

Joana Cardoso-Fernandes

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

320
citations

1040056

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all docs

23
docs citations

23
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-Automatization of Support Vector Machines to Map Lithium (Li) Bearing Pegmatites. Remote Sensing, 2020, 12, 2319.	4.0	57
2	Remote sensing data in lithium (Li) exploration: A new approach for the detection of Li-bearing pegmatites. International Journal of Applied Earth Observation and Geoinformation, 2019, 76, 10-25.	2.8	51
3	Detecting Lithium (Li) Mineralizations from Space: Current Research and Future Perspectives. Applied Sciences (Switzerland), 2020, 10, 1785.	2.5	43
4	Interpretation of the Reflectance Spectra of Lithium (Li) Minerals and Pegmatites: A Case Study for Mineralogical and Lithological Identification in the Fregeneda-Almendra Area. Remote Sensing, 2021, 13, 3688.	4.0	24
5	Lithium Potential Mapping Using Artificial Neural Networks: A Case Study from Central Portugal. Minerals (Basel, Switzerland), 2021, 11, 1046.	2.0	21
6	Potential of Sentinel-2 data in the detection of lithium (Li)-bearing pegmatites: a study case. , 2018, , .		17
7	Constraints and potentials of remote sensing data/techniques applied to lithium (Li)-pegmatites. Canadian Mineralogist, 2019, 57, 723-725.	1.0	16
8	Tools for Remote Exploration: A Lithium (Li) Dedicated Spectral Library of the Fregeneda-Almendra Aplite-Pegmatite Field. Data, 2021, 6, 33.	2.3	16
9	Analyses of Li-Rich Minerals Using Handheld LIBS Tool. Data, 2021, 6, 68.	2.3	12
10	GREENPEG - exploration for pegmatite minerals to feed the energy transition: first steps towards the Green Stone Age. Geological Society Special Publication, 2023, 526, 193-218.	1.3	12
11	Stream sediment analysis for Lithium (Li) exploration in the Douro region (Portugal): A comparative study of the spatial interpolation and catchment basin approaches. Journal of Geochemical Exploration, 2022, 236, 106978.	3.2	10
12	Evaluating the performance of support vector machines (SVMs) and random forest (RF) in Li-pegmatite mapping: preliminary results. , 2019, , .		7
13	Remote sensing techniques to detect areas with potential for lithium exploration in Minas Gerais, Brazil. , 2019, , .		7
14	Identification of pegmatite bodies, at a province scale, using machine learning algorithms: preliminary results. , 2021, , .		6
15	Characterization of lithium (Li) minerals from the Fregeneda-Almendra region through laboratory spectral measurements: a comparative study. , 2020, , .		5
16	Multi-Scale Approach using Remote Sensing Techniques for Lithium Pegmatite Exploration: First Results. , 2020, , .		4
17	Reflectance spectroscopy to validate remote sensing data/algorithms for satellite-based lithium (Li) exploration (Central East Portugal). , 2020, , .		4
18	Metallographic and in situ compositional study on columbite-tantalite mining concentrates from placers at MaãSainhas (Central-East Portugal): insights for tantalum exploration. Journal of Iberian Geology, 2017, 43, 439-450.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Lithium (Li) Pegmatite Mapping using Artificial Neural Networks (ANNS): Preliminary Results. , 2020, , .		2
20	Validation of Remote Sensing Techniques in Greenfield Exploration Areas for Lithium (Li) in Central Portugal: A Study Case. , 2021, , .		1
21	Vectoring lithium (Li) mineralizations: a first approach to pegmatite geochemical halo definition in the Fregeneda-Almendra area. , 2021, , .		1