

J Herman Potgieter

List of Publications by Year in descending order

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157
papers

3,722
citations

136950

32
h-index

155660

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g-index

158
all docs

158
docs citations

158
times ranked

3776
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metals removal from solution by palygorskite clay. Minerals Engineering, 2006, 19, 463-470.	4.3	286
2	Raman spectroscopy for the analysis of coal: a review. Journal of Raman Spectroscopy, 2011, 42, 123-129.	2.5	230
3	The removal of phosphate ions from aqueous solution by fly ash, slag, ordinary Portland cement and related blends. Cement and Concrete Research, 2002, 32, 1889-1897.	11.0	193
4	Influence of nickel additions on the corrosion behaviour of low nitrogen 22% Cr series duplex stainless steels. Corrosion Science, 2008, 50, 2572-2579.	6.6	153
5	An investigation of phosphate ion adsorption from aqueous solution by fly ash and slag. Cement and Concrete Research, 2000, 30, 823-826.	11.0	99
6	Rapid determination of CaCO ₃ in mixtures utilising FT-IR spectroscopy. Minerals Engineering, 2001, 14, 1107-1111.	4.3	96
7	The application of Raman spectrometry to investigate and characterize cement, Part I: A review. Cement and Concrete Research, 2006, 36, 656-662.	11.0	89
8	Comparison of limestone, dolomite and fly ash as pre-treatment agents for acid mine drainage. Minerals Engineering, 2006, 19, 454-462.	4.3	84
9	Thermogravimetric analysis of the reaction between carbon and CaSO ₄ ·2H ₂ O, gypsum and phosphogypsum in an inert atmosphere. Thermochemica Acta, 1999, 340-341, 431-437.	2.7	79
10	The beneficial effect of ruthenium additions on the passivation of duplex stainless steel corrosion in sodium chloride solutions. Corrosion Science, 2009, 51, 1364-1371.	6.6	79
11	An investigation into the effect of various chemical and physical treatments of a South African phosphogypsum to render it suitable as a set retarder for cement. Cement and Concrete Research, 2003, 33, 1223-1227.	11.0	77
12	The thermal dehydration of synthetic gypsum. Thermochemica Acta, 1995, 269-270, 631-638.	2.7	67
13	Assessment of heavy metals pollution in Sudanese harbours along the Red Sea Coast. Microchemical Journal, 2007, 87, 104-112.	4.5	65
14	Micro-structural characterization of black crust and laser cleaning of building stones by micro-Raman and SEM techniques. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 2460-2467.	3.9	63
15	The corrosion behaviour of WC-VC-Co hardmetals in acidic media. Corrosion Science, 2010, 52, 3118-3125.	6.6	63
16	Adsorption of methylene blue on activated carbon: An experiment illustrating both the Langmuir and Freundlich isotherms. Journal of Chemical Education, 1991, 68, 349.	2.3	61
17	Oxidation and corrosion behaviour of Fe-Cr and Fe-Cr-Al alloys with minor alloying additions. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1998, 241, 264-276.	5.6	60
18	Spark plasma sintering of graphitized multi-walled carbon nanotube reinforced Ti6Al4V. Materials and Design, 2017, 128, 119-129.	7.0	55

