

William M Skinner

List of Publications by Year in descending order

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188
papers

7,272
citations

47006

47
h-index

82547

72
g-index

189
all docs

189
docs citations

189
times ranked

7264
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Mining Tailings as Analog of Rare Earth Elements Resources: Part 1 – Characterization and Preliminary Separation. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2022, 43, 701-715.	5.0	12
2	Influence of grinding conditions on the pulp chemistry and flotation of oxidised pyrite. <i>Minerals Engineering</i> , 2022, 177, 107385.	4.3	6
3	Recovery of Rare Earth Elements Minerals from Iron-Oxide-Silicate-Rich Tailings: Research Review. <i>Eng</i> , 2022, 3, 259-275.	2.4	7
4	A europium metal-organic framework for dual Fe ³⁺ ion and pH sensing. <i>Scientific Reports</i> , 2022, 12, .	3.3	14
5	Refractory gold ores and concentrates part 2: gold mineralisation and deportment in flotation concentrates and bio-oxidised products. <i>Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy</i> , 2021, 130, 269-282.	0.2	5
6	Refractory gold ores and concentrates part 1: mineralogical and physico-chemical characteristics. <i>Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy</i> , 2021, 130, 240-252.	0.2	8
7	Differential flotation of pyrite and arsenopyrite: Effect of hydrogen peroxide and collector type. <i>Minerals Engineering</i> , 2021, 163, 106808.	4.3	24
8	Amine-functionalized natural zeolites prepared through plasma polymerization for enhanced carbon dioxide adsorption. <i>Plasma Processes and Polymers</i> , 2021, 18, 2100028.	3.0	9
9	Decoupling pyrite and arsenopyrite in flotation using thionocarbamate collector. <i>Powder Technology</i> , 2021, 385, 12-20.	4.2	24
10	Surface chemistry of oxidised pyrite during grinding: ToF-SIMS and XPS surface analysis. <i>Minerals Engineering</i> , 2021, 170, 106992.	4.3	14
11	Modelling the fluidised bed in HydroFloat [®] for improved process control. <i>Powder Technology</i> , 2021, 388, 241-250.	4.2	7
12	Predicting mill feed grind characteristics through acoustic measurements. <i>Minerals Engineering</i> , 2021, 171, 107099.	4.3	8
13	AG/SAG mill acoustic emissions characterisation under different operating conditions. <i>Minerals Engineering</i> , 2021, 171, 107098.	4.3	7
14	Characterisation of Metal Debris in Grinding and Flotation Circuits. <i>Minerals Engineering</i> , 2021, 171, 107074.	4.3	10
15	Enhancing gold recovery from refractory bio-oxidised gold concentrates through high intensity milling. <i>Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy</i> , 2020, 129, 64-73.	0.2	8
16	Physico-chemical modification of natural mordenite-clinoptilolite zeolites and their enhanced CO ₂ adsorption capacity. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109871.	4.4	52
17	New interpretation and approach to curve fitting synchrotron X-ray photoelectron spectra of (Fe,Ni) ₉ S ₈ fracture surfaces. <i>Applied Surface Science</i> , 2020, 504, 144458.	6.1	16
18	Comparison of the performance of different comminution technologies in terms of energy efficiency and mineral liberation. <i>Minerals Engineering</i> , 2020, 156, 106454.	4.3	9

