

Mostafa Benzaazoua

List of Publications by Year in descending order

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papers

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205
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards an integrated approach for zero coal mine waste storage: solutions based on materials circularity and sustainable resource governance. Mineral Processing and Extractive Metallurgy Review, 2023, 44, 375-388.	5.0	5
2	Recycling of marls from phosphate by-products to produce alkali-activated geopolymers. Materials Today: Proceedings, 2022, 51, 1931-1936.	1.8	8
3	Passive treatment of acid mine drainage from the Sidi-Kamber mine wastes (Mediterranean coastline,) Tj ETQq1 1 0.784314 rgBT /Ov Environment, 2022, 807, 151002.	8.0	7
4	Assessment of hydrogeochemical behavior of layered waste rock stockpiles: A meso-scale laboratory experiment. Applied Geochemistry, 2022, 136, 105154.	3.0	1
5	A methodological approach applied to elaborate alkali-activated binders for mine paste backfills. Cement and Concrete Composites, 2022, 127, 104381.	10.7	22
6	Stabilization/solidification of acid mine drainage treatment sludge. , 2022, , 175-199.		0
7	Stabilization/solidification of sediments: challenges and novelties. , 2022, , 93-112.		1
8	Evaluation of the Long-Term Contaminated Neutral Drainage CND Generation Potential of Waste Rock Piles at the Abandoned Zn-Pb Erdouz Mine (Occidental High Atlas, Morocco). Mining, Metallurgy and Exploration, 2022, 39, 643-654.	0.8	3
9	Green and low-carbon cement for stabilization/solidification. , 2022, , 15-30.		0
10	Evaluation of the Performances of a Monolayer Cover with an Elevated Water Table Used for the Reclamation of the Abandoned Aldermac Mine Site (QuÃ©bec, Canada). Mining, 2022, 2, 65-85.	2.4	1
11	Assessment of the selective flotation of calcite, apatite and quartz using bio-based collectors: Flaxseed, nigella, and olive oils. Minerals Engineering, 2022, 182, 107589.	4.3	13
12	Alternative flotation collectors for the environmental desulfurization of gersdorffite (NiAsS) bearing mine tailings: Surface chemistry. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 647, 128943.	4.7	7
13	Improvement of water recovery from phosphate sludge at the M'Dhilla Mine, Tunisia. Environmental Science and Pollution Research, 2022, , 1.	5.3	1
14	Fusion of phosphate by-products and glass waste for preparation of alkali-activated binders. Composites Part B: Engineering, 2022, 242, 110044.	12.0	5
15	Environmental behavior of waste rocks based concrete: Leaching performance assessment. Resources Policy, 2021, 74, 101419.	9.6	17
16	Reprocessing feasibility of polymetallic waste rock for cleaner and sustainable mining. Journal of Geochemical Exploration, 2021, 220, 106683.	3.2	14
17	Use of clays by-products from phosphate mines for the manufacture of sustainable lightweight aggregates. Journal of Cleaner Production, 2021, 280, 124361.	9.3	29
18	An experimental investigation on collapsible behavior of dry compacted phosphate mine waste rock in road embankment. Transportation Geotechnics, 2021, 26, 100439.	4.5	9

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19	Use of phosphate mine by-products as supplementary cementitious materials. Materials Today: Proceedings, 2021, 37, 3781-3788.	1.8	13
20	Valorization of phosphate mine waste rocks as aggregates for concrete. Materials Today: Proceedings, 2021, 37, 3840-3846.	1.8	10
21	Sustainable use of phosphate waste rocks: From characterization to potential applications. Materials Chemistry and Physics, 2021, 260, 124119.	4.0	16
22	Manufacturing of high-performance ceramics using clays by-product from phosphate mines. Materials Today: Proceedings, 2021, 37, 3994-4000.	1.8	6
23	Editorial for the Launching of Mining Journal. Mining, 2021, 1, 1-5.	2.4	0
24	Use of flint from phosphate mine waste rocks as an alternative aggregates for concrete. Construction and Building Materials, 2021, 271, 121886.	7.2	29
25	Characterization of phosphate processing sludge from Tunisian mining basin and its potential valorization in fired bricks making. Journal of Cleaner Production, 2021, 284, 124750.	9.3	25
