Wilhelm PÃ¼ttmann

List of Publications by Year
in descending order

80	4,571	76326	102487
papers	citations	40	66
		h-index	g-index

81	81	81	5086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cretaceous sea-surface temperature evolution: Constraints from TEX86 and planktonic foraminiferal oxygen isotopes. Earth-Science Reviews, 2017, 172, 224-247.	9.1	358
2	Occurrence and fate of organophosphorus flame retardants and plasticizers in urban and remote surface waters in Germany. Water Research, 2010, 44, 4097-4104.	11.3	241
3	Recognition of peat depositional environments in coal: A review. International Journal of Coal Geology, 2020, 219, 103383.	5.0	237
4	Concentration and Distribution of Heavy Metals in Urban Airborne Particulate Matter in Frankfurt am Main, Germany. Environmental Science & Technology, 2005, 39, 2983-2989.	10.0	164
5	Changes in Palladium, Platinum, and Rhodium Concentrations, and Their Spatial Distribution in Soils Along a Major Highway in Germany from 1994 to 2004. Environmental Science & Technology, 2007, 41, 451-456.	10.0	147
6	Occurrence and geochemical significance of 1,2,5,6-tetramethylnaphthalene. Geochimica Et Cosmochimica Acta, 1987, 51, 3023-3029.	3.9	134
7	Monitoring of the three organophosphate esters TBP, TCEP and TBEP in river water and ground water (Oder, Germany). Journal of Environmental Monitoring, 2003, 5, 346-352.	2.1	134
8	Fate of 1,4-dioxane in the aquatic environment: From sewage to drinking water. Water Research, 2014, 48, 406-419.	11.3	127
9	Occurrence of organophosphate esters in surface water and ground water in Germany. Journal of Environmental Monitoring, 2001, 3, 621-626.	2.1	119
10	Organophosphate flame retardants (OPFRs) in indoor and outdoor air in the Rhine/Main area, Germany: comparison of concentrations and distribution profiles in different microenvironments. Environmental Science and Pollution Research, 2017, 24, 10992-11005.	5.3	110
11	Platinum group elements (Pt, Pd, Rh) in airborne particulate matter in rural vs. urban areas of Germany: Concentrations and spatial patterns of distribution. Science of the Total Environment, 2012, 416, 261-268.	8.0	104
12	Biomarker and carbon isotope variation in coal and fossil wood of Central Europe through the Cenozoic. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 262, 166-175.	2.3	102
13	Occurrence and removal of lidocaine, tramadol, venlafaxine, and their metabolites in German wastewater treatment plants. Environmental Science and Pollution Research, 2012, 19, 689-699.	5.3	102
14	Degradation of lidocaine, tramadol, venlafaxine and the metabolites O-desmethyltramadol and O-desmethylvenlafaxine in surface waters. Chemosphere, 2013, 90, 1952-1959.	8.2	95
15	Traffic-related trace element fate and uptake by plants cultivated in roadside soils in Toronto, Canada. Science of the Total Environment, 2013, 442, 86-95.	8.0	95
16	Determination of Methyltert-Butyl Ether in Surface Water by Use of Solid-Phase Microextraction. Environmental Science & Technology, 2000, 34, 1359-1364.	10.0	85
17	Concentration and Distribution of Platinum Group Elements (Pt, Pd, Rh) in Airborne Particulate Matter in Frankfurt am Main, Germany. Environmental Science & Technology, 2004, 38, 1686-1692.	10.0	84
18	Temporal concentration changes of DEET, TCEP, terbutryn, and nonylphenols in freshwater streams of Hesse, Germany: possible influence of mandatory regulations and voluntary environmental agreements. Environmental Science and Pollution Research, 2009, 16, 630-640.	5.3	79

