

Id	Title	Date	Participants	Research groups	Journal	DOI	Rank CiteScore	Quartil	Cites
25836712	Fire resistance performance of concrete-PVC panels with polyvinyl chloride (PVC) stay in place (SIP) formwork	1/9/2019	Murillo, Michel A.;Tutikian, Bernardo F.;Ortolan, Vinicius De Kayser;Hoffmann Sampaio, Carlos	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of materials research and technology	10.1016/j.jmrt.2019.07.018	19/164	1 88%	24
25892216	High-pressure grinding rolls: model validation andfunction parameters dependency on processconditions	1/12/2019	Anticoi Sudzuki, Hernan Francisco;Guasch Cascallo, Eduard;Oliva Moncunill, Josep;Alfonso Abella, Maria	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of materials research and technology	10.1016/j.jmrt.2019.09.016	19/164	1 88%	7
26610109	Computational and experimental investigation of biofilm disruption dynamics induced by high-velocity gas jet impingement	7/1/2020	Prades Martell, Lledó;Fabbri, Stefania;Dorado Castaño, Antonio David;Gamisans Noguera, Xavier;Stoodley,	BIOGAP - Biological Treatment of Gaseous Pollutants and Odours Group	mBio	10.1128/mBio.02813-19	18/163	1 89%	7
35255371	Corporate social responsibility and economic growth in the mining industry	1/3/2023	Yousefian, Mohammad;Bascompta Massanes, Marc;Sanmiquel Pera, Lluís;Vintro Sanchez,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Extractive Industries and Society-An International Journal	10.1016/j.exis.2023.101226	33/298	1 89%	7
37828105	Microflow injection analysis based on modular 3D platforms and colorimetric detection for Fe(III) monitoring in a wide concentration range	2/12/2023	Ricart Fort, David;Dorado Castaño, Antonio David;Lao Luque, Concepcion;Baeza Labat, Mireia	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Mikrochimica acta (1966)	10.1007/s00604-023-06029-x	15/141	1 89%	0
24009769	Optimizing the selective precipitation of iron to produce yellow pigment from acid mine drainage	1/5/2019	de Almeida Silva, Rodrigo;Secco, Marina Paula;Lermen, Richard Thomas;Homrich Schneider,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Minerals engineering	10.1016/j.mineng.2019.02.040	19/211	1 91%	17
26926887	Affinity of dual energy X-ray transmission sensors on minerals bearing heavy rare earth elements	1/3/2020	Veras, Moacir Medeiros;Young, Aaron Samuel;Born, Cristiano Rocha;Szewczuk, Artur;Bastos	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Minerals engineering	10.1016/j.mineng.2019.106151	19/211	1 91%	14
37748351	A high productivity bioprocess for obtaining metallic copper from printed circuit boards (PCBs)	1/1/2024	Iglesias González, Nieves;Dorado Castaño, Antonio David;Ramírez del Amo, Pablo;Mazuelos Rojas,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Minerals engineering	10.1016/j.mineng.2023.108459	19/211	1 91%	0
31751141	Petrography and geochemistry of exported colombian coals: implications from correlation and regression analyses	1/7/2021	Akinyemi, Segun A.;Bohórquez, Ferney;Islam, Nazrul;Saikia, Binoy K.;Hoffmann Sampaio,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Energy geoscience	10.1016/j.engeos.2020.12.003	17/284	1 94%	5
26538162	Occurrence of carbon nanotubes and implication for the siting of elements in selected anthracites	1/3/2020	Silva, Luis F. O.;Crissien, Tito J.;Hoffmann Sampaio, Carlos;Howe, James C.;Dai, Shifeng	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Fuel	10.1016/j.fuel.2019.116740	9/197	1 95%	29
30144984	Evaluation of natural background levels of high mountain karst aquifers in complex hydrogeological settings. A Gaussian mixture model approach in the	1/2/2021	Herms Canellas, Joan Ignasi;Jódar Bermúdez, Jorge;Soler Gil, Albert;Lambán Jiménez, Luis	COSDA-UPC - COmpositional and Spatial Data Analysis	Science of the total environment	10.1016/j.scitotenv.2020.143864	8/184	1 95%	14
31921762	Determination of the ground vibration attenuation law from a single blast: a particular case of trench blasting	1/10/2021	Bascompta Massanes, Marc;Rodríguez Díez, Rafael;García de Marina, Laura;Lombardía Fernández,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of rock mechanics and geotechnical engineering	10.1016/j.jrmge.2021.03.016	9/211	1 95%	8