26	Evaluation of the Anthropogenic Metal Pollution at Osisko Lake: Sediments Characterization for Reclamation Purposes. Applied Sciences (Switzerland), 2021, 11, 2298.	2.5	7
27	Geochemical Assessment of Desulphurized Tailings as Cover Material in Cold Climates. Minerals (Basel, Switzerland), 2021, 11, 280.	2.0	2
28	Laboratory Study on the Effectiveness of Limestone and Cementitious Industrial Products for Acid Mine Drainage Remediation. Minerals (Basel, Switzerland), 2021, 11, 413.	2.0	7
29	Using Calcined Marls as Non-Common Supplementary Cementitious Materials—A Critical Review. Minerals (Basel, Switzerland), 2021, 11, 517.	2.0	11
30	Lead Mobilization and Speciation in Mining Waste: Experiments and Modeling. Minerals (Basel,) Tj ETQqO 0 0 rgBT /Q Overlock 10 Tf 50 30	2.0	5
31	Geochemical behaviour of benign desulphurised waste rocks for mine drainage control and sustainable management. Journal of Geochemical Exploration, 2021, 225, 106767.	3.2	12
32	Integrated valorization of silver mine tailings through silver recovery and ceramic materials production. Minerals Engineering, 2021, 170, 107060.	4.3	11
33	Role of secondary minerals in the acid generating potential of weathered mine tailings: Crystal-chemistry characterization and closed mine site management involvement. Science of the Total Environment, 2021, 784, 147105.	8.0	43
34	Substitution of Cement with Granulated Blast Furnace Slag in Cemented Paste Backfill: Evaluation of Technical and Chemical Properties. Minerals (Basel, Switzerland), 2021, 11, 1068.	2.0	8
35	A column study of the impact of layering the different Lac Tio mine waste rock lithologies on drainage water quality. Journal of Geochemical Exploration, 2021, 229, 106823.	3.2	3
36	Environmental desulfurization of mine wastes using various mineral processing techniques: Recent advances and opportunities. Minerals Engineering, 2021, 174, 107225.	4.3	28

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37	New insights related to the flotation of covellite in porphyry ores. Minerals Engineering, 2021, 174, 107242.	4.3	6
38	Incorporating Kinetic Modeling in the Development Stages of Hard Rock Mine Projects. Minerals (Basel, Switzerland), 2021, 11, 1306.	2.0	3
39	Towards Zero Solid Waste in the Sedimentary Phosphate Industry: Challenges and Opportunities. Minerals (Basel, Switzerland), 2021, 11, 1250.	2.0	21
40	Characterization of Kef Shfeir phosphate sludge (Gafsa, Tunisia) and optimization of its dewatering. Journal of Environmental Management, 2020, 254, 109801.	7.8	11
41	Treatment efficiency of iron-rich acid mine drainage in a tri-unit pilot system. Environmental Science and Pollution Research, 2020, 27, 8418-8430.	5.3	1
42	Freezing/thawing effects on geochemical behavior of residues from acid mine drainage passive treatment systems. Journal of Water Process Engineering, 2020, 33, 101087.	5.6	10
43	Editorial for Special Issue "Towards a Sustainable Management of Mine Wastes: Reprocessing, Reuse, Revalorization, and Repository". Minerals (Basel, Switzerland), 2020, 10, 21.	2.0	4
44	Sustainable Reuse of Coal Mine Waste: Experimental and Economic Assessments for Embankments and Pavement Layer Applications in Morocco. Minerals (Basel, Switzerland), 2020, 10, 851.	2.0	25
45	Mine wastes based geopolymers: A critical review. Cleaner Engineering and Technology, 2020, 1, 100014.	4.0	48
46	Occurrence of Sesquioxide in a Mid-Low Grade Collophane-Sedimentary Apatite Ore from Guizhou, China. Minerals (Basel, Switzerland), 2020, 10, 1038.	2.0	6
47	Review of the Main Factors Affecting the Flotation of Phosphate Ores. Minerals (Basel, Switzerland), 2020, 10, 1109.	2.0	34
48	Performances of stabilization/solidification process of acid mine drainage passive treatment residues: Assessment of the environmental and mechanical behaviors. Journal of Environmental Management, 2020, 269, 110764.	7.8	16
49	Alkaline dissolution potential of aluminosilicate minerals for the geosynthesis of mine paste backfill. Materials Today Communications, 2020, 24, 101221.	1.9	13
