EncarnaciÃ³n Roda-Robles

List of Publications by Year
in descending order

51 papers	1,048 citations	331670 21 h-index	434195 31 g-index
52 all docs	52 docs citations	52 times ranked	407 citing authors

#	Article	IF	Citations
1	GREENPEG â€“ 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
2	A proposed new mineralogical classification system for granitic pegmatites â€“ Part I: History and the need for a new classification. Canadian Mineralogist, 2022, 60, 203-227.	1.0	11
3	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
4	Tools for Remote Exploration: A Lithium (Li) Dedicated Spectral Library of the Fregenedaâ€“Almendra Apliteâ€“Pegmatite Field. Data, 2021, 6, 33.	2.3	16
5	Garnet as Indicator of Pegmatite Evolution: The Case Study of Pegmatites from the Oxford Pegmatite Field (Maine, USA). Minerals (Basel, Switzerland), 2021, 11, 802.	2.0	2
6	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
7	Quartz chemistry of granitic pegmatites: Implications for classification, genesis and exploration. Chemical Geology, 2021, 584, 120507.	3.3	22
8	Validation of Remote Sensing Techniques in Greenfield Exploration Areas for Lithium (LI) in Central Portugal: A Study Case. , 2021, , .		1
9	The metasomatic enrichment of Li in psammopelitic units at San JosÃ©-ValdeflÃ³rez, Central Iberian Zone, Spain: a new type of lithium deposit. Scientific Reports, 2020, 10, 10828.	3.3	5
10	The Tres Arroyos Granitic Aplite-Pegmatite Field (Central Iberian Zone, Spain): Petrogenetic Constraints from Evolution of Nb-Ta-Sn Oxides, Whole-Rock Geochemistry and U-Pb Geochronology. Minerals (Basel, Switzerland), 2020, 10, 1008.	2.0	9
11	Paragenetic relationships, geochemistry and petrogenetic significance of primary Fe Mn phosphates from pegmatites: The case study of CaÃ±ada (Salamanca, Spain) and Palermo (New Hampshire, USA) pegmatites. Lithos, 2020, 374-375, 105710.	1.4	6
12	Semi-Automatization of Support Vector Machines to Map Lithium (Li) Bearing Pegmatites. Remote Sensing, 2020, 12, 2319.	4.0	57
13	Detecting Lithium (Li) Mineralizations from Space: Current Research and Future Perspectives. Applied Sciences (Switzerland), 2020, 10, 1785.	2.5	43
14	Multi-Scale Approach using Remote Sensing Techniques for Lithium Pegmatite Exploration: First Results. , 2020, , .		4
15	Reflectance spectroscopy to validate remote sensing data/algorithms for satellite-based lithium (Li) exploration (Central East Portugal). , 2020, , .		4
16	Characterization of lithium (Li) minerals from the Fregeneda-Almendra region through laboratory spectral measurements: a comparative study. , 2020, , .		5
17	Phosphate mineral associations from the Tres Arroyos aplite-pegmatites (Badajoz, Spain): Petrography, mineral chemistry, and petrogenetic implications. Canadian Mineralogist, 2020, 58, 747-765.	1.0	4
18	Evidence for internal fractionation from Li isotopes in tourmaline and mica in the Berry-Havey rare-element pegmatite (Maine, USA). Canadian Mineralogist, 2019, 57, 779-782.	1.0	3