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19	The thermal dehydration of natural gypsum and pure calcium sulphate dihydrate (gypsum). <i>Thermochimica Acta</i> , 1996, 282-283, 483-492.	2.7	53
20	Influence of Ru additions on the corrosion behaviour of WC-Co cemented carbide alloys in sulphuric acid. <i>International Journal of Refractory Metals and Hard Materials</i> , 2011, 29, 478-487.	3.8	53
21	The application of Raman spectrometry to the investigation of cement. <i>Cement and Concrete Research</i> , 2006, 36, 663-670.	11.0	52
22	Dehydration behaviour of a natural gypsum and a phosphogypsum during milling. <i>Thermochimica Acta</i> , 1999, 332, 89-96.	2.7	46
23	Effects of minor additions of ruthenium on the passivation of duplex stainless-steel corrosion in concentrated hydrochloric acid solutions. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1385-1392.	2.9	46
24	An evaluation of selected waste resources for utilization in ceramic materials applications. <i>Journal of the European Ceramic Society</i> , 2005, 25, 3145-3149.	5.7	45
25	Influence of γ phase on general and pitting corrosion resistance of SAF 2205 duplex stainless steel. <i>Corrosion Engineering Science and Technology</i> , 1992, 27, 219-223.	0.3	43
26	Alloys cathodically modified with noble metals. <i>Journal of Applied Electrochemistry</i> , 1991, 21, 471-482.	2.9	40
27	Cathodic modification as a means of improving the corrosion resistance of alloys. <i>Journal of Applied Electrochemistry</i> , 1990, 20, 711-715.	2.9	37
28	Influence of microwave heating on the processing and dissolution behaviour of low-grade complex sulphide ores. <i>Hydrometallurgy</i> , 2007, 89, 127-135.	4.3	37
29	INVESTIGATIONS ON THE MECHANISMS OF SULFURIC ACID LEACHING OF CHALCOPYRITE IN THE PRESENCE OF HYDROGEN PEROXIDE. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2009, 30, 327-345.	5.0	37
30	Electrochemical and physical characterisation of lead-based anodes in comparison to Ti-(70%) IrO ₂ /(30%) Ta ₂ O ₅ dimensionally stable anodes for use in copper electrowinning. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 691-699.	2.9	36
31	Comparative study of surface properties of austenitic stainless steels in sulfuric and hydrochloric acid solutions. <i>Electrochimica Acta</i> , 1997, 42, 25-35.	5.2	35
32	Effects of ore mineralogy on the microbial leaching of low grade complex sulphide ores. <i>Hydrometallurgy</i> , 2007, 86, 96-104.	4.3	35
33	The effect of temperature and nitrogen content on the partitioning of alloy elements in duplex stainless steels. <i>Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science</i> , 1991, 22, 2173-2179.	1.4	34
34	Determination of hexavalent chromium in South African cements and cement-related materials with electrothermal atomic absorption spectrometry. <i>Cement and Concrete Research</i> , 2003, 33, 1589-1593.	11.0	34
35	Corrosion behaviour of superferritic stainless steels cathodically modified with minor additions of ruthenium in sulphuric and hydrochloric acids. <i>Materials & Design</i> , 2009, 30, 1451-1457.	5.1	33
36	Micron- and nanosized FAU-type zeolites from fly ash for antibacterial applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 16897.	6.7	32

