

Rosa Lima

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2550685/publications.pdf>

Version: 2024-02-01

34
papers

515
citations

759233

12
h-index

713466

21
g-index

34
all docs

34
docs citations

34
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Mine water treatment with limestone for sulfate removal. Journal of Hazardous Materials, 2012, 221-222, 45-55.	12.4	98
2	Characterisation and magnetic concentration of an iron ore tailings. Journal of Materials Research and Technology, 2019, 8, 1052-1059.	5.8	47
3	Influence of cations Ca ²⁺ , Mg ²⁺ and Zn ²⁺ on the flotation and surface charge of smithsonite and dolomite with sodium oleate and sodium silicate. International Journal of Mineral Processing, 2017, 167, 35-41.	2.6	41
4	Incorporation of residues from the minero-metallurgical industry in the production of clay-lime brick. Journal of Cleaner Production, 2015, 87, 505-510.	9.3	31
5	Influence of sodium silicate modulus on iron ore flotation with sodium oleate. International Journal of Mineral Processing, 2013, 125, 157-160.	2.6	27
6	Effects of Calcium and Chloride Ions in Iron Ore Reverse Cationic Flotation: Fundamental Studies. Mineral Processing and Extractive Metallurgy Review, 2019, 40, 402-409.	5.0	18
7	Characterization and concentration by selective flocculation/magnetic separation of iron ore slimes from a dam of Quadril�terro Ferr�fero � Brazil. Journal of Materials Research and Technology, 2020, 9, 2021-2027.	5.8	18
8	Characterization of the sulphate mineral coquimbite, a secondary iron sulphate from Javier Ortega mine, Lucanas Province, Peru � Using infrared, Raman spectroscopy and thermogravimetry. Journal of Molecular Structure, 2014, 1063, 251-258.	3.6	17
9	Vibrational spectroscopy of the phosphate mineral kovdorskite � Mg ₂ PO ₄ (OH)�...3H ₂ O. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 309-315.	3.9	16
10	The spectroscopic characterization of the sulphate mineral ettringite from Kuruman manganese deposits, South Africa. Vibrational Spectroscopy, 2013, 68, 266-271.	2.2	16
11	Cleaner production of soapstone in the Ouro Preto region of Brazil: a case study. Journal of Cleaner Production, 2012, 32, 149-156.	9.3	15
12	Characterization of the sulphate mineral amarantite � using infrared, Raman spectroscopy and thermogravimetry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 85-91.	3.9	15
13	Calcination and characterisation studies of a Brazilian manganese ore tailing. International Journal of Mineral Processing, 2014, 131, 26-30.	2.6	15
14	Effect of the Morphological Types in Grinding of Iron-Ore Products. Mineral Processing and Extractive Metallurgy Review, 2015, 36, 324-331.	5.0	12
15	Incorporation of waste from ferromanganese alloy manufacture and soapstone powder in red ceramic production. Applied Clay Science, 2018, 161, 274-281.	5.2	12
16	Vibrational spectroscopy of the mineral meyerhofferite CaB ₃ O ₃ (OH)5�H ₂ O � An assessment of the molecular structure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 27-32.	3.9	11
17	Bench-scale calcination and sintering of a goethite iron ore sample. International Journal of Mineral Processing, 2016, 150, 54-64.	2.6	11
18	Thermal analysis and infrared emission spectroscopy of the borate mineral colemanite (CaB ₃ O ₄ (OH)3�H ₂ O). Journal of Thermal Analysis and Calorimetry, 2016, 124, 131-135.	3.6	10

#	ARTICLE	IF	CITATIONS
19	Thermal analysis and vibrational spectroscopic characterization of the boro silicate mineral datolite $\text{CaBSiO}_4(\text{OH})$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 115, 376-381.	3.9	9
20	The molecular structure of the borate mineral inderite $\text{Mg}(\text{H}_4\text{B}_3\text{O}_7)(\text{OH}) \cdot 5\text{H}_2\text{O}$ A vibrational spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116, 160-164.	3.9	9
21	Precipitation of a layered double hydroxide comprising Mg^{2+} and Al^{3+} to remove sulphate ions from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102815.	6.7	9
22	Using soapstone waste with diesel oil adsorbed as raw material for red ceramic products. <i>Ceramics International</i> , 2016, 42, 16205-16211.	4.8	8
23	Effect of Magnesium Species on Cationic Flotation of Quartz from Hematite. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2022, 43, 339-345.	5.0	8
24	Infrared and Raman spectroscopic characterization of the silicate mineral olmiite $\text{CaMn}_2[\text{SiO}_3(\text{OH})](\text{OH})$ implications for the molecular structure. <i>Journal of Molecular Structure</i> , 2013, 1053, 22-26.	3.6	7
25	SEM, EDS and vibrational spectroscopic study of the sulphate mineral rostitite $\text{AlSO}_4(\text{OH},\text{F}) \cdot 5(\text{H}_2\text{O})$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 616-620.	3.9	7
26	A model for estimating the PFD80 transportable moisture limit of iron ore fines. <i>Powder Technology</i> , 2019, 345, 329-337.	4.2	7
27	Vibrational spectroscopic characterization of the phosphate mineral series eosphorite "childrenite" $(\text{Mn},\text{Fe})\text{Al}(\text{PO}_4)(\text{OH})_2 \cdot (\text{H}_2\text{O})$. <i>Vibrational Spectroscopy</i> , 2013, 67, 14-21.	2.2	5
28	Selective Flotation of Quartz from Hematite by Amide-Amine: Fundamental Studies. <i>Mining, Metallurgy and Exploration</i> , 2021, 38, 2195-2207.	0.8	4
29	Remoção de sulfato de efluentes industriais por precipitação. <i>Engenharia Sanitaria E Ambiental</i> , 2011, 16, 361-368.	0.5	3
30	Assessment of the Molecular Structure of an Intermediate Member of the Triplite-Zwieselite Mineral Series: A Raman and Infrared Study. <i>Spectroscopy Letters</i> , 2014, 47, 214-222.	1.0	3
31	Cationic flotation of smithsonite and dolomite from Brazilian Ambrásia Norte Deposit. <i>REM: International Engineering Journal</i> , 2019, 72, 619-624.	0.4	3
32	Vibrational spectroscopic study of poldervaartite $\text{CaCa}[\text{SiO}_3(\text{OH})(\text{OH})]$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 827-831.	3.9	2
33	CARACTERIZAÇÃO DE TALCO PURIFICADO DE RESÍDUOS DE PEDRA SABÃO. <i>Holos</i> , 0, 3, 69.	0.0	1
34	Quartzite Quarry Waste Recovery: A Case Study. <i>Materials Science Forum</i> , 0, 636-637, 1244-1251.	0.3	0