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19	Mutual relationships between spodumene and petalite from the Iberian Massif pegmatites: more than PT changes?. Canadian Mineralogist, 2019, 57, 731-732.	1.0	2
20	Constraints and potentials of remote sensing data/techniques applied to lithium (Li)-pegmatites. Canadian Mineralogist, 2019, 57, 723-725.	1.0	16
21	Geochemistry of primary Fe-Mn phosphates from CaÃ‘ada (Spain) and Palermo (USA) pegmatites and petrogenetic implications. Canadian Mineralogist, 2019, 57, 783-785.	1.0	0
22	Characterization of Nb-Ta oxides associated with the aplopegmatites from Tres Arroyos (Badajoz,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	1
23	Petrogenetic relationships between Variscan granitoids and Li-(F-P)-rich aplite-pegmatites in the Central Iberian Zone: Geological and geochemical constraints and implications for other regions from the European Variscides. Ore Geology Reviews, 2018, 95, 408-430.	2.7	63
24	Insights into petrogenesis of the JÃ¡lama pluton (Central Iberian Zone, western Spain). International Geology Review, 2018, 60, 157-187.	2.1	9
25	Mica and feldspar as indicators of the evolution of a highly evolved granite-pegmatite system in the Tres Arroyos area (Central Iberian Zone, Spain). Journal of Iberian Geology, 2018, 44, 375-403.	1.3	11
26	Extreme fractionation in a graniteâ€“pegmatite system documented by quartz chemistry: The case study of Tres Arroyos (Central Iberian Zone, Spain). Lithos, 2017, 286-287, 162-174.	1.4	39
27	Bulk Composition of Mt. Mica Pegmatite, Maine, USA: Implications For the Origin of An Lct Type Pegmatite By Anatexis. Canadian Mineralogist, 2016, 54, 1053-1070.	1.0	65
28	Crystal Chemistry of the Wyllieite Group of Phosphate Minerals. Canadian Mineralogist, 2016, 54, 1087-1101.	1.0	8
29	Geology and mineralogy of Li mineralization in the Central Iberian Zone (Spain and Portugal). Mineralogical Magazine, 2016, 80, 103-126.	1.4	40
30	Triphyliteâ€“Sarcopside Miscibility Gap In the FeOâ€“MnOâ€“Li₂Oâ€“P₂O₅â€“H₂O System: Experimental Investigation and Thermometric Application To Granitic Pegmatites. Canadian Mineralogist, 2016, 54, 827-845.	1.0	4
31	Tourmaline as a petrogenetic monitor of the origin and evolution of the Berry-Havey pegmatite (Maine,) Tj ETQq1 1 0.784314 rgBT /O	1.9	24
32	GEOCHEMISTRY, MINERALOGY, AND EVOLUTION OF Li-Al MICAS AND FELDSPARS FROM THE MOUNT MICA PEGMATITE, MAINE, USA. Canadian Mineralogist, 2014, 52, 221-233.	1.0	32
33	ON THE GEOCHEMICAL CHARACTER OF PRIMARY Fe-Mn PHOSPHATES BELONGING TO THE TRIPHYLITE-LITHIOPHILITE, GRAFTONITE-BEUSITE, AND TRIPLITE-ZWIESELITE SERIES: FIRST RESULTS AND IMPLICATIONS FOR PEGMATITE PETROGENESIS. Canadian Mineralogist, 2014, 52, 321-335.	1.0	8
34	Phosphate nodules containing two distinct assemblages in the Cema granitic pegmatite, San Luis province, Argentina: Paragenesis, composition and significance. Canadian Mineralogist, 2012, 50, 913-931.	1.0	16
35	GEOCHEMISTRY AND EVOLUTION OF MICAS IN THE BARROSO-ALVAO PEGMATITE FIELD, NORTHERN PORTUGAL. Canadian Mineralogist, 2012, 50, 1117-1129.	1.0	31
36	From granite to highly evolved pegmatite: A case study of the Pinilla de Fermoselle graniteâ€“pegmatite system (Zamora, Spain). Lithos, 2012, 153, 192-207.	1.4	70

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37	ZAVALIAITE, (Mn2+,Fe2+,Mg)3(PO4)2, A NEW MEMBER OF THE SARCOPSIDE GROUP FROM THE LA EMPLEADA PEGMATITE, SAN LUIS PROVINCE, ARGENTINA. Canadian Mineralogist, 2012, 50, 1445-1452.	1.0	3
38	THE PUENTEMOCHA BERYL-PHOSPHATE GRANITIC PEGMATITE, SALAMANCA, SPAIN: INTERNAL STRUCTURE, PETROGRAPHY AND MINERALOGY. Canadian Mineralogist, 2012, 50, 1573-1587.	1.0	10
39	Occurrence, paragenesis and compositional evolution of tourmaline from the Tormes Dome area, Central Iberian Zone, Spain. Canadian Mineralogist, 2011, 49, 207-224.	1.0	14
40	Chemical variation and significance of micas from the Fregeneda-Almendra pegmatitic field (Central-Iberian Zone, Spain and Portugal). American Mineralogist, 2011, 96, 637-645.	1.9	50
41	Chemical variations and significance of phosphates from the Fregeneda-Almendra pegmatite field, Central Iberian Zone (Spain and Portugal). Mineralogy and Petrology, 2010, 100, 23-34.	1.1	28
42	Multistage boron metasomatism in the Alamo Complex (Central Iberian Zone, Spain): Evidence from field relations, petrography, and 40Ar/39Ar tourmaline dating. American Mineralogist, 2009, 94, 1468-1478.	1.9	5
43	Crystal chemistry of wyllieite-type phosphates. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s177-s177.	0.3	2
44	Granitic Pegmatites: the State of the Art Preface. European Journal of Mineralogy, 2008, 20, 419-419.	1.3	0
45	Micas of the muscoviteâ€“lepidolite series from Karibib pegmatites, Namibia. Mineralogical Magazine, 2007, 71, 41-62.	1.4	51
46	Mineralogy and geochemistry of micas from the Pinilla de Fermoselle pegmatite (Zamora, Spain). European Journal of Mineralogy, 2006, 18, 369-377.	1.3	42
47	Origin and internal evolution of the Li-F-Be-B-P-bearing Pinilla de Fermoselle pegmatite (Central Iberian) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	30
48	Tourmaline from the rare-element Pinilla pegmatite, (Central Iberian Zone, Zamora, Spain): chemical variation and implications for pegmatitic evolution. Mineralogy and Petrology, 2004, 81, 249-263.	1.1	24
49	Chemistry, paragenesis and significance of tourmaline in pegmatites of the Southern Tin Belt, central Namibia. Chemical Geology, 1999, 158, 203-225.	3.3	49
50	The phosphate mineral association of the granitic pegmatites of the Fregeneda area (Salamanca, Spain). Mineralogical Magazine, 1996, 60, 767-778.	1.4	30
51	Micas of the muscovite-lepidolite series from the fregeneda pegmatites (Salamanca, Spain). Mineralogy and Petrology, 1995, 55, 145-157.	1.1	33