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37	A kinetic and thermodynamic investigation into the removal of methyl orange from wastewater utilizing fly ash in different process configurations. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2539-2550.	3.4	32
38	A comparison of the performance of various synthetic gypsums in plant trials during the manufacturing of OPC clinker. <i>Cement and Concrete Research</i> , 2004, 34, 2245-2250.	11.0	30
39	Quantitative Determination of CaCO ₃ in Cement Blends by FT-IR. <i>Applied Spectroscopy</i> , 2001, 55, 361-365.	2.2	29
40	An evaluation of the incorporation of a titanium dioxide producer's waste material in Portland cement clinker. <i>Materials Letters</i> , 2002, 57, 157-163.	2.6	29
41	A characterisation of the surface properties of an ultra fine fly ash (UFFA) used in the polymer industry. <i>Fuel</i> , 2005, 84, 2295-2300.	6.4	28
42	Thermogravimetric studies of the synthesis of cas from gypsum, CaSo ₄ ·2H ₂ O and phosphogypsum. <i>Journal of Theoretical Biology</i> , 1997, 49, 1501-1507.	1.7	26
43	Metakaolin as an Extender in South African Cement. <i>Journal of Materials in Civil Engineering</i> , 2006, 18, 619-623.	2.9	26
44	Mineralogical characterization of Ishiagu (Nigeria) complex sulphide ore. <i>International Journal of Mineral Processing</i> , 2008, 87, 83-89.	2.6	24
45	Microwave Irradiated Copolymerization of Xanthan Gum with Acrylamide for Colonic Drug Delivery. <i>BioResources</i> , 2014, 10, .	1.0	24
46	Isomers of Benzene. <i>Journal of Chemical Education</i> , 1994, 71, 222.	2.3	23
47	An empirical study of factors influencing lime slaking. Part II: lime constituents and water composition. <i>Water S A</i> , 2003, 29, 157.	0.4	22
48	An empirical study of factors influencing lime slaking. Part I: production and storage conditions. <i>Minerals Engineering</i> , 2002, 15, 201-203.	4.3	21
49	Use of a simplified generalized standard additions method for the analysis of cement, gypsum and basic slag by slurry nebulization ICP-OES. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 104-107.	3.7	21
50	Role of ore mineralogy in optimizing conditions for bioleaching low-grade complex sulphide ores. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, 1234-1246.	4.2	21
51	INFLUENCE OF APPLIED MINERALOGY IN DEVELOPING AN OPTIMAL HYDROMETALLURGICAL PROCESSING ROUTE FOR COMPLEX SULPHIDE ORES. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2006, 27, 143-158.	5.0	20
52	Combined ultrasonic and bioleaching treatment of hospital waste incinerator bottom ash with simultaneous extraction of selected metals. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 262-270.	2.2	20
53	A thermogravimetric analysis study of volatilization of flux mixtures used in XRF sample preparation. <i>X-Ray Spectrometry</i> , 2004, 33, 212-215.	1.4	19
54	Distribution of atmospheric marine salt depositions over Continental Western Europe. <i>Marine Pollution Bulletin</i> , 2006, 52, 606-611.	5.0	19

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55	ZIF-11 derived nanoporous carbons with ultrahigh uptakes for capture and reversible storage of volatile iodine. <i>Journal of Solid State Chemistry</i> , 2020, 282, 121108.	2.9	19
56	The Platinum Development Initiative: Platinum-Based Alloys for High Temperature and Special Applications: Part IV. <i>Platinum Metals Review</i> , 2010, 54, 112-119.	1.2	18
57	Effectiveness of Selective Catalytic Reduction Systems on Reducing Gaseous Emissions from an Engine Using Diesel and Biodiesel Blends. <i>Environmental Science & Technology</i> , 2015, 49, 3246-3251.	10.0	18
58	Tribological and Corrosion Behavior of HVOF-Sprayed WC-Co-Based Composite Coatings in Simulated Mine Water Environments. <i>Tribology Transactions</i> , 2015, 58, 337-348.	2.0	18
59	Carbon Nanotubes Synthesis via Arc Discharge with a Yttria Catalyst. <i>ISRN Nanomaterials</i> , 2013, 2013, 1-7.	0.7	17
60	A review of non-conventional metals extracting technologies from ore and waste. <i>International Journal of Mineral Processing</i> , 2011, 98, 1-7.	2.6	16
61	Study on the pre-treatment of oxidized zinc ore prior to flotation. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2018, 25, 117-122.	4.9	16
62	The crystal structure of 1,1,1-trifluoro-5,5,5-trimethylpentanedionatocarbonyltriphenylphosphinerhodium(I). <i>Inorganica Chimica Acta</i> , 1986, 117, L3-L5.	2.4	15
63	Corrosion behaviour of duplex stainless steels containing minor ruthenium additions in reducing acid media. <i>Journal of Applied Electrochemistry</i> , 1996, 26, 1103.	2.9	15
64	Surface composition of Ru containing duplex stainless steel after passivation in non-oxidizing media. <i>Applied Surface Science</i> , 1998, 136, 29-35.	6.1	15
65	Evaluation of Coupling Agents in Poly(propylene)/Fly Ash Composites: Effect on Processing and Mechanical Properties. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 810-819.	3.6	15
66	Determination of the microstructure and alloy element distribution in experimental duplex stainless steels. <i>Materials Characterization</i> , 1991, 26, 155-165.	4.4	14
67	The nature of the passive film on cathodically modified stainless steels. <i>Journal of Applied Electrochemistry</i> , 1993, 23, 11-18.	2.9	14
68	Kinetics Studies of Adsorption and Desorption of South African Fly Ash for Some Phenolic Compounds. <i>Particulate Science and Technology</i> , 2013, 31, 1-9.	2.1	14
69	Investigation of the Active Dissolution Behaviour of a 22% Chromium Duplex Stainless Steel with Small Ruthenium Additions in Sulphuric Acid.. <i>ISIJ International</i> , 1995, 35, 197-202.	1.4	13
70	Electrochemical studies on interplay of mineralogical variation and particle size on bioleaching low grade complex sulphide ores. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 1312-1325.	4.2	13
71	Toxicological and Analytical Assessment of E-Cigarette Refill Components on Airway Epithelia. <i>Science Progress</i> , 2016, 99, 351-398.	1.9	13
72	Oxidative leaching of refractory sulphidic gold tailings with an ionic liquid. <i>Minerals Engineering</i> , 2020, 156, 106484.	4.3	13

