

Christian Wolkersdorfer

List of Publications by Year in descending order

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61
papers

1,022
citations

471061

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433756

31
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75
all docs

75
docs citations

75
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Mining on Surface Water. , 2022, , 170-188.		8
2	Effects of Mining on Surface Waterâ€™Case Studies. , 2022, , 210-224.		3
3	The Whitehill Formation as a natural geochemical analogue to the Witwatersrand Basinâ€™s mine water issues, South Africa. Environmental Science and Pollution Research, 2022, 29, 27195-27208.	2.7	2
4	Density stratification and double-diffusive convection in mine pools of flooded underground mines â€™A review. Water Research, 2022, 214, 118033.	5.3	7
5	Identifying potential groundwater contamination by mining influenced water (MIW) using flow measurements in a sub-catchment of the â€™Cradle of Humankindâ€™-Unesco World Heritage Site, South Africa. Environmental Earth Sciences, 2022, 81, 1.	1.3	0
6	Predicting and Forecasting Mine Water Parameters Using a Hybrid Intelligent System. Water Resources Management, 2022, 36, 2813-2826.	1.9	6
7	Hydrochemical investigations to locate Homerâ€™s hot and cold springs of Troia (Troy)/Turkey. Catena, 2021, 200, 105070.	2.2	1
8	Pohl: Economic Geology 2nd Edition (Book Review). Mine Water and the Environment, 2021, 40, 553-554.	0.9	0
9	Valanko et al.: About Water Treatment (Book Review). Mine Water and the Environment, 2021, 40, 803-804.	0.9	1
10	Mine Water and the Environment: History Until Volume 40 and the New Cover Design. Mine Water and the Environment, 2021, 40, 557-561.	0.9	0
11	Chemical variations in mine water of abandoned pyrite mines exemplified by the Colorful Lakes in WieÅ›ciszowice, Sudetes Mountains, Poland. Journal of Hydrology: Regional Studies, 2021, 38, 100974.	1.0	1
12	Automated measurement systems in mine water management and mine workings â€™A review of potential methods. Water Resources and Industry, 2020, 24, 100136.	1.9	19
13	Groundwater Level Fluctuation Analysis in a Semi-Urban Area Using Statistical Methods and Data Mining Techniquesâ€™A Case Study in WrocÅ›aw, Poland. Applied Sciences (Switzerland), 2020, 10, 3553.	1.3	5
14	Guidance for the Integrated Use of Hydrological, Geochemical, and Isotopic Tools in Mining Operations. Mine Water and the Environment, 2020, 39, 204-228.	0.9	35
15	Nitrate Reduction of the SiilinjÃ¤rvi/Finland Mine Water with Zero-valent Iron and Iron Waste as Alternative Iron Sources. Mine Water and the Environment, 2020, 39, 280-290.	0.9	7
16	A Snapshot of Coal Mine Drainage Discharge Limits for Conductivity, Sulfate, and Manganese across the Developed World. Mine Water and the Environment, 2020, 39, 165-172.	0.9	9
17	An analogue Toma Hill formation model for the Tyrolian Fernpass rockslide. Landslides, 2019, 16, 1855-1870.	2.7	4
18	Synthesis and application of alginate immobilised banana peels nanocomposite in rare earth and radioactive minerals removal from mine water. IET Nanobiotechnology, 2019, 13, 756-765.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Uranium removal from Pyhäsalmi/Finland mine water by batch electrocoagulation and optimization with the response surface methodology. Separation and Purification Technology, 2018, 193, 386-397.	3.9	54
20	Lanthanides removal from mine water using banana peels nanosorbent. International Journal of Environmental Science and Technology, 2018, 15, 1265-1274.	1.8	28
21	Ernest Iakovlevich Kipko 1932–2016. Mine Water and the Environment, 2018, 37, 861-863.	0.9	0
22	A Hard Coal Miner at the Haarmannsbrunnen (Haarmann Fountain) in Osnabrück (Germany). Mine Water and the Environment, 2018, 37, 856-857.	0.9	0
23	Peter Gunter 1970–2018. Mine Water and the Environment, 2018, 37, 864-865.	0.9	0
24	Sulfate removal from acid mine water from the deepest active European mine by precipitation and various electrocoagulation configurations. Journal of Environmental Management, 2018, 227, 162-171.	3.8	47
25	Electrocoagulation treatment of mine water from the deepest working European metal mine – Performance, isotherm and kinetic studies. Separation and Purification Technology, 2017, 177, 363-373.	3.9	67
26	Titanosilicates in cation adsorption and cation exchange – A review. Chemical Engineering Journal, 2017, 317, 570-585.	6.6	67
27	Using Calcium Carbonate/Hydroxide and Barium Carbonate to Remove Sulphate from Mine Water. Mine Water and the Environment, 2017, 36, 264-272.	0.9	12
28	Adsorptive Performance of Surface-Modified Montmorillonite in Vanadium Removal from Mine Water. Mine Water and the Environment, 2017, 36, 628-637.	0.9	10
29	Application of banana peels nanosorbent for the removal of radioactive minerals from real mine water. Journal of Environmental Radioactivity, 2016, 164, 369-376.	0.9	78
30	Assessing subsurface flow hydraulics of a coal mine water bioremediation system using a multi-tracer approach. International Journal of Coal Geology, 2016, 164, 58-68.	1.9	7
31	Modelling the hydrogeochemical evolution of mine water in a decommissioned opencast coal mine. International Journal of Coal Geology, 2016, 164, 3-12.	1.9	19
32	Iron-mineral accretion from acid mine drainage and its application in passive treatment. Environmental Technology (United Kingdom), 2016, 37, 1428-1440.	1.2	13
33	Mine water: policy perspective for improving water management in the mining environment with respect to developing economies. International Journal of Mining, Reclamation and Environment, 2016, 30, 115-127.	1.2	11
34	Establishing a conversion factor between electrical conductivity and total dissolved solids in South African mine waters. Water S A, 2015, 41, 490.	0.2	25
35	Assessment of water quality in surface waters of the Fayoum watershed, Egypt. Environmental Earth Sciences, 2015, 74, 1765-1783.	1.3	18
36	Pore structure and sorption characterization of titanosilicates obtained from concentrated precursors by the sol-gel method. RSC Advances, 2015, 5, 72562-72571.	1.7	10