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19	Impact of wastewater treatment plant discharge of lidocaine, tramadol, venlafaxine and their metabolites on the quality of surface waters and groundwater. Journal of Environmental Monitoring, 2012, 14, 1391.	2.1	79
20	Analysis of benzene, toluene, ethylbenzene, xylenes and n-aldehydes in melted snow water via solid-phase dynamic extraction combined with gas chromatography/mass spectrometry. Journal of Chromatography A, 2008, 1178, 178-186.	3.7	74
21	Organophosphorus Flame Retardants and Plasticizers in Rain and Snow from Middle Germany. Clean - Soil, Air, Water, 2009, 37, 334-342.	1.1	74
22	In Vitro Investigations of Platinum, Palladium, and Rhodium Mobility in Urban Airborne Particulate Matter (PM₁₀, PM_{2.5}, and PM₁) Using Simulated Lung Fluids. Environmental Science & Technology, 2012, 46, 10326-10333.	10.0	74
23	Analysis of the antioxidant butylated hydroxytoluene (BHT) in water by means of solid phase extraction combined with GC/MS. Water Research, 2002, 36, 2319-2327.	11.3	72
24	Seasonal fluctuations of organophosphate concentrations in precipitation and storm water runoff. Chemosphere, 2010, 78, 958-964.	8.2	69
25	Methyl tert-Butyl Ether (MTBE) in River and Wastewater in Germany. 1. Environmental Science & Technology, 2002, 36, 3652-3661.	10.0	64
26	Sensitive method for determination of methyl tert-butyl ether (MTBE) in water by use of headspace-SPME/GCâ€“MS. Fresenius' Journal of Analytical Chemistry, 2001, 371, 519-525.	1.5	61
27	Occurrence and temporal variations of the xenoestrogens bisphenol A, 4-tert-octylphenol, and tech. 4-nonylphenol in two German wastewater treatment plants. Environmental Science and Pollution Research, 2008, 15, 405-416.	5.3	61
28	Occurrence of Methyl tert-Butyl Ether (MTBE) in Riverbank Filtered Water and Drinking Water Produced by Riverbank Filtration. 2. Environmental Science & Technology, 2002, 36, 3662-3670.	10.0	60
29	Monitoring terbutryn pollution in small rivers of Hesse, Germany. Journal of Environmental Monitoring, 2007, 9, 1337.	2.1	56
30	Methyl tert-butyl ether (MTBE) in urban and rural precipitation in Germany. Atmospheric Environment, 2001, 35, 6337-6345.	4.1	54
31	1,4-Dioxane pollution at contaminated groundwater sites in western Germany and its distribution within a TCE plume. Science of the Total Environment, 2018, 619-620, 712-720.	8.0	53
32	Monitoring of the antioxidant BHT and its metabolite BHT-CHO in German river water and ground water. Science of the Total Environment, 2004, 319, 269-282.	8.0	52
33	Paleoenvironments of the latest Cretaceous oil shale sequence, Southern Tethys, Israel, as an integral part of the prevailing upwelling system. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 305, 93-108.	2.3	52
34	Occurrence and behaviour of 4-nonylphenol in river water of Germany. Journal of Environmental Monitoring, 2003, 5, 598-603.	2.1	50
35	Reconstruction of floral changes during deposition of the Miocene Embalut coal from Kutai Basin, Mahakam Delta, East Kalimantan, Indonesia by use of aromatic hydrocarbon composition and stable carbon isotope ratios of organic matter. Organic Geochemistry, 2009, 40, 206-218.	1.8	50
36	Metal accumulation during and after deposition of the Kupferschiefer from the Sangerhausen Basin, Germany. Applied Geochemistry, 1997, 12, 577-592.	3.0	49

