

ALFONSO ABELLA PURA

González-Partida, E., Camprubí, A., Pironon, J., Alfonso, P., Cienfuegos-Alvarado, E., Morales-Puente, P.A., Canet, C., González-Ruiz, L.E., Díaz-Carreño, E.H. (2017). Modelo de formación de los yacimientos estratoligados de Cu en lechos rojos de Las Vigas (Chihuahua, México). *Boletín de la Sociedad Geológica Mexicana*, 69, 611-635. <http://hdl.handle.net/2117/110836>

FI2016: 0.582

Categoria temàtica i quartil:

Q4 GEOLOGY

Guasch, E., Anticoi, H., Hamid, S., Oliva, J., Alfonso, P., Escobet, T., ...Bascompta, M. (2017). New approach to ball mill modelling as a piston flow process. *Minerals Engineering*. <https://doi.org/10.1016/j.mineng.2017.04.002>

FI2016:2.286

Categoria temàtica i quartil:

Q1 MINING AND MINERAL PROCESSING

Camprubí, A., González-Partida, E., Lopez-Martinez, M., Iriondo, A., Alfonso, P., Cienfuegos, E., ...González, L. (2017). The Upper Cretaceous Guaynopa IOCG and Guaynopita porphyry copper deposits, Chihuahua, Mexico. *Ore Geology Reviews*, 81(Part 3), 1096–1112. <https://doi.org/10.1016/j.oregeorev.2016.01.006>

FI2016:3.095

Categoria temàtica i quartil:

Q1 GEOLOGY

Q1 MINERALOGY

Q1 MINING & MINERAL PROCESSING

Camprubí, A., González-Partida, E., Alfonso, P., Torró, L., Canet, C., Miranda-Gasca, M. A., ... González, F. (2017). Mesozoic volcanogenic massive sulfide (VMS) deposits in Mexico. *Ore Geology Reviews*, 81(Part 3), 1066–1083. <https://doi.org/10.1016/j.oregeorev.2015.07.027>

FI2016:3.095

Categoria temàtica i quartil:

Q1 GEOLOGY

Q1 MINERALOGY

Q1 MINING & MINERAL PROCESSING

González, F., González-Partida, E., Canet, C., Atudorei, V., Alfonso, P., Morales, P., ...González, L. (2017). Geological setting and genesis of stratabound barite deposits at Múzquiz, Coahuila in northeastern Mexico. *Ore Geology Reviews*, 81, 1184–1192. <https://doi.org/10.1016/j.oregeorev.2015.10.008>

FI2016:3.095

Categoria temàtica i quartil:

Q1 GEOLOGY

Q1 MINERALOGY

Q1 MINING & MINERAL PROCESSING

Van Lichtervelde, M., Grand'Homme, A., de Saint-Blanquat, M., Olivier, P., Gerdes, A., Paquette, J. L., ...Alfonso, P. (2016). U-Pb geochronology on zircon and columbite-group minerals of the Cap de Creus pegmatites, NE Spain. *Mineralogy and Petrology*, 111(1), 1–21. <https://doi.org/10.1007/s00710-016-0455-1>

FI2016:1.236

Categoria temàtica i quartil:

Q3 GEOCHEMISTRY & GEOPHYSICS

Q3 MINERALOGY

García-Vallès, M., Alfonso, P., Arancibia, J. R. H., Martínez, S., & Parcerisa, D. (2016). Mineralogical and thermal characterization of borate minerals from Rio Grande deposit, Uyuni (Bolivia). *Journal of Thermal Analysis and Calorimetry*, 125, 673–679. <https://doi.org/10.1007/s10973-015-5161-4>

FI2016: 1.953

Categoria temàtica i quartil:

Q2 THERMODYNAMICS

Alfonso, P., Castro, D., García-Vallès, M., Tarragó, M., Tomasa, O., & Martínez, S. (2016). Recycling of tailings from the Barruecopardo tungsten deposit for the production of glass. *Journal of Thermal Analysis and Calorimetry*, 1–7. <https://doi.org/10.1007/s10973-016-5332-y>

FI2016: 1.953

Categoria temàtica i quartil:

Q2 THERMODYNAMICS

Núñez-Useche, F., Canet, C., Barragán, R., & Alfonso, P. (2016). Bioevents and redox conditions around the Cenomanian-Turonian anoxic event in Central Mexico. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 449, 205–226. <https://doi.org/10.1016/j.palaeo.2016.01.035>

