

Christian Wolkersdorfer

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,022
citations

471061

17
h-index

433756

31
g-index

75
all docs

75
docs citations

75
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Mining Impacts on the Fresh Water Environment: Technical and Managerial Guidelines for Catchment Scale Management. <i>Mine Water and the Environment</i> , 2004, 23, s2-s80.	0.9	179
2	Application of banana peels nanosorbent for the removal of radioactive minerals from real mine water. <i>Journal of Environmental Radioactivity</i> , 2016, 164, 369-376.	0.9	78
3	Electrocoagulation treatment of mine water from the deepest working European metal mine – Performance, isotherm and kinetic studies. <i>Separation and Purification Technology</i> , 2017, 177, 363-373.	3.9	67
4	Titanosilicates in cation adsorption and cation exchange – A review. <i>Chemical Engineering Journal</i> , 2017, 317, 570-585.	6.6	67
5	Uranium removal from Pyhäsalmi/Finland mine water by batch electrocoagulation and optimization with the response surface methodology. <i>Separation and Purification Technology</i> , 2018, 193, 386-397.	3.9	54
6	Contemporary Reviews of Mine Water Studies in Europe, Part 2. <i>Mine Water and the Environment</i> , 2005, 24, 2-37.	0.9	50
7	Sulfate removal from acid mine water from the deepest active European mine by precipitation and various electrocoagulation configurations. <i>Journal of Environmental Management</i> , 2018, 227, 162-171.	3.8	47
8	Contemporary Reviews of Mine Water Studies in Europe, Part 1. <i>Mine Water and the Environment</i> , 2004, 23, 162-182.	0.9	42
9	Guidance for the Integrated Use of Hydrological, Geochemical, and Isotopic Tools in Mining Operations. <i>Mine Water and the Environment</i> , 2020, 39, 204-228.	0.9	35
10	Contemporary Reviews of Mine Water Studies in Europe, Part 3. <i>Mine Water and the Environment</i> , 2005, 24, 58-76.	0.9	28
11	Lanthanides removal from mine water using banana peels nanosorbent. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1265-1274.	1.8	28
12	Establishing a conversion factor between electrical conductivity and total dissolved solids in South African mine waters. <i>Water S A</i> , 2015, 41, 490.	0.2	25
13	Contemporary Reviews of Mine Water Studies in Europe. <i>Mine Water and the Environment</i> , 2004, 23, 161-161.	0.9	23
14	Quantitative Assessment of Mine Water Sources Based on the General Mixing Equation and Multivariate Statistics. <i>Mine Water and the Environment</i> , 2012, 31, 252-265.	0.9	19
15	Modelling the hydrogeochemical evolution of mine water in a decommissioned opencast coal mine. <i>International Journal of Coal Geology</i> , 2016, 164, 3-12.	1.9	19
16	Automated measurement systems in mine water management and mine workings – A review of potential methods. <i>Water Resources and Industry</i> , 2020, 24, 100136.	1.9	19
17	Assessment of water quality in surface waters of the Fayoum watershed, Egypt. <i>Environmental Earth Sciences</i> , 2015, 74, 1765-1783.	1.3	18
18	Renewed Demands for Mine Water Management. <i>Mine Water and the Environment</i> , 2012, 31, 147-158.	0.9	15

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19	Regulation of Mine Waters in the European Union: The Contribution of Scientific Research to Policy Development. <i>Mine Water and the Environment</i> , 2002, 21, 193-200.	0.9	13
20	Iron-mineral accretion from acid mine drainage and its application in passive treatment. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1428-1440.	1.2	13
21	Using Calcium Carbonate/Hydroxide and Barium Carbonate to Remove Sulphate from Mine Water. <i>Mine Water and the Environment</i> , 2017, 36, 264-272.	0.9	12
22	Mine water tracing. <i>Geological Society Special Publication</i> , 2002, 198, 47-60.	0.8	11
23	Mine water: policy perspective for improving water management in the mining environment with respect to developing economies. <i>International Journal of Mining, Reclamation and Environment</i> , 2016, 30, 115-127.	1.2	11
24	Pore structure and sorption characterization of titanosilicates obtained from concentrated precursors by the sol-gel method. <i>RSC Advances</i> , 2015, 5, 72562-72571.	1.7	10
25	Adsorptive Performance of Surface-Modified Montmorillonite in Vanadium Removal from Mine Water. <i>Mine Water and the Environment</i> , 2017, 36, 628-637.	0.9	10
26	A Snapshot of Coal Mine Drainage Discharge Limits for Conductivity, Sulfate, and Manganese across the Developed World. <i>Mine Water and the Environment</i> , 2020, 39, 165-172.	0.9	9
27	Hydrogeochemical investigations of an abandoned uranium mine in the Erzgebirge/Germany. <i>Applied Geochemistry</i> , 1996, 11, 237-241.	1.4	8
28	Tracer Test in a Settling Pond: The Passive Mine Water Treatment Plant of the 1 B Mine Pool, Nova Scotia, Canada. <i>Mine Water and the Environment</i> , 2011, 30, 105-112.	0.9	8
29	Effects of Mining on Surface Water. , 2022, , 170-188.		8
30	Regulations, legislation, and guidelines for artificial surface water and groundwater tracer tests in Canada. <i>Water Quality Research Journal of Canada</i> , 2012, 47, 42-55.	1.2	7
31	Assessing subsurface flow hydraulics of a coal mine water bioremediation system using a multi-tracer approach. <i>International Journal of Coal Geology</i> , 2016, 164, 58-68.	1.9	7
32	Nitrate Reduction of the Siilinjärvi/Finland Mine Water with Zero-valent Iron and Iron Waste as Alternative Iron Sources. <i>Mine Water and the Environment</i> , 2020, 39, 280-290.	0.9	7
33	Density stratification and double-diffusive convection in mine pools of flooded underground mines – A review. <i>Water Research</i> , 2022, 214, 118033.	5.3	7
34	Mine Water Literature in ISI's Science Citation Index Expanded. <i>Mine Water and the Environment</i> , 2004, 23, 96-99.	0.9	6
35	Improving Mine Water Quality by Low Density Sludge Storage in Flooded Underground Workings. <i>Mine Water and the Environment</i> , 2013, 32, 3-15.	0.9	6
36	Predicting and Forecasting Mine Water Parameters Using a Hybrid Intelligent System. <i>Water Resources Management</i> , 2022, 36, 2813-2826.	1.9	6