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19	Superabsorbent dewatering of refractory gold concentrate slurries. <i>Advanced Powder Technology</i> , 2020, 31, 3168-3176.	4.1	7
20	A Novel Pneumatic Planar Magnetic Separator for Magnetite Beneficiation: A Focus on Flowsheet Configuration. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 759.	2.0	4
21	Assessment of the frequency and nature of erroneous x-ray photoelectron spectroscopy analyses in the scientific literature. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	2.1	105
22	Economic and Socio-Environmental Benefits of Dry Beneficiation of Magnetite Ores. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 759.	2.0	4
23	Electrochemical and spectroscopic analysis of enargite (Cu ₃ AsS ₄) dissolution mechanism in sulfuric acid solution. <i>Hydrometallurgy</i> , 2020, 194, 105346.	4.3	6
24	Assessing the performance of a novel pneumatic magnetic separator for the beneficiation of magnetite ore. <i>Minerals Engineering</i> , 2020, 156, 106483.	4.3	20
25	Multi-instrument characterization of HiPIMS and DC magnetron sputtered tungsten and copper films. <i>Surface and Interface Analysis</i> , 2020, 52, 433-441.	1.8	8
26	Application of ToF-SIMS to predict contact angles of pyrite particles. <i>Minerals Engineering</i> , 2020, 147, 106168.	4.3	10
27	Proliferation of Faulty Materials Data Analysis in the Literature. <i>Microscopy and Microanalysis</i> , 2020, 26, 1-2.	0.4	59
28	Influence of matrix type on WHIMS performance in the magnetic processing of iron ores. <i>Minerals Engineering</i> , 2020, 152, 106346.	4.3	12
29	Improved dewatering of clay rich mineral dispersions using recyclable superabsorbent polymers. <i>Chemical Engineering Research and Design</i> , 2019, 142, 78-86.	5.6	10
30	Recovery of rare earth elements minerals from iron oxide-silicate rich tailings Part 2: Froth flotation separation. <i>Minerals Engineering</i> , 2019, 142, 105888.	4.3	28
31	Forces between zinc sulphide surfaces; amplification of the hydrophobic attraction by surface charge. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20055-20064.	2.8	3
32	Flotation recovery of rare earth oxides from hematite-quartz mixture using sodium oleate as a collector. <i>Minerals Engineering</i> , 2019, 141, 105847.	4.3	21
33	Superabsorbent-mediated dewaterability of fine hydrophobic sulphide mineral slurries. <i>Separation Science and Technology</i> , 2019, 54, 3055-3069.	2.5	5
34	Pulp mineralogy and chemistry, leaching and rheological behaviour relationships of refractory gold ore dispersions. <i>Chemical Engineering Research and Design</i> , 2019, 146, 87-103.	5.6	15
35	Recovery of rare earth elements minerals from iron oxide-silicate rich tailings Part 1: Magnetic separation. <i>Minerals Engineering</i> , 2019, 136, 50-61.	4.3	39
36	Copper Metallopolymer Catalyst for the Electrocatalytic Hydrogen Evolution Reaction (HER). <i>Polymers</i> , 2019, 11, 110.	4.5	8