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37	The biomarker record of Lake Albano, central Italyâ€"implications for Holocene aquatic system response to environmental change. Organic Geochemistry, 2003, 34, 1223-1235.	1.8	49
38	Organic geochemistry and petrography of Tertiary coals and carbonaceous shales from Argentina. Organic Geochemistry, 1988, 13, 1011-1021.	1.8	43
39	Chronostratigraphy of the Upper Cretaceous high productivity sequence of the southern Tethys, Israel. Cretaceous Research, 2014, 50, 187-213.	1.4	43
40	Endocrine disruptors in freshwater streams of Hesse, Germany: Changes in concentration levels in the time span from 2003 to 2005. Environmental Pollution, 2008, 152, 476-483.	7.5	41
41	Organophosphates and Synthetic Musk Fragrances in Freshwater Streams in Hessen/Germany. Clean - Soil, Air, Water, 2008, 36, 70-77.	1.1	40
42	Metal and metalloid accumulation in cultivated urban soils: A medium-term study of trends in Toronto, Canada. Science of the Total Environment, 2015, 538, 564-572.	8.0	38
43	Paleoceanographic reconstruction of the late Cretaceous oil shale of the Negev, Israel: Integration of geochemical, and stable isotope records of the organic matter. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 319-320, 46-57.	2.3	33
44	Differences in the depositional environment of basal Zechstein in southwest Poland: implication for base metal mineralization. Organic Geochemistry, 1995, 23, 819-835.	1.8	32
45	Oxidation of Organic Matter in the Transition Zone of the Zechstein Kupferschiefer from the Sangerhausen Basin, Germany. Energy & Fuels, 2001, 15, 817-829.	5.1	32
46	Comparison of MTBE concentrations in groundwater of urban and nonurban areas in Germany. Water Research, 2006, 40, 3551-3558.	11.3	32
47	Sea surface temperature record of a Late Cretaceous tropical Southern Tethys upwelling system. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 392, 350-358.	2.3	32
48	Structural investigation of isolated aquatic fulvic and humic acids in seepage water of waste deposits by pyrolysis-gas chromatography/mass spectrometry. Water Research, 1997, 31, 1609-1618.	11.3	31
49	Geochemical evidence for the link between sulfate reduction, sulfide oxidation and phosphate accumulation in a Late Cretaceous upwelling system. Geochemical Transactions, 2015, 16, 2.	0.7	31
50	The origin of pale and dark layers in Pliocene lignite deposits from Yunnan Province, Southwest China, based on coal petrological and organic geochemical analyses. International Journal of Coal Geology, 2018, 195, 172-188.	5.0	29
51	Evidence for the repeated occurrence of wildfires in an upper Pliocene lignite deposit from Yunnan, SW China. International Journal of Coal Geology, 2022, 250, 103924.	5.0	27
52	Upgrading of Wastewater Treatment Plants Through the Use of Unconventional Treatment Technologies: Removal of Lidocaine, Tramadol, Venlafaxine and Their Metabolites. Water (Switzerland), 2012, 4, 650-669.	2.7	26
53	Effectâ€directed identification of endocrine disruptors in plastic baby teethers. Journal of Applied Toxicology, 2015, 35, 1254-1261.	2.8	26
54	The Permian Kupferschiefer of southwest Poland: a geochemical trap for migrating, metal-bearing solutions. Applied Geochemistry, 1990, 5, 227-235.	3.0	25