FI2016: 2.578

Categoria temàtica i quartil:

Q1 PALEONTOLOGY

Torró, L., Proenza, J. A., Melgarejo, J. C., Alfonso, P., de Pablo, J., Colomer, J. M., ...Lewis, J. (2016). Mineralogy, geochemistry and sulfur isotope characterization of Cerro de maimón (Dominican Republic), San Fernando and Antonio (Cuba) lower cretaceous VMS deposits: formation during subduction initiation of the proto-Caribbean lithosphere within a fore-ar. *Ore Geology Reviews*, 72(1), 794–817. <https://doi.org/10.1016/j.oregeorev.2015.09.017>

FI2016:3.095

Categoria temàtica i quartil:

Q1 GEOLOGY

Q1 MINERALOGY

Q1 MINING & MINERAL PROCESSING

Campeny, M., Kamenetsky, V. S., Melgarejo, J. C., J., M., Manuel, J., Alfonso, P., ...Gonçalves, A. O. (2015). Carbonatitic lavas in Catanda (Kwanza Sul, Angola): mineralogical and geochemical constraints on the parental melt. *Lithos*, 232, 1–11. <https://doi.org/10.1016/j.lithos.2015.06.016>

FI2015:3.723

Categoria temàtica i quartil:

Q1 GEOCHEMISTRY & GEOPHYSICS

Q1 MINERALOGY

García-Valles, M., Alfonso, P., Canet, C., Martínez, S., Jimenez, A., Tarrago, M., & Hernández-Cruz, B. (2015). Kaolin from Acoculco (Puebla, Mexico) as raw material: mineralogical and thermal characterization. *Clay Minerals*, 50(3), 405–416. <https://doi.org/10.1180/claymin.2015.050.3.12>

FI2015:0.874

Categoria temàtica i quartil:

Q4 CHEMISTRY, PHYSIC

Q4 GEOSCIENCES, MULTIDISCIPLINARY

Q3 MINERALOGY

Rajabi, A., Rastad, E., Canet, C., & Alfonso, P. (2015). The early Cambrian Chahmir shale-hosted Zn-Pb deposit, Central Iran: an example of vent-proximal SEDEX mineralization. *Mineralium Deposita*, 50(5), 571–590. <https://doi.org/10.1007/s00126-014-0556-x>

FI2015:3.467

Categoria temàtica i quartil:

Q1 GEOCHEMISTRY & GEOPHYSICS

Q1 MINERALOGY

Rajabi, A., Canet, C., Rastad, E., & Alfonso, P. (2015). Basin evolution and stratigraphic correlation of sedimentary-exhalative Zn-Pb deposits of the Early Cambrian Zarigan-Chahmir Basin, Central Iran. *Ore Geology Reviews*, 64(1), 328–353. <https://doi.org/10.1016/j.oregeorev.2014.07.013>

FI2015:3.819

Categoria temàtica i quartil:

Q1 GEOLOGY

Q1 MINERALOGY

Q1 MINING & MINERAL PROCESSING

Martín-Martín, J. D., Travé, A., Gomez-Rivas, E., Alfonso, P., Sizun, J. P., Vergés, J., ...Salas, R. (2015). Fault-controlled and stratabound dolostones in the Late Aptian-

earliest Albian Benassal Formation (Maestrat Basin, E Spain): Petrology and geochemistry constrains. *Marine and Petroleum Geology*, 65, 83–102.
<https://doi.org/10.1016/j.marpetgeo.2015.03.019>

FI2015:2.788

Categoria temàtica i quartil:

Q1 GEOSCIENCE, MULTIDISCIPLINARY

Canet, C., Hernández-Cruz, B., Jimenez, A., Peláez, B., Pi, T., Villanueva-Estrada, R. E., ... Salinas, S. (2015). Combining ammonium mapping and short-wave infrared (SWIR) reflectance spectroscopy to constrain a model of hydrothermal alteration for the Acochulco geothermal zone, Eastern Mexico. *Geothermics*, 53, 154–165.
<https://doi.org/10.1016/j.geothermics.2014.05.012>

FI2015:2.323

Categoria temàtica i quartil:

Q2 ENERGY AND FUELS

Q2 GEOSCIENCE, MULTIDISCIPLINARY

de Felipe, J. J., Freijo, M., Alfonso, P., Sanmiquel, L., & Vintro, C. (2014). Occupational injuries in the mining sector (2000-2010). Comparison with the construction sector. *Dyna (Medellin)*, 81(186), 153–158. Retrieved from <http://hdl.handle.net/2117/23983>