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73	Removal of Iron and Manganese from Water with a High Organic Carbon Loading. Part I: The Effect of Various Coagulants. <i>Water, Air, and Soil Pollution</i> , 2005, 162, 49-59.	2.4	12
74	Damage and molecular changes under a laser beam in SEM-EDX/MRS interface: a case study on iron-rich particles. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 808-814.	2.5	12
75	Mn-doped Fe ₂ O ₃ /diatomite granular composite as an efficient Fenton catalyst for rapid degradation of an organic dye in solution. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 329-339.	2.4	12
76	Investigation of Spontaneous Passivation of Stainless Steels Modified with Ruthenium. <i>Materials Science Forum</i> , 1995, 185-188, 759-768.	0.3	11
77	Interfacial Reaction During High Energy Ball Milling Dispersion of Carbon Nanotubes into Ti6Al4V. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 6047-6056.	2.5	11
78	Corrosion Behavior of a High-Chromium Duplex Stainless Steel with Minor Additions of Ruthenium in Sulfuric Acid. <i>Corrosion</i> , 1995, 51, 312-320.	1.1	10
79	An investigation into the correlation between different surface area determination techniques applied to various limestone-related compounds. <i>Cement and Concrete Research</i> , 1996, 26, 1613-1617.	11.0	10
80	Removal of Iron and Manganese from Water with a High Organic Carbon Loading. Part II: The Effect of Various Adsorbents and Nanofiltration Membranes. <i>Water, Air, and Soil Pollution</i> , 2005, 162, 61-70.	2.4	10
81	The effect of milling and percentage dissociation of plasma dissociated zircon on the colour of Pr-yellow and V-blue zircon pigments. <i>Journal of the European Ceramic Society</i> , 2006, 26, 1599-1603.	5.7	10
82	The Corrosion Behaviour of WC-Co-Ru Alloys in Aggressive Chloride Media. <i>International Journal of Electrochemistry</i> , 2014, 2014, 1-11.	2.4	10
83	Comparison of the structural motifs and packing arrangements of six novel derivatives and one polymorph of 2-(1-phenyl-1H-1,2,3-triazol-4-yl)pyridine. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 379-389.	1.1	10
84	Jahn-Teller distortion in 2-pyridyl-(1,2,3)-triazole-containing copper(ii) compounds. <i>New Journal of Chemistry</i> , 2018, 42, 16335-16345.	2.8	10
85	Effects of Vapour Deposited and Bulk Alloyed Ruthenium on Corrosion Resistance of a Duplex Stainless Steel in Sulphuric Acid. <i>Surface Engineering</i> , 1992, 8, 289-291.	2.2	9
86	The influence of chloride and sulphate ions on the slaking rate of lime derived from different limestone deposits in South Africa. <i>Water S A</i> , 2002, 28, 45.	0.4	9
87	Investigation of the chemical composition of (Na _{1-x} Bix)(MnyNb _{1-y})O ₃ ceramics by single particle electron probe X-ray microanalysis with an application of Monte Carlo simulations. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 525-530.	2.9	9
88	Corrosion resistance of duplex stainless steels in selected organic acids and organic acid/chloride environments. <i>Anti-Corrosion Methods and Materials</i> , 2010, 57, 107-117.	1.5	9
89	Laser surface treatment to inhibit observed corrosion of reinforcing steel in sulphate: alkaline media. <i>Anti-Corrosion Methods and Materials</i> , 2011, 58, 267-284.	1.5	9
90	Dual-Energy X-Ray Absorptiometry for Measurement of Phalangeal Bone Mineral Density on a Slot-Scanning Digital Radiography System. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 2850-2859.	4.2	9