50	Phosphogypsum recycling: New horizons for a more sustainable road material application. Journal of Building Engineering, 2020, 30, 101267.	3.4	59
51	Environmental behavior of metal-rich residues from the passive treatment of acid mine drainage. Science of the Total Environment, 2020, 712, 136541.	8.0	19
52	Upstream environmental desulphurisation and valorisation of waste rocks as a sustainable AMD management approach. Journal of Geochemical Exploration, 2020, 215, 106555.	3.2	14
53	Elaboration of geopolymers based on clays by-products from phosphate mines for construction applications. Journal of Cleaner Production, 2020, 261, 121317.	9.3	51
54	Elaboration of alkali activated materials using a non-calcined red clay from phosphate mines amended with fly ash or slag: A structural study. Materials Chemistry and Physics, 2020, 256, 123678.	4.0	17

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55	Desulfurization of the Old Tailings at the Au-Ag-Cu Tiouit Mine (Anti-Atlas Morocco). Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.0	28
56	Environmental Impact of Mine Exploitation: An Early Predictive Methodology Based on Ore Mineralogy and Contaminant Speciation. Minerals (Basel, Switzerland), 2019, 9, 397.	2.0	17
57	CIL Gold Loss Characterization within Oxidized Leach Tails: Creating a Synergistic Approach between Mineralogical Characterization, Diagnostic Leach Tests, and Preg-Robbing Tests. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.0	28
58	Prediction of the environmental behavior of residues from the passive treatment of acid mine drainage. Applied Geochemistry, 2019, 110, 104421.	3.0	15
59	In Situ Effectiveness of Alkaline and Cementitious Amendments to Stabilize Oxidized Acid-Generating Tailings. Minerals (Basel, Switzerland), 2019, 9, 314.	2.0	31
60	Alternatives to xanthate collectors for the desulphurization of ores and tailings: Pyrite surface chemistry. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 577, 333-346.	4.7	12
61	Stability of metal-rich residues from laboratory multi-step treatment system for ferriferous acid mine drainage. Environmental Science and Pollution Research, 2019, 26, 35588-35601.	5.3	14
62	Valorization of Phosphate Mine Waste Rocks as Materials for Road Construction. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlo	2.0	43
63	Spatial Mapping of Acidity and Geochemical Properties of Oxidized Tailings within the Former Eagle/Telbel Mine Site. Minerals (Basel, Switzerland), 2019, 9, 180.	2.0	17
64	Environmental characterization of mine waste at the Pb-Zn Sidi Kamber abandoned mine (NE Algeria). Rendiconti Lincei, 2019, 30, 427-441.	2.2	9
65	Valorization of clay by-product from moroccan phosphate mines for the production of fired bricks. Journal of Cleaner Production, 2019, 229, 169-179.	9.3	62
66	Concrete containing low-sulphide waste rocks as fine and coarse aggregates: Preliminary assessment of materials. Journal of Cleaner Production, 2019, 221, 419-429.	9.3	29
67	Mine Backfilling in the Permafrost, Part I: Numerical Prediction of Thermal Curing Conditions within the Cemented Paste Backfill Matrix. Minerals (Basel, Switzerland), 2019, 9, 165.	2.0	7
68	Editorial for Special Issue: "Recent Trends in Phosphate Mining, Beneficiation and Related Waste Management". Minerals (Basel, Switzerland), 2019, 9, 755.	2.0	5
69	Determination of the available acid-generating potential of waste rock, part II: Waste management involvement. Applied Geochemistry, 2019, 100, 316-325.	3.0	39
70	Environmental challenges and identification of the knowledge gaps associated with REE mine wastes management. Journal of Cleaner Production, 2019, 212, 1232-1241.	9.3	48
71	Pb-Zn mine tailings reprocessing using centrifugal dense media separation. Minerals Engineering, 2019, 131, 28-37.	4.3	17
72	The role of hardpan formation on the reactivity of sulfidic mine tailings: A case study at Joutel mine (QuÃ©bec). Science of the Total Environment, 2019, 654, 118-128.	8.0	34

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73	Automated sulfides quantification by multispectral optical microscopy. Minerals Engineering, 2019, 131, 38-50.	4.3	15