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37	Groundwater Level Fluctuation Analysis in a Semi-Urban Area Using Statistical Methods and Data Mining Techniques—A Case Study in Wrocław, Poland. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3553.	1.3	5
38	Synthesis and application of alginate immobilised banana peels nanocomposite in rare earth and radioactive minerals removal from mine water. <i>IET Nanobiotechnology</i> , 2019, 13, 756-765.	1.9	5
39	An analogue Toma Hill formation model for the Tyrolian Fernpass rockslide. <i>Landslides</i> , 2019, 16, 1855-1870.	2.7	4
40	Effects of Mining on Surface Water—Case Studies. , 2022, , 210-224.		3
41	Mine water tracer tests as a basis for remediation strategies. <i>Chemie Der Erde</i> , 2005, 65, 65-74.	0.8	2
42	The Whitehill Formation as a natural geochemical analogue to the Witwatersrand Basin—mine water issues, South Africa. <i>Environmental Science and Pollution Research</i> , 2022, 29, 27195-27208.	2.7	2
43	Twenty years of the International Mine Water Association Journal — the First Issue. <i>Mine Water and the Environment</i> , 2002, 21, 100-101.	0.9	1
44	Hydrochemical investigations to locate Homer—hot and cold springs of Troia (Troy)/Turkey. <i>Catena</i> , 2021, 200, 105070.	2.2	1
45	Valanko et al.: About Water Treatment (Book Review). <i>Mine Water and the Environment</i> , 2021, 40, 803-804.	0.9	1
46	Pilot Scale RAPS-System in Gernrode/Harz Mountains. , 2006, , 317-328.		1
47	Chemical variations in mine water of abandoned pyrite mines exemplified by the Colorful Lakes in Wieńciszowice, Sudetes Mountains, Poland. <i>Journal of Hydrology: Regional Studies</i> , 2021, 38, 100974.	1.0	1
48	Mine Water and the Environment—Notes for Contributors. <i>Mine Water and the Environment</i> , 2005, 24, 162-165.	0.9	0
49	A Word From the Secretary General. <i>Mine Water and the Environment</i> , 2010, 29, 235-236.	0.9	0
50	A Word from the Secretary General. <i>Mine Water and the Environment</i> , 2010, 29, 301-304.	0.9	0
51	Wood: Diasters and Minewater (Book Review). <i>Mine Water and the Environment</i> , 2012, 31, 233-235.	0.9	0
52	Professor Dr. Walter Semmler: A German Mine Water Pioneer. <i>Mine Water and the Environment</i> , 2014, 33, 372-375.	0.9	0
53	Ernest Iakovlevich Kipko 1932—2016. <i>Mine Water and the Environment</i> , 2018, 37, 861-863.	0.9	0
54	A Hard Coal Miner at the Haarmannsbrunnen (Haarmann Fountain) in Osnabrück (Germany). <i>Mine Water and the Environment</i> , 2018, 37, 856-857.	0.9	0

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55	Peter Gunter 1970â€“2018. <i>Mine Water and the Environment</i> , 2018, 37, 864-865.	0.9	0
56	Pohl: <i>Economic Geology</i> 2nd Edition (Book Review). <i>Mine Water and the Environment</i> , 2021, 40, 553-554.	0.9	0
57	<i>Mine Water and the Environment: History Until Volume 40 and the New Cover Design</i> . <i>Mine Water and the Environment</i> , 2021, 40, 557-561.	0.9	0
58	Rare Earth Elements (REEs) as Natural Tracers in Mine Waters. , 2002, , 951-958.		0
59	Flutungsprognose eines Uranbergwerks. , 1999, , 55-71.		0
60	Tracer Tests as a Mean of Remediation Procedures in Mines. , 2006, , 817-822.		0
61	Identifying potential groundwater contamination by mining influenced water (MIW) using flow measurements in a sub-catchment of the â€œCradle of Humankindâ€•Unesco World Heritage Site, South Africa. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	0