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37	A study of the feasibility of upgrading rare earth elements minerals from iron-oxide-silicate rich tailings using Knelson concentrator and Wilfley shaking table. Powder Technology, 2019, 344, 897-913.	4.2	29
38	The effect of biochar feedstock, pyrolysis temperature, and application rate on the reduction of ammonia volatilisation from biochar-amended soil. Science of the Total Environment, 2018, 627, 942-950.	8.0	105
39	Leaching behaviour of mechano-chemically activated bio-oxidised refractory flotation gold concentrates. Powder Technology, 2018, 331, 258-269.	4.2	31
40	The upgrading of rare earth oxides from iron-oxide silicate rich tailings: Flotation performance using sodium oleate and hydroxamic acid as collectors. Advanced Powder Technology, 2018, 29, 3163-3172.	4.1	23
41	Alkaline cyanide leaching of refractory gold flotation concentrates and bio-oxidised products: The effect of process variables. Hydrometallurgy, 2018, 179, 79-93.	4.3	43
42	A study of selective flotation recovery of rare earth oxides from hematite and quartz using hydroxamic acid as a collector. Advanced Powder Technology, 2018, 29, 1886-1899.	4.1	42
43	The impact of preload on the mobilisation of multivalent trace metals in pyrite-rich sediment. Environmental Monitoring and Assessment, 2018, 190, 398.	2.7	8
44	Preconcentration strategies in the processing of nickel laterite ores Part 5: Effect of mineralogy. Minerals Engineering, 2017, 110, 31-39.	4.3	12
45	Selective flotation of rare earth oxides from hematite and quartz mixtures using oleic acid as a collector. International Journal of Mineral Processing, 2017, 169, 60-69.	2.6	27
46	Diaminotetrazine based mesoporous C ₃ N ₆ with a well-ordered 3D cubic structure and its excellent photocatalytic performance for hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 18183-18192.	10.3	75
47	A study of flotation characteristics of monazite, hematite, and quartz using anionic collectors. International Journal of Mineral Processing, 2017, 158, 55-62.	2.6	66
48	Sulfur crosslinks from thermal degradation of chitosan dithiocarbamate derivatives and thermodynamic study for sorption of copper and cadmium from aqueous system. Environmental Science and Pollution Research, 2016, 23, 1050-1059.	5.3	18
49	SWCNT photocathodes sensitised with InP/ZnS core-shell nanocrystals. Journal of Materials Chemistry C, 2016, 4, 3379-3384.	5.5	15
50	Analytical characterisation of nanoscale zero-valent iron: A methodological review. Analytica Chimica Acta, 2016, 903, 13-35.	5.4	87
51	Atmospheric acid leaching mechanisms and kinetics and rheological studies of a low grade saprolitic nickel laterite ore. Hydrometallurgy, 2016, 160, 26-37.	4.3	45
52	Polyethyleneimine for copper absorption II: kinetics, selectivity and efficiency from seawater. RSC Advances, 2015, 5, 51883-51890.	3.6	54
53	Challenges and opportunities in the recovery/rejection of trace elements in copper flotation-a review. Minerals Engineering, 2015, 78, 45-57.	4.3	23
54	Post-regrind selective depression of pyrite in pyritic copper-gold flotation using aeration and diethylenetriamine. Minerals Engineering, 2015, 72, 36-46.	4.3	19

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55	Incorporating fluidised-bed flotation into a conventional flotation flowsheet: A focus on energy implications of coarse particle recovery. Powder Technology, 2015, 275, 85-93.	4.2	14
56	Acid leaching and rheological behaviour of a siliceous goethitic nickel laterite ore: Influence of particle size and temperature. Minerals Engineering, 2015, 77, 52-63.	4.3	23
57	Flotation of coarse composite particles in mechanical cell vs. the fluidised-bed separator (The) Tj ETQq1 1 0.784314 rrgBT /Overlock 10	4.3	34
58	Preconcentration strategies in the processing of nickel laterite ores part 2: Laboratory experiments. Minerals Engineering, 2015, 79, 269-278.	4.3	25
59	Preconcentration strategies in the processing of nickel laterite ores Part 1: Literature review. Minerals Engineering, 2015, 79, 261-268.	4.3	45
60	Preconcentration strategies in the processing of nickel laterite ores Part 4: Preliminary dewatering studies. Minerals Engineering, 2015, 79, 287-294.	4.3	11
61	CuInS ₂ /ZnS nanocrystals as sensitizers for NiO photocathodes. Journal of Materials Chemistry A, 2015, 3, 13324-13331.	10.3	35
62	Rapid microwave assisted synthesis of nearly monodisperse aqueous CuInS ₂ /ZnS nanocrystals. CrystEngComm, 2015, 17, 7820-7823.	2.6	6
63	Effect of mineralogy and temperature on atmospheric acid leaching and rheological behaviour of model oxide and clay mineral dispersions. Powder Technology, 2015, 286, 420-430.	4.2	11
64	Control of the spatial homogeneity of pore surface chemistry in particulate activated carbon. Carbon, 2015, 95, 144-149.	10.3	13
65	Characterisation of coarse composite sphalerite particles with respect to flotation. Minerals Engineering, 2015, 71, 105-112.	4.3	9
66	Detachment of coarse composite sphalerite particles from bubbles in flotation: Influence of xanthate collector type and concentration. Minerals Engineering, 2015, 71, 73-84.	4.3	36
67	Concomitant reduction and immobilization of chromium in relation to its bioavailability in soils. Environmental Science and Pollution Research, 2015, 22, 8969-8978.	5.3	73
68	NiO Nanofibers as a Candidate for a Nanophotocathode. Nanomaterials, 2014, 4, 256-266.	4.1	49
69	Agglomeration and column leaching behaviour of nickel laterite ores: Effect of ore mineralogy and particle size distribution. Hydrometallurgy, 2014, 146, 29-39.	4.3	26
70	Critical contact angle for coarse sphalerite flotation in a fluidised-bed separator vs. a mechanically agitated cell. Minerals Engineering, 2014, 60, 51-59.	4.3	25
71	Single and mixed oxide and clay particle agglomeration: Influence of feed mineralogy and percent drum volume loading. Powder Technology, 2014, 253, 568-579.	4.2	6
72	The influence of pyrite content on the flotation of chalcopyrite/pyrite mixtures. Minerals Engineering, 2014, 55, 87-95.	4.3	68

