

# Carsten Laukamp

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

662  
citations

567247

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580810

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35  
docs citations

35  
times ranked

610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated sedimentary and high-resolution mineralogical characterisation of Ordovician shale from Canning Basin, Western Australia: Implications for facies heterogeneity evaluation. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109347.	4.2	9
2	A Qualitative Examination of the Iron Boomerang and Trends in Spectral Metrics across Iron Ore Deposits in Western Australia. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1547.	2.5	1
3	Quantitative Geochemical Prediction from Spectral Measurements and Its Application to Spatially Dispersed Spectral Data. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 282.	2.5	1
4	Inferring sandstone grain size using spectral datasets: An example from the Bresnahan Group, Western Australia. <i>Remote Sensing of Environment</i> , 2021, 252, 112109.	11.0	3
5	The Rocklea Dome 3D Mineral Mapping Test Data Set. <i>Earth System Science Data</i> , 2021, 13, 1371-1383.	9.9	5
6	Mineral Physicochemistry Underlying Feature-Based Extraction of Mineral Abundance and Composition from Shortwave, Mid and Thermal Infrared Reflectance Spectra. <i>Minerals (Basel)</i> , 2021, 11, 1047.	10.4	537
7	Feature Extraction and Clustering of Hyperspectral Drill Core Measurements to Assess Potential Lithological and Alteration Boundaries. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 136.	2.0	12
8	Supergene modification of magnetite and hematite shear zones in banded iron-formation at Mt Richardson, Yilgarn Craton, Western Australia. <i>Ore Geology Reviews</i> , 2019, 111, 102995.	2.7	4
9	Characterising lithium host minerals within the lateritic duricrust, Greenbushes, Western Australia. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-2.	0.1	1
10	Mineral footprints of the Paleoproterozoic sediment-hosted Abra Pb-Zn-Cu-Au deposit Capricorn Orogen, Western Australia. <i>Ore Geology Reviews</i> , 2019, 104, 436-461.	2.7	26
11	Geostatistical clustering as an aid for ore body domaining: case study at the Rocklea Dome channel iron ore deposit, Western Australia. <i>Applied Earth Science: Transactions of the Institute of Mining and Metallurgy</i> , 2018, 127, 15-29.	1.0	21
12	Rapid mineralogical and geochemical characterisation of the Fisher East nickel sulphide prospects, Western Australia, using hyperspectral and pXRF data. <i>Ore Geology Reviews</i> , 2017, 90, 371-387.	2.7	16
13	Vibrational spectroscopy of epidote, pumpellyite and prehnite applied to low-grade regional metabasites. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2017, , geochem2016-007.	0.9	11
14	White Mica as a Hyperspectral Tool in Exploration for the Sunrise Dam and Kanowna Belle Gold Deposits, Western Australia. <i>Economic Geology</i> , 2017, 112, 1153-1176.	3.8	58
15	Delineating Alteration Footprints from Field and ASTER SWIR Spectra, Geochemistry, and Gamma-Ray Spectrometry above Regolith-Covered Base Metal Deposits: An Example from Abra, Western Australia. <i>Economic Geology</i> , 2017, 112, 1977-2003.	3.8	20
16	Remote Sensing-Based Exploration of Structurally-Related Mineralizations around Mount Isa, Queensland, Australia. <i>Remote Sensing</i> , 2016, 8, 358.	4.0	15
17	Satellite-derived mineral mapping and monitoring of weathering, deposition and erosion. <i>Scientific Reports</i> , 2016, 6, 23702.	3.3	41
18	Proximal and remote spectroscopic characterisation of regolith in the Albany-Fraser Orogen (Western Australia). <i>Ore Geology Reviews</i> , 2016, 73, 540-554.	2.7	17

#	ARTICLE	IF	CITATIONS
19	Magnetic susceptibility of Edmund Basin, Capricorn Orogen, WA. ASEG Extended Abstracts, 2016, 2016, 1-8.	0.1	1
20	Quantified spatial relationships between gold mineralisation and key ore genesis controlling factors, and predictive mineralisation mapping, St Ives Goldfield, Western Australia. Ore Geology Reviews, 2013, 54, 157-166.	2.7	10
21	Unmixing the effects of vegetation in airborne hyperspectral mineral maps over the Rocklea Dome iron-rich palaeochannel system (Western Australia). Remote Sensing of Environment, 2013, 129, 17-31.	11.0	82
22	Vibrational spectroscopy of calcic amphiboles - applications for exploration and mining. European Journal of Mineralogy, 2012, 24, 863-878.	1.3	29
23	A simple quadratic method of absorption feature wavelength estimation in continuum removed spectra. Remote Sensing of Environment, 2012, 118, 273-283.	11.0	103
24	Short-wavelength infrared spectroscopy of chlorite can be used to determine very low metamorphic grades. European Journal of Mineralogy, 2012, 24, 891-902.	1.3	17
25	Low potassium hydrothermal alteration in low sulfidation epithermal systems as detected by IRS and XRD: An example from the Coâ€™O mine, Eastern Mindanao, Philippines. Ore Geology Reviews, 2012, 45, 47-60.	2.7	36
26	Airborne hyperspectral imaging of hydrothermal alteration zones in granitoids of the Eastern Fold Belt, Mount Isa Inlier, Australia. Geochemistry: Exploration, Environment, Analysis, 2011, 11, 3-24.	0.9	21
27	Hydrothermal mineral alteration patterns in the Mount Isa Inlier revealed by airborne hyperspectral data. Australian Journal of Earth Sciences, 2011, 58, 917-936.	1.0	31
28	Mineral exploration in the St Ives area, Eastern Goldfields, using geophysical and hyperspectral data. ASEG Extended Abstracts, 2010, 2010, 1-4.	0.1	2
29	Willemite (Zn <sub>2</sub> SiO <sub>4</sub> ) as a possible Rbâ€™Sr geochronometer for dating nonsulfide Znâ€™Pb mineralization: Examples from the Otavi Mountainland (Namibia). Ore Geology Reviews, 2008, 33, 152-167.	2.7	25
30	Grandite-based resource characterization of the skarn-hosted Cu-Zn-Mo deposit of Antamina, Peru. Mineralium Deposita, 0, , 1.	4.1	9