74	Recycling of phosphate mine tailings for the production of geopolymers. Journal of Cleaner Production, 2018, 185, 891-903.	9.3	115
75	Mobility of rare earth elements in mine drainage: Influence of iron oxides, carbonates, and phosphates. Chemosphere, 2018, 199, 647-654.	8.2	29
76	Application of Quebec recycling guidelines to assess the use feasibility of waste rocks as construction aggregates. Resources Policy, 2018, 59, 68-76.	9.6	19
77	Geochemistry of rare earth elements within waste rocks from the Montviel carbonatite deposit, Québec, Canada. Environmental Science and Pollution Research, 2018, 25, 10997-11010.	5.3	14
78	Characterization of how contaminants arise in a dredged marine sediment and analysis of the effect of natural weathering. Science of the Total Environment, 2018, 624, 323-332.	8.0	26
79	Leaching and geochemical behavior of fired bricks containing coal wastes. Journal of Environmental Management, 2018, 209, 227-235.	7.8	32
80	Integrated environmental management of pyrrhotite tailings at Raglan Mine: Part 2 desulphurized tailings as cover material. Journal of Cleaner Production, 2018, 186, 883-893.	9.3	23
81	An investigation of crack formation in surface paste disposal method for pyritic Pb-Zn tailings. International Journal of Environmental Science and Technology, 2018, 15, 281-288.	3.5	9
82	Influence of superplasticizers on mechanical properties and workability of cemented paste backfill. Minerals Engineering, 2018, 116, 3-14.	4.3	90
83	Mineralogical characterization using QEMSCAN® and leaching potential study of REE within silicate ores: A case study of the Matamec project, Québec, Canada. Journal of Geochemical Exploration, 2018, 185, 64-73.	3.2	23
84	Determination of the available acid-generating potential of waste rock, part I: Mineralogical approach. Applied Geochemistry, 2018, 99, 31-41.	3.0	55
85	Changes in Efficiency and Hydraulic Parameters During the Passive Treatment of Ferriferous Acid Mine Drainage in Biochemical Reactors. Mine Water and the Environment, 2018, 37, 686-695.	2.0	16
86	Rare Earth Elements (La, Ce, Pr, Nd, and Sm) from a Carbonatite Deposit: Mineralogical Characterization and Geochemical Behavior. Minerals (Basel, Switzerland), 2018, 8, 55.	2.0	17
87	Recovery of Residual Silver-Bearing Minerals from Low-Grade Tailings by Froth Flotation: The Case of Zgounder Mine, Morocco. Minerals (Basel, Switzerland), 2018, 8, 273.	2.0	10
88	Use of acid mine drainage treatment sludge by combination with a natural soil as an oxygen barrier cover for mine waste reclamation: Laboratory column tests and intermediate scale field tests. Minerals Engineering, 2017, 107, 43-52.	4.3	41
89	A contribution to improve the calculation of the acid generating potential of mining wastes. Chemosphere, 2017, 175, 97-107.	8.2	21
90	Integrated environmental management of pyrrhotite tailings at Raglan Mine: Part 1 challenges of desulphurization process and reactivity prediction. Journal of Cleaner Production, 2017, 162, 86-95.	9.3	33

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91	Laboratory Characterization of Cemented Tailings Paste Containing Crushed Waste Rocks for Improved Compressive Strength Development. <i>Geotechnical and Geological Engineering</i> , 2017, 35, 645-662.	1.7	17
92	The role of sulfide minerals in the genesis of groundwater with elevated geogenic arsenic in bedrock aquifers from western Quebec, Canada. <i>Chemical Geology</i> , 2017, 474, 33-44.	3.3	18
93	Development of a modified kinetic test using EDTA and citric acid for the prediction of contaminated neutral drainage. <i>Journal of Geochemical Exploration</i> , 2017, 181, 58-68.	3.2	9
94	Iron removal in highly contaminated acid mine drainage using passive biochemical reactors. <i>Water Science and Technology</i> , 2017, 76, 1833-1843.	2.5	18
95	Mobility and speciation of geogenic arsenic in bedrock groundwater from the Canadian Shield in western Quebec, Canada. <i>Science of the Total Environment</i> , 2017, 574, 509-519.	8.0	54