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91	An experimental study of the adsorption behaviour of methylene blue on activated carbon. <i>Colloids and Surfaces</i> , 1990, 50, 393-399.	0.9	8
92	The diverse nature of the C ₆ H ₆ molecule. <i>Journal of Chemical Education</i> , 1991, 68, 280.	2.3	8
93	A plant investigation into the use of treated phosphogypsum as a set-retarder in OPC and an OPC/fly ash blend. <i>Minerals Engineering</i> , 2001, 14, 791-795.	4.3	8
94	Corrosion of hot end automotive exhaust components. <i>Anti-Corrosion Methods and Materials</i> , 2007, 54, 180-187.	1.5	8
95	Corrosion of Passive Alloys: The Effect of Noble Metal Additions. , 2010, , 2224-2249.		8
96	Acid and base dissociation constants of water and its associated ions. <i>Journal of Chemical Education</i> , 1991, 68, 304.	2.3	7
97	The role of Ru in improving Schottky and ohmic contacts to InP. <i>Vacuum</i> , 1995, 46, 893-897.	3.5	7
98	Thermogravimetric and X-ray powder diffraction analysis of precipitator dust from a rotating lime kiln. <i>Cement and Concrete Research</i> , 1996, 26, 1269-1276.	11.0	7
99	Reply to the discussion by A. Demirbas of the paper "The removal of phosphate ions from aqueous solution by fly ash, slag, ordinary Portland cement and related blends" <i>Cement and Concrete Research</i> , 2003, 33, 937.	11.0	7
100	Tris(η^2 -ketoiminato)ruthenium(III) complexes: Electrochemical and computational chemistry study. <i>Electrochimica Acta</i> , 2019, 320, 134635.	5.2	7
101	The Kinetics of Pyrite Dissolution in Nitric Acid Solution. <i>Materials</i> , 2022, 15, 4181.	2.9	7
102	Fingerprinting of South African ordinary Portland cements, cement blends and mortars for identification purposes " Discrimination with starplots and PCA. <i>Cement and Concrete Research</i> , 2007, 37, 834-843.	11.0	6
103	Properties and performance of a simulated consumer polymer waste-coal combustion byproduct composite material. <i>Polymer Engineering and Science</i> , 2014, 54, 1239-1247.	3.1	6
104	Magnetic investigations of stainless steels. <i>International Journal of Pressure Vessels and Piping</i> , 1995, 61, 471-478.	2.6	5
105	Determination of the clay index of limestone with methylene blue adsorption using a UV-VIS spectrophotometric method. <i>Cement and Concrete Research</i> , 1999, 29, 1815-1817.	11.0	5
106	An investigation into the feasibility of recovering valuable metals from solid oxide compounds by gas phase extraction in a fluidised bed. <i>Minerals Engineering</i> , 2006, 19, 140-146.	4.3	5
107	MoS ₂ @ZnO Nanoheterostructures Prepared by Electrospark Erosion for Photocatalytic Applications. <i>Nanomaterials</i> , 2021, 11, 157.	4.1	5
108	Replacing Limestone and Linseed Oil in the Synthesis of Putty. <i>Journal of Applied Sciences</i> , 2006, 6, 1009-1016.	0.3	5