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37	Professor Dr. Walter Semmler: A German Mine Water Pioneer. <i>Mine Water and the Environment</i> , 2014, 33, 372-375.	0.9	0
38	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
39	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
40	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
41	Wood: Diasters and Minewater (Book Review). <i>Mine Water and the Environment</i> , 2012, 31, 233-235.	0.9	0
42	Renewed Demands for Mine Water Management. <i>Mine Water and the Environment</i> , 2012, 31, 147-158.	0.9	15
43	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
44	A Word From the Secretary General. <i>Mine Water and the Environment</i> , 2010, 29, 235-236.	0.9	0
45	A Word from the Secretary General. <i>Mine Water and the Environment</i> , 2010, 29, 301-304.	0.9	0
46	Pilot Scale RAPS-System in Gernrode/Harz Mountains. , 2006, , 317-328.		1
47	Tracer Tests as a Mean of Remediation Procedures in Mines. , 2006, , 817-822.		0
48	Contemporary Reviews of Mine Water Studies in Europe, Part 2. <i>Mine Water and the Environment</i> , 2005, 24, 2-37.	0.9	50
49	Contemporary Reviews of Mine Water Studies in Europe, Part 3. <i>Mine Water and the Environment</i> , 2005, 24, 58-76.	0.9	28
50	Mine Water and the Environmentâ€™Notes for Contributors. <i>Mine Water and the Environment</i> , 2005, 24, 162-165.	0.9	0
51	Mine water tracer tests as a basis for remediation strategies. <i>Chemie Der Erde</i> , 2005, 65, 65-74.	0.8	2
52	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
53	Mine Water Literature in ISIâ€™s Science Citation Index Expandedâ„¢. <i>Mine Water and the Environment</i> , 2004, 23, 96-99.	0.9	6
54	Contemporary Reviews of Mine Water Studies in Europe. <i>Mine Water and the Environment</i> , 2004, 23, 161-161.	0.9	23

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55	Contemporary Reviews of Mine Water Studies in Europe, Part 1. Mine Water and the Environment, 2004, 23, 162-182.	0.9	42
56	Mine water tracing. Geological Society Special Publication, 2002, 198, 47-60.	0.8	11
57	Twenty years of the International Mine Water Association Journal – the First Issue. Mine Water and the Environment, 2002, 21, 100-101.	0.9	1
58	Regulation of Mine Waters in the European Union: The Contribution of Scientific Research to Policy Development. Mine Water and the Environment, 2002, 21, 193-200.	0.9	13
59	Rare Earth Elements (REEs) as Natural Tracers in Mine Waters. , 2002, , 951-958.		0
60	Flutungsprognose eines Uranbergwerks. , 1999, , 55-71.		0
61	Hydrogeochemical investigations of an abandoned uranium mine in the Erzgebirge/Germany. Applied Geochemistry, 1996, 11, 237-241.	1.4	8