

# Rosa Lima

## List of Publications by Year in descending order

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34  
papers

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citations

759233  
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docs citations

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times ranked

549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Magnesium Species on Cationic Flotation of Quartz from Hematite. Mineral Processing and Extractive Metallurgy Review, 2022, 43, 339-345.	5.0	8
2	Selective Flotation of Quartz from Hematite by Amide-Amine: Fundamental Studies. Mining, Metallurgy and Exploration, 2021, 38, 2195-2207.	0.8	4
3	Characterization and concentration by selective flocculation/magnetic separation of iron ore slimes from a dam of Quadril�tero Ferr�fero ��� Brazil. Journal of Materials Research and Technology, 2020, 9, 2021-2027.	5.8	18
4	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
5	Characterisation and magnetic concentration of an iron ore tailings. Journal of Materials Research and Technology, 2019, 8, 1052-1059.	5.8	47
6	A model for estimating the PFD80 transportable moisture limit of iron ore fines. Powder Technology, 2019, 345, 329-337.	4.2	7
7	Precipitation of a layered double hydroxide comprising Mg <sup>2+</sup> and Al <sup>3+</sup> to remove sulphate ions from aqueous solutions. Journal of Environmental Chemical Engineering, 2019, 7, 102815.	6.7	9
8	Cationic flotation of smithsonite and dolomite from Brazilian Ambr��sia Norte Deposit. REM: International Engineering Journal, 2019, 72, 619-624.	0.4	3
9	Incorporation of waste from ferromanganese alloy manufacture and soapstone powder in red ceramic production. Applied Clay Science, 2018, 161, 274-281.	5.2	12
10	Influence of cations Ca <sup>2+</sup> , Mg <sup>2+</sup> and Zn <sup>2+</sup> 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
11	Bench-scale calcination and sintering of a goethite iron ore sample. International Journal of Mineral Processing, 2016, 150, 54-64.	2.6	11
12	Using soapstone waste with diesel oil adsorbed as raw material for red ceramic products. Ceramics International, 2016, 42, 16205-16211.	4.8	8
13	Thermal analysis and infrared emission spectroscopy of the borate mineral colemanite (CaB <sub>3</sub> O <sub>4</sub> (OH)3���H <sub>2</sub> O). Journal of Thermal Analysis and Calorimetry, 2016, 124, 131-135.	3.6	10
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	Vibrational spectroscopic study of poldervaartite CaCa[SiO <sub>3</sub> (OH)(OH)]. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 827-831.	3.9	2
16	SEM, EDS and vibrational spectroscopic study of the sulphate mineral rostitite AlSO <sub>4</sub> (OH,F)���5(H <sub>2</sub> O). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 616-620.	3.9	7
17	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
18	Assessment of the Molecular Structure of an Intermediate Member of the Triplite-Zwieselite Mineral Series: A Raman and Infrared Study. Spectroscopy Letters, 2014, 47, 214-222.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Calcination and characterisation studies of a Brazilian manganese ore tailing. International Journal of Mineral Processing, 2014, 131, 26-30.	2.6	15
20	Characterization of the sulphate mineral coquimbite, a secondary iron sulphate from Javier Ortega mine, Lucanas Province, Peru â€” Using infrared, Raman spectroscopy and thermogravimetry. Journal of Molecular Structure, 2014, 1063, 251-258.	3.6	17
21	Infrared and Raman spectroscopic characterization of the silicate mineral olmiite $\text{CaMn}_2[\text{SiO}_3(\text{OH})](\text{OH})$ â€” implications for the molecular structure. Journal of Molecular Structure, 2013, 1053, 22-26.	3.6	7
22	Vibrational spectroscopic characterization of the phosphate mineral series eosphoriteâ€”childreniteâ€”(Mn,Fe)Al(PO <sub>4</sub> )(OH)2Â·(H <sub>2</sub> O). Vibrational Spectroscopy, 2013, 67, 14-21.	2.2	5
23	Influence of sodium silicate modulus on iron ore flotation with sodium oleate. International Journal of Mineral Processing, 2013, 125, 157-160.	2.6	27
24	Vibrational spectroscopy of the phosphate mineral kovdorskite â€” $\text{Mg}_2\text{PO}_4(\text{OH})\cdot 3\text{H}_2\text{O}$ . Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 309-315.	3.9	16
25	Thermal analysis and vibrational spectroscopic characterization of the boro silicate mineral datolite â€” $\text{CaBSiO}_4(\text{OH})$ . Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 376-381.	3.9	9
26	Characterization of the sulphate mineral amarantite â€” using infrared, Raman spectroscopy and thermogravimetry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 85-91.	3.9	15
27	The molecular structure of the borate mineral inderite $\text{Mg}(\text{H}_4\text{B}_3\text{O}_7)(\text{OH})\cdot 5\text{H}_2\text{O}$ â€” A vibrational spectroscopic study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 160-164.	3.9	9
28	Vibrational spectroscopy of the mineral meyerhofferite $\text{CaB}_3\text{O}_3(\text{OH})_5\cdot \text{H}_2\text{O}$ â€” An assessment of the molecular structure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 27-32.	3.9	11
29	The spectroscopic characterization of the sulphate mineral ettringite from Kuruman manganese deposits, South Africa. Vibrational Spectroscopy, 2013, 68, 266-271.	2.2	16
30	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
31	Mine water treatment with limestone for sulfate removal. Journal of Hazardous Materials, 2012, 221-222, 45-55.	12.4	98
32	RemoÃ§Ã£o de sulfato de efluentes industriais por precipitaÃ§Ã£o. Engenharia Sanitaria E Ambiental, 2011, 16, 361-368.	0.5	3
33	Quartzite Quarry Waste Recovery: A Case Study. Materials Science Forum, 0, 636-637, 1244-1251.	0.3	0
34	CARACTERIZAÃ§Ã£o DE TALCO PURIFICADO DE RESÃDUOS DE PEDRA SABÃo. Holos, 0, 3, 69.	0.0	1