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73	Dissolution and rheological behaviour of hematite and quartz particles in aqueous media at pH 1. <i>Chemical Engineering Research and Design</i> , 2014, 92, 2509-2522.	5.6	14
74	Cation exchange of aqueous CuInS_2 quantum dots. <i>CrystEngComm</i> , 2014, 16, 9455-9460.	2.6	21
75	Polyethyleneimine for copper absorption: kinetics, selectivity and efficiency in artificial seawater. <i>RSC Advances</i> , 2014, 4, 25063-25066.	3.6	48
76	Synthesis and Phase Transfer of Monodisperse Iron Oxide (Fe_3O_4) Nanocubes. <i>Australian Journal of Chemistry</i> , 2014, 67, 663.	0.9	15
77	Silicon diatom frustules as nanostructured photoelectrodes. <i>Chemical Communications</i> , 2014, 50, 10441.	4.1	55
78	Effect of visible light and electrode wetting on the capacitive performance of S- and N-doped nanoporous carbons: Importance of surface chemistry. <i>Carbon</i> , 2014, 78, 540-558.	10.3	37
79	The effects of activated carbon surface features on the reactive adsorption of carbamazepine and sulfamethoxazole. <i>Carbon</i> , 2014, 80, 419-432.	10.3	154
80	Diethylenetriamine depression of Cu-activated pyrite hydrophobised by xanthate. <i>Minerals Engineering</i> , 2014, 57, 36-42.	4.3	43
81	Agglomeration and column leaching behaviour of goethitic and saprolitic nickel laterite ores. <i>Minerals Engineering</i> , 2014, 65, 1-8.	4.3	20
82	Electronic environments in $\text{Ni}_3\text{Pb}_2\text{S}_2$ (shandite) and its initial oxidation in air. <i>Journal of Solid State Chemistry</i> , 2013, 206, 32-37.	2.9	9
83	Influence of fluorite on the isothermal leaching and rheological behaviours of chlorite mineral pulps at low pH. <i>International Journal of Mineral Processing</i> , 2013, 123, 1-8.	2.6	5
84	Influence of gold mineralogy on its flotation recovery in a porphyry copper "gold ore. <i>Chemical Engineering Science</i> , 2013, 99, 127-138.	3.8	14
85	Optimization of operating parameters for coarse sphalerite flotation in the HydroFloat fluidised-bed separator. <i>Minerals Engineering</i> , 2013, 50-51, 99-105.	4.3	36
86	Agglomeration behaviour and product structure of clay and oxide minerals. <i>Chemical Engineering Science</i> , 2013, 98, 40-50.	3.8	18
87	Synthesis and Characterization of Thiolated Chitosan Beads for Removal of Cu(II) and Cd(II) from Wastewater. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	29
88	pH-mediated interfacial chemistry and particle interactions in aqueous chlorite dispersions. <i>Chemical Engineering Research and Design</i> , 2013, 91, 448-456.	5.6	11
89	Stirred milling kinetics of siliceous goethitic nickel laterite for selective comminution. <i>Minerals Engineering</i> , 2013, 49, 109-115.	4.3	28
90	Sulfur-Containing Chitin and Chitosan Derivatives as Trace Metal Adsorbents: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 1741-1794.	12.8	42