No disposa de Fide JCR (FI 2013: 0.217)

SJR de Scopus 2014: 0.226

Categoria temàtica i quartil:

JCR 2013 Q4 ENGINEERING, MULTIDISCIPLINARY

SJR 2014 Q2 ENGINEERING (MISCELLANEOUS)

Romero, F., Canet, C., Alfonso, P., Zambrana, R. N., & N., S. (2014). The role of cassiterite controlling arsenic mobility in an abandoned stanniferous tailings impoundment at Llallagua, Bolivia. *Science of the Total Environment*, 481(1), 100–107.
<https://doi.org/10.1016/j.scitotenv.2014.02.002>

FI2014: 4.099

Categoria temàtica i quartil:

Q1 ENVIRONMENTAL SCIENCES

Demartis, M., Melgarejo, J. C., Colombo, F., Alfonso, P., Coniglio, J. E., Pinotti, L. P., & D'Eramo, F. J. (2014). Extreme F activities in late pegmatitic events as a key factor for LILE and HFSE enrichment: the Angel Pegmatite, Central Argentina. *Canadian Mineralogist*, 52(2), 247–269. <https://doi.org/10.3749/canmin.52.2.247>

FI2014: 1.181

Categoria temàtica i quartil:

Q3 MINERALOGY

Higuera, P., Oyarzun, R., Kotnik, J., Esbri, J. M., Martínez-Coronado, A., Horvat, M., ... Huremovic, J. (2014). A compilation of field surveys on gaseous elemental mercury (GEM) from contrasting environmental settings in Europe, South America, South Africa

and China: separating fads from facts. *Environmental Geochemistry and Health*, 36(4), 713–734. <https://doi.org/10.1007/s10653-013-9591-2>

FI2014:2.566

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENVIRONMENTAL SCIENCE

Q2 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH

Q1 WATER RESOURCES

Campeny, M., J., M., Melgarejo, J. C., Bambi, A., Alfonso, P., Gernon, T., & Manuel, J. (2014). The Catanda extrusive carbonatites (Kwanza Sul, Angola): an example of explosive carbonatitic volcanism. *Bulletin of Volcanology*, 76(4), 1–15. <https://doi.org/10.1007/s00445-014-0818-6>

FI2014:4.349

Categoria temàtica i quartil:

Q2 GEOSCIENCE, MULTIDISCIPLINARY

Canet, C., Anadón, P., González-Partida, E., Alfonso, P., Abdorrahman, R., Pérez, E., & Alba-Aldave, L. A. (2014). Paleozoic bedded barite deposits from Sonora (NW Mexico): evidence for a hydrocarbon seep environment of formation. *Ore Geology Reviews*, 56, 292–300. <https://doi.org/10.1016/j.oregeorev.2013.06.009>

FI2014:3.558

Categoria temàtica i quartil:

Q1 GEOLOGY

Q1 MINERALOGY

Q1 MINING & MINERAL PROCESSING

Arancibia, J. R. H., Alfonso, P., García-Vallès, M., Martínez, S., Parcerisa, D., Canet, C., & Romero, F. M. (2013). Obtención de vidrio a partir de residuos de la minería del estaño en Bolivia. *Boletín de La Sociedad Española de Cerámica Y Vidrio*, 52(3), 143–150. <https://doi.org/10.3989/cyv.192013>

FI2013: 0.343

Categoria temàtica i quartil:

Q4 MATERIALS SCIENCE, CERAMICS

Canet, C., Anadón, P., Alfonso, P., Prol-Ledesma, R. M., Villanueva-Estrada, R., & García-Vallès, M. (2013). Gas-seep related carbonate and barite authigenic mineralization in the northern Gulf of California. *Marine and Petroleum Geology*, 43, 147–165. <https://doi.org/10.1016/j.marpetgeo.2013.02.011>

FI2013: 2.469

Categoria temàtica i quartil:

Q2 GEOSCIENCE, MULTIDISCIPLINARY

Alfonso, P., Canet, C., Melgarejo, J. C., Mata, J., & Fallick, A. E. (2012). Stable isotope geochemistry of the Ulldemolins Pb-Zn-Cu deposit (SW Catalonian Coastal Ranges, Spain). *Geologica Acta*, 10(2), 145–157. <https://doi.org/10.1344/105.000001707>

FI2012: 1.262

Categoria temàtica i quartil:

Q2 GEOLOGY

Abdorrahman, R., Rastad, E., Alfonso, P., & Canet, C. (2012). Geology, ore facies and sulphur isotopes of the Koushk vent-proximal sedimentary-exhalative deposit, Posht-e-Badam Block, Central Iran. *International Geology Review*, 54(14), 1635–1648. <https://doi.org/10.1080/00206814.2012.659106>

FI2012: 3.359

Categoria temàtica i quartil:

Q1 GEOLOGY

Dorado, A. D., Solé, M., Lao, C., Alfonso, P., & Gamisans, X. (2012). Effect of pH and Fe(III) ions on chalcopyrite bioleaching by an adapted consortium from biogas sweetening. *Minerals Engineering*, 39, 36–38. <https://doi.org/10.1016/j.mineng.2012.06.009>

FI2012: 1.207

Categoria temàtica i quartil:

Q1 MINING & MINERAL PROCESSING

BONSFILLS PEDRÓS ANNA

Guimera, X., Dorado, A. D., Bonsfills, A., Gabriel Buguña, G., Gabriel, D., & Gamisans, X. (2016). Dynamic characterization of external and internal mass transport in heterotrophic biofilms from microsensors measurements. *Water Research (Oxford)*, 102, 551–560. <https://doi.org/10.1016/j.watres.2016.07.009>

FI2016: 6.942

Categoria temàtica i quartil:

Q1ENGINEERING, ENVIRONMENTAL

Q1 ENVIRONMENTAL SCIENCES

Q1 WATER RESOURCES

Mary, G., Dorado, A. D., Bonsfills, A., Gabriel, D., & Gamisans, X. (2013). Optimization of oxygen transfer through membrane diffusers for biological sweetening of biogas. *Chemical Engineering and Technology*, 36(3), 513–518. <https://doi.org/10.1002/ceat.201200603>

FI2013: 2.175

Categoria temàtica i quartil:

Q2ENGINEERING, CHEMICAL

Mary, G., Dorado, A. D., Bonsfills, A., Sanahuja, R., Gabriel, D., & Gamisans, X. (2012). Optimization of oxygen transfer through venturi-based systems applied to the biological sweetening of biogas. *Journal of Chemical Technology & Biotechnology*, 87(6), 854–860. <https://doi.org/10.1002/jctb.3731>

FI2012: 2.504

Categoria temàtica i quartil:

Q1ENGINEERING, CHEMICAL

BONET DALMAU JORDI

López-Riera, A., Aguila, F., Palà-Schönwälder, P., Bonet-Dalmau, J., Giralt, M., & Moncunill, F. X. (2017). Joint symbol and chip synchronization for a burst-mode-communication superregenerative MSK receiver. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 64(5), 1260–1269. <https://doi.org/10.1109/TCSI.2016.2636022>

FI2016: 2.407

Categoria temàtica i quartil:

Q2 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., **López-Riera, A.,** Moncunill, F. X., Aguila, F., & Giralt, M. (2015). Superregenerative reception of narrowband FSK modulations. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 62(3), 791–798. <https://doi.org/10.1109/TCSI.2014.2382192>

FI2015: 2.393

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., Moncunill, F. X., Aguila, F., & Giralt, M. (2014). A superregenerative QPSK receiver. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 61(1), 258–265. <https://doi.org/10.1109/TCSI.2013.2268313>

FI2014: 2.403

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., Moncunill, F. X., Aguila, F., & Giralt, M. (2013). A low in-band radiation superregenerative oscillator. *IEEE Transactions on Circuits and Systems II: Express Briefs*, 60(6), 307–310. <https://doi.org/10.1109/TCSII.2013.2258254>

FI2013: 1.187

Categoria temàtica i quartil:

Q3 ENGINEERING, ELECTRICAL & ELECTRONIC

Bonet-Dalmau, J., Moncunill, F. X., Palà-Schönwälder, P., Aguila, F., & Giralt, M. (2012). Frequency domain analysis of superregenerative receivers in the linear and the logarithmic modes. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 59(5), 1–11. <https://doi.org/10.1109/TCSI.2012.2185296>

FI2012: 2.240

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Moncunill, F. X., Bonet-Dalmau, J., Palà-Schönwälder, P., Aguila, F., & Giralt, M. (2012). A high-resolution UWB IR superregenerative receiver front end with an SRD quench shaper. *IEEE Transactions on Circuits and Systems II: Express Briefs*, 59(2), 93–97. <https://doi.org/10.1109/TCSII.2012.2184373>

