerial infrared imaging reveals large nutrientâ€rich groundwater inputs to the ocean. Geophysical Research Letters, 2008, 35, .	4.0	154
32	Radon and radium isotope assessment of submarine groundwater discharge in the Yellow River delta, China. Journal of Geophysical Research, 2008, 113, .	3.3	117
33	Nutrient biogeochemistry in a Gulf of Mexico subterranean estuary and groundwaterâ€derived fluxes to the coastal ocean. Limnology and Oceanography, 2008, 53, 705-718.	3.1	181
34	An efficient method for Î³â€spectrometric determination of radiumâ€226,228 via manganese fibers. Limnology and Oceanography: Methods, 2004, 2, 256-261.	2.0	50
35	Submarine groundwater discharge estimates at a Florida coastal site based on continuous radon measurements. Biogeochemistry, 2003, 66, 55-73.	3.5	94
36	Groundwater and pore water inputs to the coastal zone. Biogeochemistry, 2003, 66, 3-33.	3.5	824

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37	Spatial and temporal distributions of submarine groundwater discharge rates obtained from various types of seepage meters at a site in the Northeastern Gulf of Mexico. Biogeochemistry, 2003, 66, 35-53.	3.5	122
38	Seepage rate variability in Florida Bay driven by Atlantic tidal height. Biogeochemistry, 2003, 66, 187-202.	3.5	43
39	Title is missing!. Journal of Paleolimnology, 2003, 29, 95-107.	1.6	12
40	Estimating the dynamics of groundwater input into the coastal zone via continuous radon-222 measurements. Journal of Environmental Radioactivity, 2003, 69, 21-35.	1.7	472
41	Investigation of submarine groundwater discharge. Hydrological Processes, 2002, 16, 2115-2129.	2.6	569
42	Estimating the groundwater contribution into Florida Bay via natural tracers, ²²²Rn and CH₄. Limnology and Oceanography, 2000, 45, 1546-1557.	3.1	90
43	Bimodal Transport of a Waste Water Plume Injected into Saline Ground Water of the Florida Keys. Ground Water, 2000, 38, 624-634.	1.3	16
44	The Effect of Groundwater Seepage on Nutrient Delivery and Seagrass Distribution in the Northeastern Gulf of Mexico. Estuaries and Coasts, 1999, 22, 1033.	1.7	67
45	Patterns of groundwater discharge into Florida Bay. Limnology and Oceanography, 1999, 44, 1045-1055.	3.1	208
46	Magnitude and variations of groundwater seepage along a Florida marine shoreline. Biogeochemistry, 1997, 38, 189-205.	3.5	113
47	Estimating groundwater discharge into the northeastern Gulf of Mexico using radon-222. Earth and Planetary Science Letters, 1996, 144, 591-604.	4.4	335
48	Jellyfish Lake, Palau: Regeneration of C, N, Si, and P in anoxic marine lake sediments. Limnology and Oceanography, 1996, 41, 1394-1403.	3.1	17
49	Uptake of polonium and sulfur by bacteria. Geomicrobiology Journal, 1995, 13, 103-115.	2.0	73
50	Nutrient cycling and the biogeochemistry of manganese, iron. and zinc in Jellyfish Lake, Palau. Limnology and Oceanography, 1991, 36, 515-525.	3.1	34
51	Jellyfish Lake, Palau. Eos, 1989, 70, 777.	0.1	27
52	Comparison of Radiocarbon and Uranium-Series Dating Methods as Applied to Marine Apatite. Quaternary Research, 1986, 25, 369-379.	1.7	7
53	Uranium disequilibrium dating of phosphate deposits from the Lau Group, Fiji. Nature, 1983, 302, 603-606.	27.8	16
54	Uranium-series dating of insular phosphorite from Ebon atoll, Micronesia. Nature, 1978, 274, 460-462.	27.8	23