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109	The effect of ruthenium on the corrosion behaviour of a 22 mass% chromium ferritic stainless steel in 1 m sulphuric acid. <i>Journal of Materials Science Letters</i> , 1996, 15, 1408-1411.	0.5	4
110	Effect of surface alloyed silver on corrosion behaviour of austenitic stainless steel in sulphuric acid. <i>Surface Engineering</i> , 2001, 17, 71-74.	2.2	4
111	Gas phase extraction of iron from its oxide in a fluidized bed reactor. <i>Minerals Engineering</i> , 2010, 23, 58-60.	4.3	4
112	An optimisation methodology for a supply chain operating under any pertinent conditions of uncertainty - an application with two forms of operational uncertainty, multi-objectivity and fuzziness. <i>International Journal of Operational Research</i> , 2015, 23, 200.	0.2	4
113	Dependence of Fracture Patterns in Spark Plasma Sintered Irregular Shaped Ti6Al4V Powders on Densification. <i>Procedia Manufacturing</i> , 2017, 7, 567-572.	1.9	4
114	Application of Nano High-Entropy Alloys to Reduce Energy Consumption and Wear of Copper Oxide and High-Grade Iron Ores in Heavy Mining Industries – A Case Study. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 16.	2.0	4
115	Dibenzoyl-methane Derivatives as a Potential and Exciting New Therapy for the Treatment of Childhood Bone Cancer. <i>Anticancer Research</i> , 2016, 36, 6043-6050.	1.1	4
116	Experimental study of quantitative phase characterization in duplex stainless steels by potentiostatic etching. <i>Journal of Materials Science</i> , 1992, 27, 3667-3679.	3.7	3
117	Potentiostatic etching of duplex stainless steels and high chromium white cast irons. <i>Materials Science and Technology</i> , 1993, 9, 336-342.	1.6	3
118	2-(4-Isobutylphenyl)-N-[(3Z)-2-oxoindolin-3-ylidene]propanohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1222-o1223.	0.2	3
119	4-Chloro-N-[(E)-2-chlorobenzylidene]benzohydrazide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o612-o612.	0.2	3
120	The effect of varying ruthenium content on the corrosion behaviour of two cathodically modified superferritic stainless steels. <i>Canadian Metallurgical Quarterly</i> , 1995, 34, 143-146.	1.2	3
121	Corrosion resistance of iron-containing experimental titanium alloys exposed to simulated body fluids. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2022, 73, 1298-1307.	1.5	3
122	The Effect of Varying Ruthenium Content on the Corrosion Behaviour of Two Cathodically Modified Superferritic Stainless Steels. <i>Canadian Metallurgical Quarterly</i> , 1995, 34, 143-146.	1.2	2
123	Proposed modifications to the method for the determination of available lime. <i>Minerals Engineering</i> , 2001, 14, 515-523.	4.3	2
124	Fingerprinting of South African cement clinkers and gypsum as a tool for cement identification purposes. <i>Advances in Cement Research</i> , 2003, 15, 45-50.	1.6	2
125	Investigation into the adsorption of a commercial coupling agent for polymers onto pretreated fly ash filler particles. <i>Journal of Applied Polymer Science</i> , 2013, 130, 3985-3992.	2.6	2
126	Crystal structure of (E)-4-benzylidene-6-phenyl-1,2,3,4,7,8,9,10-octahydrophenanthridine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1092-1096.	0.5	2