96	Recovery and reuse of sludge from active and passive treatment of mine drainage-impacted waters: a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 73-91.	5.3	56
97	Evaluation of biogeochemical reactivity of fresh and weathered contaminated dredged sediments. <i>Journal of Soils and Sediments</i> , 2017, 17, 543-556.	3.0	4
98	Hydrogeological behaviour of an inclined store-and-release cover experimental cell made with phosphate mine wastes. <i>Canadian Geotechnical Journal</i> , 2017, 54, 102-116.	2.8	19
99	Recycling Feasibility of Glass Wastes and Calamine Processing Tailings in Fired Bricks Making. <i>Waste and Biomass Valorization</i> , 2017, 8, 1479-1489.	3.4	28
100	Coal mine wastes recycling for coal recovery and eco-friendly bricks production. <i>Minerals Engineering</i> , 2017, 107, 123-138.	4.3	104
101	Geochemical investigation of the galvanic effects during oxidation of pyrite and base-metals sulfides. <i>Chemosphere</i> , 2017, 166, 281-291.	8.2	48
102	Control of acid mine drainage from an abandoned mine in Morocco by using cement kiln dust and fly ash as amendments. <i>Journal of Materials and Environmental Science</i> , 2017, 8, 4457-4466.	0.5	1
103	Spatial and Temporal Stability of Major and Trace Element Leaching in Urban Stormwater Sediments. <i>Open Journal of Soil Science</i> , 2017, 07, 347-365.	0.8	8
104	Natural clay substitution by calamine processing wastes to manufacture fired bricks. <i>Journal of Cleaner Production</i> , 2016, 135, 847-858.	9.3	67
105	Column Kinetic Tests Assessing Geochemical Behavior of Mine Wastes in the Jerada Coal District (Morocco). <i>Mine Water and the Environment</i> , 2016, 35, 497-507.	2.0	2
106	Assessment of Trace Elements in Soils and Mine Water Surrounding a Closed Manganese Mine (Anti Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	3
107	Impact of fresh tailing deposition on the evolution of groundwater hydrogeochemistry at the abandoned Manitou mine site, Quebec, Canada. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9054-9072.	5.3	16
108	Manufacturing of ceramic products using calamine hydrometallurgical processing wastes. <i>Journal of Cleaner Production</i> , 2016, 127, 500-510.	9.3	17

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109	A Review and Evaluation of the Impacts of Climate Change on Geogenic Arsenic in Groundwater from Fractured Bedrock Aquifers. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	47
110	Gravity-driven 1-D consolidation of cemented paste backfill in 3-m-high columns. <i>Innovative Infrastructure Solutions</i> , 2016, 1, 1.	2.2	15
111	Environmental evaluation of dredged sediment submitted to a solidification stabilization process using hydraulic binders. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17142-17157.	5.3	19
112	Geochemical behavior and environmental risks related to the use of abandoned base-metal tailings as construction material in the upper-Moulouya district, Morocco. <i>Environmental Science and Pollution Research</i> , 2016, 23, 598-611.	5.3	26
113	Stakeholders' perceptions of sustainable mining in Morocco: A case study of the abandoned Kettara mine. <i>The Extractive Industries and Society</i> , 2016, 3, 185-192.	1.2	15
114	Valorization of Phosphate Waste Rocks and Sludge from the Moroccan Phosphate Mines: Challenges and Perspectives. <i>Procedia Engineering</i> , 2016, 138, 110-118.	1.2	111
115	Feasibility of the reuse of total and processed contaminated marine sediments as fine aggregates in cemented mortars. <i>Construction and Building Materials</i> , 2016, 112, 892-902.	7.2	39
116	Preliminary geotechnical assessment of the potential use of mixtures of soil and acid mine drainage neutralization sludge as materials for the moisture retention layer of covers with capillary barrier effects. <i>Canadian Geotechnical Journal</i> , 2016, 53, 828-838.	2.8	9
117	Hydrogeological Behavior of a Store-and-Release Cover: A Comparison Between Field Column Tests and Numerical Predictions With or Without Hysteresis Effects. <i>Mine Water and the Environment</i> , 2016, 35, 221-234.	2.0	7