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91	Column leaching of nickel laterite agglomerates: Effect of feed size. <i>Hydrometallurgy</i> , 2013, 134-135, 144-149.	4.3	22
92	Formation of As(II)-pyrite during experimental replacement of magnetite under hydrothermal conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 100, 1-10.	3.9	60
93	Effect of particle size distribution on recovery of coarse chalcopyrite and galena in Denver flotation cell. <i>Canadian Metallurgical Quarterly</i> , 2013, 52, 465-472.	1.2	22
94	Model Surfaces Produced by Atomic Layer Deposition. <i>Chemistry Letters</i> , 2012, 41, 1247-1249.	1.3	12
95	Upgrading of low-grade gold ore samples for improved particle characterisation using Micro-CT and SEM/EDX. <i>Advanced Powder Technology</i> , 2012, 23, 498-508.	4.1	14
96	Determination of Contact Angles, Silane Coverage, and Hydrophobicity Heterogeneity of Methylated Quartz Surfaces Using ToF-SIMS. <i>Langmuir</i> , 2012, 28, 7360-7367.	3.5	16
97	Direct Measurement of van der Waals and Diffuse Double-Layer Forces between Titanium Dioxide Surfaces Produced by Atomic Layer Deposition. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7838-7847.	3.1	39
98	Leaching behaviour of low and high Fe-substituted chlorite clay minerals at low pH. <i>Hydrometallurgy</i> , 2012, 125-126, 100-108.	4.3	12
99	Microstructure analysis of Ni laterite agglomerates for enhanced heap leaching. <i>Powder Technology</i> , 2012, 232, 106-112.	4.2	18
100	A Comparison of Washing Methods for Hair Mineral Analysis: Internal Versus External Effects. <i>Biological Trace Element Research</i> , 2012, 150, 10-14.	3.5	27
101	Rheological behavior of muscovite clay slurries: Effect of water quality and solution speciation. <i>International Journal of Mineral Processing</i> , 2012, 102-103, 89-98.	2.6	13
102	Gelation of aqueous clay mineral dispersions leaching at low pH: Effect of mineral/pulp composition and temperature. <i>Powder Technology</i> , 2012, 223, 98-104.	4.2	8
103	Muscovite clay mineral particle interactions in aqueous media. <i>Powder Technology</i> , 2012, 219, 228-238.	4.2	27
104	Influence of Mineral Chemistry on Electrokinetic and Rheological Behavior of Aqueous Muscovite Dispersions. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 11087-11096.	3.7	11
105	Replacement of pyrrhotite by pyrite and marcasite under hydrothermal conditions up to 220 °C: An experimental study of reaction textures and mechanisms. <i>American Mineralogist</i> , 2011, 96, 1878-1893.	1.9	71
106	Quantum Dots for Electro-Optic Devices. <i>ACS Nano</i> , 2011, 5, 5291-5295.	14.6	76
107	Predicting the surface chemistry contribution to the flotation recovery of chalcopyrite by ToF-SIMS. <i>Minerals Engineering</i> , 2011, 24, 160-168.	4.3	21
108	ToF-SIMS-derived hydrophobicity in DTP flotation of chalcopyrite: Contact angle distributions in flotation streams. <i>International Journal of Mineral Processing</i> , 2011, 98, 35-41.	2.6	21