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127	Thermal preparation and characterization of nanodispersed copper-containing powders produced by non-equilibrium electrochemical oxidation of metals. <i>Solid State Sciences</i> , 2020, 108, 106434.	3.2	2
128	Metal Complexes of Multidentate N ₂ S ₂ Heterocyclic Schiff-base Ligands; Formation, Structural Characterisation and Biological Activity. <i>Journal of Physics: Conference Series</i> , 2021, 1879, 022074.	0.4	2
129	Improving the Tribological Properties of Ti6Al4V Alloy with Multi-walled Carbon Nanotube Additions. <i>Structural Integrity</i> , 2019, , 55-61.	1.4	2
130	High Temperature Corrosion Resistance of Pt-Based Superalloys in 0.2% SO ₂ -N ₂ Gas. <i>Open Materials Science Journal</i> , 2014, 8, 18-26.	0.2	2
131	Spectrophotometric determination of the reaction stoichiometry of the reduction of octacyanotungstate(V) by hydroxylamine in acidic and basic media. <i>Polyhedron</i> , 1989, 8, 2213-2214.	2.2	1
132	Benzene isomers? (the author replies). <i>Journal of Chemical Education</i> , 1992, 69, 859.	2.3	1
133	Stabilisation of a ferro-industry waste in various solid matrices. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 311-314.	3.2	1
134	Investigation into methods of chloride analysis of South African cement and cement-related materials with low chloride concentrations. <i>Materials and Structures/Materiaux Et Constructions</i> , 2004, 37, 155-160.	3.1	1
135	Effectiveness of biohydrometallurgy for sustainable development in the African minerals industry: a case study with a low grade ore from Nigeria. <i>Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy</i> , 2008, 117, 231-235.	0.6	1
136	Degradation of galvanised iron roofing material in Tanzania by atmospheric corrosion. <i>Corrosion Engineering Science and Technology</i> , 2011, 46, 642-650.	1.4	1
137	Dissolution kinetics of quicklime in various organic solvents and solutions. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1191-1195.	2.2	1
138	<i>N,N</i> -Bis(diphenylmethyl)benzene-1,4-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o66-o66.	0.2	1
139	<i>N</i> -(<i>E</i>)-2-Chlorobenzylidene]-2-(6-methoxynaphthalen-2-yl)propanohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o631-o632.	0.2	1
140	Crystal structure of 1 <i>H</i> -imidazol-3-ium 2-(1,3-dioxoisindolin-2-yl)acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o979-o980.	0.2	1
141	Effect of fly ash washing conditions on the properties of coupling agent modified polypropylene/fly ash composites. <i>Polymer Composites</i> , 2014, 35, 698-707.	4.6	1
142	Chemical and structural data of (1,2,3-triazol-4-yl)pyridine-containing coordination compounds. <i>Data in Brief</i> , 2018, 20, 1397-1408.	1.0	1
143	The effect of operating conditions on density stratification in a batch jig II: The influence on stratification kinetics. <i>Minerals Engineering</i> , 2021, 164, 106846.	4.3	1
144	Electrochemical Corrosion Behaviour of Different Grades of WC-Co, High-Cr White Cast Irons and Hadfield Steel in 1 M Sulphuric Acid. <i>Materials</i> , 2021, 14, 6130.	2.9	1

#	ARTICLE	IF	CITATIONS
145	The Influence of REE β^2 -Diketone Complexes on the Corrosion Behaviour of Mild Steel and 304 SS in 3.5% NaCl Solution. Minerals (Basel, Switzerland), 2022, 12, 416.	2.0	1
146	REFRACTORY PROPERTIES OF INSULATING MATERIALS FROM SECONDARY CEMENTITIOUS MATERIALS (SCMs). , 2005, , 177-184.		0
147	Is the micro-Raman-SEM-EDX Combination the Answer to Surface Analysis? A Case Study of Atmospheric Corrosion. , 2010, , .		0
148	Behavior of Semi-volatile Particles under a Laser and Electron Beamâ€”Influence on the Quality of Analytical Results. , 2010, , .		0
149	1-(2-Hydroxyethyl)-3-phenylthiourea. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1162-o1162.	0.2	0
150	(6Z)-4-Bromo-6-[[2-(2-hydroxyethyl)amino]methylidene]cyclohexa-2,4-dien-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1020-o1020.	0.2	0
151	Effect of coupling agents on the degradation of polypropylene/fly ash composites. Journal of Applied Polymer Science, 2014, 131, .	2.6	0
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154	DFT and CV data of 4-phenyl-substituted dichloro(bis{2-[1-(phenyl)-1H-1,2,3-triazol-4-yl- \hat{N} 3]pyridine- \hat{N} })iron(II) coordination compounds. Data in Brief, 2018, 21, 1458-1471.	1.0	0
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