118	Tailings Weathering and Arsenic Mobility at the Abandoned Zgounder Silver Mine, Morocco. <i>Mine Water and the Environment</i> , 2016, 35, 508-524.	2.0	14
119	A comparative study on the practical use of low sulfide base-metal tailings as aggregates for rendering and masonry mortars. <i>Journal of Cleaner Production</i> , 2016, 112, 914-925.	9.3	47
120	Evaluation of the effect of sodium silicate addition to mine backfill, Gelfill [®] Part 1. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2015, 7, 266-272.	8.1	21
121	Evaluation of the effect of sodium silicate addition to mine backfill, Gelfill [®] Part 2: Effects of mixing time and curing temperature. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2015, 7, 668-673.	8.1	23
122	Specimen size effect on strength behavior of cemented paste backfills subjected to different placement conditions. <i>Engineering Geology</i> , 2015, 185, 52-62.	6.3	119
123	Field experimental cells to assess hydrogeological behaviour of store-and-release covers made with phosphate mine waste. <i>Canadian Geotechnical Journal</i> , 2015, 52, 1255-1269.	2.8	27
124	The flotation tailings of the former Pb-Zn mine of Touiref (NW Tunisia): mineralogy, mine drainage prediction, base-metal speciation assessment and geochemical modeling. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2877-2890.	5.3	16
125	ASTM Normalized Humidity Cell Kinetic Test: Protocol Improvements for Optimal Sulfide Tailings Reactivity. <i>Mine Water and the Environment</i> , 2015, 34, 242-257.	2.0	9
126	Valorization of acid mine drainage treatment sludge as remediation component to control acid generation from mine wastes, part 2: Field experimentation. <i>Minerals Engineering</i> , 2015, 76, 117-125.	4.3	22

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127	Valorisation of acid mine drainage treatment sludge as remediation component to control acid generation from mine wastes, part 1: Material characterization and laboratory kinetic testing. Minerals Engineering, 2015, 76, 109-116.	4.3	28
128	A quantitative approach for the estimation of the "fizz rating" parameter in the acid-base accounting tests: A new adaptations of the Sobek test. Journal of Geochemical Exploration, 2015, 153, 53-65.	3.2	35
129	Use of EDTA in modified kinetic testing for contaminated drainage prediction from waste rocks: case of the Lac Tio mine. Environmental Science and Pollution Research, 2015, 22, 7882-7896.	5.3	9
130	An innovative coupling between column leaching and oxygen consumption tests to assess behavior of contaminated marine dredged sediments. Environmental Science and Pollution Research, 2015, 22, 10943-10955.	5.3	13
131	Reuse of base-metal tailings as aggregates for rendering mortars: Assessment of immobilization performances and environmental behavior. Construction and Building Materials, 2015, 96, 296-306.	7.2	59
132	Curing time effect on consolidation behaviour of cemented paste backfill containing different cement types and contents. Construction and Building Materials, 2015, 75, 99-111.	7.2	156
133	Cement hydration and durability of low sulfide tailings-based renders: A case study in Moroccan constructions. Minerals Engineering, 2015, 76, 97-108.	4.3	18
134	Removal of copper in leachate from mining residues using electrochemical technology. Journal of Environmental Management, 2014, 133, 78-85.	7.8	32
135	Prediction of Acid Mine Drainage: Importance of Mineralogy and the Test Protocols for Static and Kinetic Tests. Mine Water and the Environment, 2014, 33, 54-65.	2.0	61
136	Phosphate Carbonated Wastes Used as Drains for Acidic Mine Drainage Passive Treatment. Procedia Engineering, 2014, 83, 407-414.	1.2	19
137	Influence of disposal configurations on hydrogeological behaviour of sulphidic paste tailings: A field experimental study. International Journal of Mineral Processing, 2014, 131, 12-25.	2.6	52
138	Lab to field scale effects on contaminated neutral drainage prediction from the Tio mine waste rocks. Journal of Geochemical Exploration, 2014, 137, 37-47.	3.2	52
