

# Sergio SÃ¡nchez-Segado

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

226  
citations

1307594

7  
h-index

1125743

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the Alkali-promoted phase transformation in monazite for selective recovery of rare-oxides using deep eutectic solvents. Minerals Engineering, 2022, 182, 107564.	4.3	3
2	A novel reductive alkali roasting of chromite ores for carcinogen-free Cr <sup>6+</sup> -ion extraction of chromium oxide (Cr <sub>2</sub> O <sub>3</sub> ) – A clean route to chromium product manufacturing!. Journal of Hazardous Materials, 2021, 403, 123589.	12.4	8
3	An investigation on hydrofluoric (HF) acid-free extraction for niobium oxide (Nb <sub>2</sub> O <sub>5</sub> ) and tantalum oxide (Ta <sub>2</sub> O <sub>5</sub> ) from columbite/tantalite concentrates using alkali reductive roasting. Minerals Engineering, 2021, 173, 107183.	4.3	11
4	A comparison of methods for the estimation of the enthalpy of formation of rare earth compounds. Physical Chemistry Chemical Physics, 2021, 23, 24273-24281.	2.8	9
5	Nanoparticle corona artefacts derived from specimen preparation of particle suspensions. Scientific Reports, 2020, 10, 5278.	3.3	6
6	Evaluation of Ionic Liquids as In Situ Extraction Agents during the Alcoholic Fermentation of Carob Pod Extracts. Fermentation, 2019, 5, 90.	3.0	7
7	Algerian Carob Tree Products: A Comprehensive Valorization Analysis and Future Prospects. Sustainability, 2018, 10, 90.	3.2	14
8	Towards sustainable processing of columbite group minerals: elucidating the relation between dielectric properties and physico-chemical transformations in the mineral phase. Scientific Reports, 2017, 7, 18016.	3.3	10
9	Formation of Chromium-Containing Molten Salt Phase during Roasting of Chromite Ore with Sodium and Potassium Hydroxides. Journal for Manufacturing Science and Production, 2016, 16, 215-225.	0.1	6
10	Separation and recovery of critical metal ions using ionic liquids. Advances in Manufacturing, 2016, 4, 33-46.	6.1	71
11	Comparative study of alkali roasting and leaching of chromite ores and titaniferous minerals. Hydrometallurgy, 2016, 165, 213-226.	4.3	54
12	Alkali roasting of bomar ilmenite: rare earths recovery and physico-chemical changes. Open Chemistry, 2015, 13, .	1.9	20
13	Characterization of Physico-Chemical Changes during the Alkali Roasting of Niobium and Tantalum Oxides. , 2015, , 51-58.		0
14	AVANCES RECIENTES EN MODELADO Y SIMULACIÓN DE PILAS DE COMBUSTIBLE MICROBIANAS. Dyna (Spain), 2014, 89, 625-632.	0.2	4
15	Physical Chemistry of Roasting and Leaching Reactions for Chromium Chemical Manufacturing and Its Impact on the Environment – A Review. , 2013, , 225-236.		0
16	LA VAINA DEL ALGARROBO COMO NUEVA MATERIA PRIMA PARA LA PRODUCCIÓN DE BIOETANOL. Dyna (Spain), 2012, 87, 229-233.	0.2	0
17	NUEVOS PROCESOS DE SEPARACIÓN BASADOS EN MEMBRANAS LÍQUIDAS IÓNICAS SOPORTADAS. Dyna (Spain), 2011, 86, 686-692.	0.2	0