#	ARTICLE	IF	CITATIONS
109	Rheology of aging aqueous muscovite clay dispersions. <i>Chemical Engineering Science</i> , 2011, 66, 119-127.	3.8	43
110	CHANGES IN THE METAL CONTENT OF HUMAN HAIR DURING DIAGENESIS FROM 500 YEARS, EXPOSURE TO GLACIAL AND AQUEOUS ENVIRONMENTS. <i>Archaeometry</i> , 2010, 52, 450-466.	1.3	20
111	Time-of-flight secondary-ion mass spectrometry for the surface characterization of solid-state pharmaceuticals. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 251-259.	2.4	19
112	An X-ray photoelectron and absorption spectroscopic investigation of the electronic structure of cubanite, CuFe ₂ S ₃ . <i>Physics and Chemistry of Minerals</i> , 2010, 37, 389-405.	0.8	22
113	Organic and inorganic discrimination of ballpoint pen inks by ToF-SIMS and multivariate statistics. <i>Applied Surface Science</i> , 2010, 256, 2155-2163.	6.1	67
114	Evidence for surface cleaning of sulphide minerals by attritioning in stirred mills. <i>Minerals Engineering</i> , 2010, 23, 937-944.	4.3	10
115	Regrinding sulphide minerals – Breakage mechanisms in milling and their influence on surface properties and flotation behaviour. <i>Powder Technology</i> , 2010, 203, 133-147.	4.2	21
116	An assessment of activated carbon cloth microporosity change due to chemical activation. <i>Carbon</i> , 2010, 48, 1004-1011.	10.3	10
117	A new technique to examine individual pollutant particle and fibre deposition and transit behaviour in live mouse trachea. <i>Journal of Synchrotron Radiation</i> , 2010, 17, 719-729.	2.4	12
118	ToF-SIMS as a New Method to Determine the Contact Angle of Mineral Surfaces. <i>Langmuir</i> , 2010, 26, 8122-8130.	3.5	33
119	An experimental study of the mechanism of the replacement of magnetite by pyrite up to 300°C. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5610-5630.	3.9	69
120	ARXPS and SXPS Evidence for Surface Stabilization of Sphalerite Zn _{1-x} Fe _x S (110) Surfaces. <i>ECS Transactions</i> , 2010, 28, 81-93.	0.5	3
121	A study of mechanisms affecting molybdenite recovery in a bulk copper/molybdenum flotation circuit. <i>International Journal of Mineral Processing</i> , 2009, 93, 256-266.	2.6	76
122	Invisible gold in arsenian pyrite and arsenopyrite from a multistage Archaean gold deposit: Sunrise Dam, Eastern Goldfields Province, Western Australia. <i>Mineralium Deposita</i> , 2009, 44, 765-791.	4.1	227
123	Real-time non-invasive detection of inhalable particulates delivered into live mouse airways. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 553-561.	2.4	17
124	Synchrotron XPS studies of collector adsorption and co-adsorption on gold and gold: silver alloy surfaces. <i>International Journal of Mineral Processing</i> , 2009, 92, 162-168.	2.6	28
125	Interaction of cuprite with dialkyl dithiophosphates. <i>International Journal of Mineral Processing</i> , 2009, 93, 155-164.	2.6	18
126	Species formed at cuprite fracture surfaces; observation of O 1s surface core level shift. <i>Surface Science</i> , 2009, 603, 537-545.	1.9	34