139	Effects of curing and stress conditions on hydromechanical, geotechnical and geochemical properties of cemented paste backfill. Engineering Geology, 2014, 168, 23-37.	6.3	161
140	Revue de littérature d'actualité sur les tests statiques et les essais cinétiques comme outils de prédiction du drainage minier acide. Déchets Sciences Et Techniques, 2014, , .	0.1	2
141	The Potential Use of Phosphatic Limestone Wastes in the Passive Treatment of AMD: A Laboratory Study. Mine Water and the Environment, 2013, 32, 266-277.	2.0	34
142	The Geochemical Behaviour of Mine Tailings from the Touiref Pb-Zn District in Tunisia in Weathering Cells Leaching Tests. Mine Water and the Environment, 2013, 32, 28-41.	2.0	28
143	Assessment of Phosphate Limestone Wastes as a Component of a Store-and-Release Cover in a Semiarid Climate. Mine Water and the Environment, 2013, 32, 152-167.	2.0	41
144	Surface chemical characterization of different pyrite size fractions for flotation purposes. International Journal of Mineral Processing, 2013, 118, 1-14.	2.6	46

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145	Mineralogical study and leaching behavior of a stabilized harbor sediment with hydraulic binder. Environmental Science and Pollution Research, 2013, 20, 51-59.	5.3	22
146	Geochemical Behavior of Mine Tailings and Waste Rock at the Abandoned Cu-Mo Azegour Mine (Occidental High Atlas, Morocco). Mine Water and the Environment, 2013, 32, 121-132.	2.0	13
147	Study of physico-chemical and mechanical characteristics of consolidated and unconsolidated cemented paste backfills. Gospodarka Surowcami Mineralnymi / Mineral Resources Management, 2013, 29, 81-100.	0.2	35
148	Laboratory Characterization of Mining Cemented Rockfill by NDT Methods: Experimental Set-up and Testing. , 2013, , 935-941.		2
149	One-Dimensional Consolidation Parameters Of Cemented Paste Backfills / Parametry Jednowymiarowej Konsolidacji Podsadzki W Postaci Cementowej Pasty. Gospodarka Surowcami Mineralnymi / Mineral Resources Management, 2012, 28, .	0.2	14
150	Capacity of Wood Ash Filters to Remove Iron from Acid Mine Drainage: Assessment of Retention Mechanism. Mine Water and the Environment, 2012, 31, 273-286.	2.0	30
151	Dissolution of calcitic marble and dolomitic rock in high iron concentrated acid mine drainage: application to anoxic limestone drains. Environmental Earth Sciences, 2012, 66, 2387-2401.	2.7	41
152	Static tests response on 5 Canadian hard rock mine tailings with low net acid-generating potentials. Journal of Geochemical Exploration, 2012, 114, 57-69.	3.2	55
153	Arsenic speciation in cemented paste backfills and synthetic calcium-silicate-hydrates. Minerals Engineering, 2012, 39, 51-61.	4.3	24
154	Alternative by-product based binders for cemented mine backfill: Recipes optimisation using Taguchi method. Minerals Engineering, 2012, 29, 28-38.	4.3	64
155	Assessment of arsenic immobilization in synthetically prepared cemented paste backfill specimens. Journal of Environmental Management, 2012, 93, 10-21.	7.8	46
156	Estimation of the cementitious properties of various industrial by-products for applications requiring low mechanical strength. Resources, Conservation and Recycling, 2011, 56, 22-33.	10.8	38
157	Laboratory study of surface paste disposal for sulfidic tailings: Physical model testing. Minerals Engineering, 2011, 24, 794-806.	4.3	31
158	Predicting Geochemical Behaviour of Waste Rock with Low Acid Generating Potential Using Laboratory Kinetic Tests. Mine Water and the Environment, 2011, 30, 2-21.	2.0	52
159	Kinetic Testing and Sorption Studies by Modified Weathering Cells to Characterize the Potential to Generate Contaminated Neutral Drainage. Mine Water and the Environment, 2011, 30, 22-37.	2.0	36
160	Relationships between microstructural properties and compressive strength of consolidated and unconsolidated cemented paste backfills. Cement and Concrete Composites, 2011, 33, 702-715.	10.7	143
161	Arsenic stability in arsenopyrite-rich cemented paste backfills: A leaching test-based assessment. Journal of Hazardous Materials, 2011, 185, 1467-1476.	12.4	65
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