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55	Benzene, alkylated benzenes, chlorinated hydrocarbons and monoterpenes in snow/ice at Jungfraujoch (46.6Â°N, 8.0Â°E) during CLACE 4 and 5. Science of the Total Environment, 2008, 391, 269-277.	8.0	24
56	Methyl tert-butyl ether (MTBE) in finished drinking water in Germany. Environmental Pollution, 2006, 140, 294-303.	7.5	23
57	Improvement of HS-SPME for analysis of volatile organic compounds (VOC) in water samples by simultaneous direct fiber cooling and freezing of analyte solution. Analytical and Bioanalytical Chemistry, 2006, 386, 1497-1503.	3.7	23
58	Methyl tert-butyl ether (MTBE) in snow samples in Germany. Atmospheric Environment, 2006, 40, 76-86.	4.1	23
59	Occurrence and temporal variations of TMDD in the river Rhine, Germany. Environmental Science and Pollution Research, 2010, 17, 321-330.	5.3	22
60	Distributions of organophosphate flame retardants (OPFRs) in three dust size fractions from homes and building material markets. Environmental Pollution, 2019, 245, 343-352.	7.5	21
61	Evidence for specific adaptations of fossil benthic foraminifera to anoxicâ€“dysoxic environments. Paleobiology, 2016, 42, 77-97.	2.0	20
62	Method for determination of methyl tert-butyl ether in gasoline by gas chromatography. Journal of Chromatography A, 2001, 910, 377-383.	3.7	18
63	Reconstruction of paleobotanical and paleoenvironmental changes in the Pliocene Velenje Basin, Slovenia, by molecular and stable isotope analysis of lignites. International Journal of Coal Geology, 2019, 206, 31-45.	5.0	17
64	Metal translocation patterns in Solanum melongena grown in close proximity to traffic. Environmental Science and Pollution Research, 2014, 21, 1572-1581.	5.3	16
65	1,4-Dioxane contamination of German drinking water obtained by managed aquifer recharge systems: Distribution and main influencing factors. Science of the Total Environment, 2020, 711, 134783.	8.0	16
66	From phytoplankton to oil shale reservoirs: A 19-million-year record of the Late Cretaceous Tethyan upwelling regime in the Levant Basin. Marine and Petroleum Geology, 2018, 95, 188-205.	3.3	14
67	Occurrence and fate of TMDD in wastewater treatment plants in Germany. Water Research, 2011, 45, 5313-5322.	11.3	13
68	Analysis of Sources and Sinks of Mercury in the Urban Water Cycle of Frankfurt am Main, Germany. Water (Switzerland), 2015, 7, 6097-6116.	2.7	11
69	Stable isotopic and elemental characteristics of pale and dark layers in a late Pliocene lignite deposit basin in Yunnan Province, southwestern China: Implications for paleoenvironmental changes. International Journal of Coal Geology, 2020, 226, 103498.	5.0	11
70	Geochemical characteristics of crude oils from the Cuyo Basin, Argentina. Organic Geochemistry, 1990, 16, 511-519.	1.8	9
71	The role of organic matter during metal enrichment in Permian Kupferschiefer of the Rudna mine, Southwest Poland. Diqiu Huaxue, 2003, 22, 1-10.	0.5	9
72	Composition of kerogen in Kupferschiefer from southwest Poland. Diqiu Huaxue, 2004, 23, 101-111.	0.5	9

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73	Implementation of initial emission mitigation measures for 1,4-dioxane in Germany: Are they taking effect?. Science of the Total Environment, 2022, 806, 150701.	8.0	8
74	Effects of environmental history and post-depositional processes on the organic matter record of Lake Åebsko, Poland. Organic Geochemistry, 2021, 155, 104209.	1.8	7
75	Compartment modeling of MTBE in the generic environment and estimations of the aquatic MTBE input in Germany using the EQC model. Journal of Environmental Monitoring, 2002, 4, 747-753.	2.1	6
76	Laboratory and field observations of the accumulation of polar organic molecules in clay mineral sealings used in waste disposal sites. Organic Geochemistry, 1992, 19, 493-507.	1.8	4
77	Chemical characteristics of subbituminous coal lithotypes. Fuel, 1991, 70, 227-233.	6.4	3
78	Biomarkers: Coal. Encyclopedia of Earth Sciences Series, 2017, , 1-14.	0.1	1
79	Biomarkers: Coal. Encyclopedia of Earth Sciences Series, 2018, , 123-135.	0.1	1
80	Significance of the High Abundance of Pentacyclic Triterpenyl and Hopenyl Acetates in Sphagnum Peat Bogs from Northern Spain. Quaternary, 2019, 2, 30.	2.0	0