35171127	The effect of slime accumulated in a long-term operating UASB using crude glycerol to treat S-rich wastewater	1/1/2024	Zhou, Xudong;Fernández Palacios, Eva;Dorado Castaño, Antonio David;Lafuente Sancho, Francisco	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of Environmental Sciences	10.1016/j.jes.2022.11.011	11/227	1 95%	1
32857244	Thermal behaviour of kaolinitic raw materials from San José (Oruro, Bolivia)	26/2/2022	Alfonso Abella, María Pura;Penedo Pereira, Lucio Amando;García-Vallès, Maite;Martínez Rigol,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of thermal analysis and calorimetry	10.1007/s10973-022-11245-3	6/115	1 96%	2

36808505	Differentiation between copal and amber by their structure and thermal behaviour	1/7/2023	García-Vallès, Maite;Di Mariano Simoncini, Alessandra;Alfonso Abella, María Pura;Nogués,	GGMM - Group of Geotechnics and Mechanics of Materials	Journal of thermal analysis and calorimetry	10.1007/s10973-023-12333-8	6/115	1 96%	0
29833215	A review of biotechnologies for the abatement of ammonia emissions	15/10/2020	Morral Moltó, Eloi;Gabriel Buguñá, David;Dorado Castaño, Antonio David;Gamisans Noguera,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Chemosphere	10.1016/j.chemosphere.2020.128606	14/577	1 97%	14
28443125	Feasibility of S-rich streams valorization through a two-step biosulfur production process	1/8/2020	Mora Garrido, Mabel;Fernández Palacios, Eva;Guimera Villalba, Xavier;Lafuente Sancho,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Chemosphere	10.1016/j.chemosphere.2020.126734	14/577	1 97%	12
32032834	Assessing main process mechanism and rates of sulfate reduction by granular biomass fed with glycerol under sulfidogenic conditions	1/1/2022	Zhou, Xudong;Fernández Palacios, Eva;Dorado Castaño, Antonio David;Gamisans Noguera, Xavier;Gabriel	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Chemosphere	10.1016/j.chemosphere.2021.131649	14/577	1 97%	8
34901758	A review: biological technologies for nitrogen monoxide abatement	5/1/2023	Cubides Paez, David Fernando;Guimera Villalba, Xavier;Jubany Güell, Irene;Gamisans Noguera,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Chemosphere	10.1016/j.chemosphere.2022.137147	14/577	1 97%	3
37783400	Metallogenic model of the Eocene Santa María and Antares Zn-Pb(-Ag) skarn deposits, Velardeña Mining District, Durango, Mexico	3/11/2023	Cano, Néstor Alfredo;Camprubí Cano, Antoni;González Partida, Eduardo;González-Ambrocio,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Mineralium deposita	10.1007/s00126-023-01225-4	3/154	1 98%	0
27776545	Fabrication, microstructure, and properties of fired clay bricks using construction and demolition waste sludge as the main additive	10/6/2020	Rei, Glaydson Simões dos;Cazacliu, Bogdan G.;Cothenet, Alexis;Poullain, Philippe;Wilhelm,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of cleaner production	10.1016/j.jclepro.2020.120733	4/473	1 99%	66
27032133	Rare earth elements and carbon nanotubes in coal mine around spontaneous combustions	20/4/2020	Silva, Luis F. O.;Crissien, Tito J.;Tutikian, Bernardo F.;Hoffmann Sampaio, Carlos	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of cleaner production	10.1016/j.jclepro.2020.120068	4/473	1 99%	21
27369614	Nanometric particles of high economic value in coal fire region: opportunities for social improvement	20/5/2020	Silva, Luis F. O.;Crissien, Tito J.;Schneider, Ismael L.;Blanco, Érika P.;Hoffmann Sampaio, Carlos	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of cleaner production	10.1016/j.jclepro.2020.120480	4/473	1 99%	14
34167065	LCA analysis and comparison in quarrying: Drill and blast vs mechanical extraction	1/10/2022	Bascompta Massanes, Marc;Sanmiquel Pera, Lluís;Gangoells Solanellas, Marta;Sidki Rius, Nor	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Journal of cleaner production	10.1016/j.jclepro.2022.133042	4/473	1 99%	1
32024799	Analysis of the process of compaction movements of deposits of crushed salt tailings	1/11/2021	Yubero De Mateo, Maria Teresa;Olivella Pastalle, Sebastian;Gens Sole, Antonio;Bonet Gil,	RIIS - Grup de Recerca en Recursos i Indústries Intel·ligents i Sostenibles	Engineering geology	10.1016/j.enggeo.2021.106290	2/284	1 99%	0