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127	pH-mediated interfacial chemistry and particle interactions in aqueous muscovite dispersions. <i>Chemical Engineering Journal</i> , 2009, 152, 406-414.	12.7	35
128	Application of time of flight secondary ion mass spectrometry to the in situ analysis of ballpoint pen inks on paper. <i>Forensic Science International</i> , 2009, 193, 42-46.	2.2	51
129	Localization and speciation of arsenic and trace elements in rice tissues. <i>Chemosphere</i> , 2009, 76, 529-535.	8.2	57
130	Electronic environments in carrollite, CuCo ₂ S ₄ , determined by soft X-ray photoelectron and absorption spectroscopy. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4452-4467.	3.9	35
131	Trace and minor elements in sphalerite: A LA-ICPMS study. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4761-4791.	3.9	581
132	Inferring wettability of heterogeneous surfaces by ToF-SIMS. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 563-568.	9.4	32
133	Copper and arsenate co-sorption at the mineral-water interfaces of goethite and jarosite. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 399-413.	9.4	75
134	Discrimination of pencil markings on paper using elemental analysis: An initial investigation. <i>Forensic Science International</i> , 2008, 175, 123-129.	2.2	36
135	An Investigation into the Spatial Elemental Distribution Within a Pane of Glass by Time of Flight Secondary Ion Mass Spectrometry. <i>Journal of Forensic Sciences</i> , 2008, 53, 312-320.	1.6	12
136	In Situ ATR FTIR Studies of SO ₄ Adsorption on Goethite in the Presence of Copper Ions. <i>Environmental Science & Technology</i> , 2008, 42, 9191-9196.	10.0	61
137	The Occurrence and Incorporation of Copper and Zinc in Hair and their Potential Role as Bioindicators: A Review. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2007, 10, 611-622.	6.5	41
138	Examination of the proposition that Cu(II) can be required for charge neutrality in a sulfide lattice Cu in tetrahedrites and sphalerite. <i>Canadian Journal of Chemistry</i> , 2007, 85, 767-781.	1.1	44
139	Cu adsorption on pyrite (100): Ab initio and spectroscopic studies. <i>Surface Science</i> , 2007, 601, 5794-5799.	1.9	38
140	Loading and release of a model protein from porous silicon powders. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 3361-3366.	1.8	38
141	Tellurides from Sunrise Dam gold deposit, Yilgarn Craton, Western Australia: a new occurrence of nagyajgite. <i>Mineralogy and Petrology</i> , 2007, 91, 249-270.	1.1	34
142	Restoring the floatability of oxidised sulfides using sulfidisation. <i>International Journal of Mineral Processing</i> , 2007, 84, 108-117.	2.6	39
143	Advanced Analysis of Metal Distributions in Human Hair. <i>Environmental Science & Technology</i> , 2006, 40, 3423-3428.	10.0	58
144	Source of Ni in coal mine acid rock drainage, West Coast, New Zealand. <i>International Journal of Coal Geology</i> , 2006, 67, 214-220.	5.0	20

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145	Depression mechanisms of sodium bisulphite in the xanthate-induced flotation of copper activated sphalerite. <i>International Journal of Mineral Processing</i> , 2006, 79, 61-75.	2.6	40
146	Ab initio and XPS studies of pyrite (100) surface states. <i>Radiation Physics and Chemistry</i> , 2006, 75, 1855-1860.	2.8	36
147	Galvanic interaction between grinding media and arsenopyrite and its effect on flotation: Part II. Effect of grinding on flotation. <i>International Journal of Mineral Processing</i> , 2006, 78, 198-213.	2.6	52
148	Effect of oxidation potential and zinc sulphate on the separation of chalcopyrite from pyrite. <i>International Journal of Mineral Processing</i> , 2006, 80, 169-176.	2.6	36
149	XPS and <i>ab initio</i> calculation of surface states of sulfide minerals: pyrite, chalcopyrite and molybdenite. <i>Molecular Simulation</i> , 2006, 32, 1207-1212.	2.0	42
150	Sulfur electronic environments in $\hat{1}\pm$ -NiS and $\hat{1}^2$ -NiS: examination of the relationship between coordination number and core electron binding energies. <i>Physics and Chemistry of Minerals</i> , 2006, 33, 98-105.	0.8	15
151	Depressing mechanisms of sodium bisulphite in the collectorless flotation of copper-activated sphalerite. <i>International Journal of Mineral Processing</i> , 2005, 76, 43-53.	2.6	47
152	Correlation between copper-activated pyrite flotation and surface species: Effect of pulp oxidation potential. <i>Minerals Engineering</i> , 2005, 18, 1208-1213.	4.3	49
153	ToF-SIMS analysis of elemental distributions in human hair. <i>Science of the Total Environment</i> , 2005, 338, 213-227.	8.0	66
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