FI2012: 1.327

Categoria temàtica i quartil:

Q2 ENGINEERING, ELECTRICAL & ELECTRONIC

DE LAS HERAS CISA XAVIER

Basas, J., López, J. J., & de las Heras, F. X. C. (2015). Labdane-type diterpenoids from *Juniperus communis* needles. *Industrial Crops and Products*, 76(2015), 333–345. <https://doi.org/10.1016/j.indcrop.2015.07.005>

FI2015: 3.449

Categoria temàtica i quartil:

Q1 AGRICULTURAL ENGINEERING

Q1 AGRONOMY

Jove, P., Olivella, M. À., Camarero, S., Caixach, J., Planas, C., Cano, L., & de las Heras, F. X. C. (2015). Fungal biodegradation of anthracene-polluted cork: a comparative study. *Journal of Environmental Science and Health. Part A, Toxic/hazardous Substances & Environmental Engineering*, 51(1), 70–77. <https://doi.org/10.1080/10934529.2015.1079114>

FI2015: 1.276

Categoria temàtica i quartil:

Q3 ENGINEERING, ENVIRONMENTAL

Q3 ENVIRONMENTAL SCIENCE

Basas, J., López, J., & de las Heras, F. X. C. (2014). Resorcinol and m-guaiacol alkylated derivatives and asymmetrical secondary alcohols in the leaves from *Tamarix anariensis*. *Phytochemistry Letters*, 10, 240–248. <https://doi.org/10.1016/j.phytol.2014.10.009>

FI2014: 1.450

Categoria temàtica i quartil:

Q2 PLANT SCIENCE

Q4 BIOCHEMISTRY & MOLECULAR BIOLOGY

DORADO CASTAÑO TONI

Morral, E., Lao-Luque, C., Gabriel, D., Gamisans, X., & Dorado, A. D. (2017). Capillary membrane bioreactor for abatement of low soluble compounds in waste gas. *Journal of Chemical Technology & Biotechnology*, (July). <https://doi.org/10.1002/jctb.5400>

FI2012: 2.504

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

San - Valero, P., Dorado, A. D., Quijano, G., Álvarez - Hornos, F., & Gabaldón, C. (2017). Biotrickling filter modeling for styrene abatement. Part 2: Simulating a two-phase partitioning bioreactor. *Chemosphere*.
<https://doi.org/10.1016/j.chemosphere.2017.10.141>

No disposa de Fide JCR

SJR de Scopus 2017: 1.417

Categoria temàtica i quartil:

SJR 2017 Q

Q1 CHEMISTRY

Q1 ENVIRONMENTAL CHEMISTRY

Q1 MEDICINE

San-Valero, P., Dorado, A. D., Martínez - Soria, V., & Gabaldón, C. (2017). Biotrickling filter modeling for styrene abatement. Part 1: Model development, calibration and validation on an industrial scale. *Chemosphere*.
<https://doi.org/10.1016/j.chemosphere.2017.10.069>

No disposa de Fide JCR

SJR de Scopus 2017: 1.417

Categoria temàtica i quartil:

SJR 2017 Q

Q1 CHEMISTRY

Q1 ENVIRONMENTAL CHEMISTRY

Q1 MEDICINE

Almenglo, F., Ramírez, M., Gómez, J. M., Cantero, D., Gamisans, X., & Dorado, A. D. (2016). Modeling and control strategies for anoxic biotrickling filtration in biogas purification. *Journal of Chemical Technology and Biotechnology*, 91(6).
<https://doi.org/10.1002/jctb.4769>

FI2016: 3.135

Categoria temàtica i quartil:

Q2 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Q2 CHEMISTRY, MULTIDISCIPLINARY

Q1 ENGINEERING, CHEMICAL

Guimera, X., Dorado, A. D., Bonsfills, A., Gabriel Buguña, G., Gabriel, D., & Gamisans, X. (2016). Dynamic characterization of external and internal mass transport in heterotrophic biofilms from microsensors measurements. *Water Research (Oxford)*, 102, 551–560. <https://doi.org/10.1016/j.watres.2016.07.009>

FI2016: 6.942

Categoria temàtica i quartil:

Q1ENGINEERING, ENVIRONMENTAL

Q1 ENVIRONMENTAL SCIENCES

Q1 WATER RESOURCES

Sole, M., Gamisans, X., Dorado, A. D., & Lao, C. (2016). Exploring arsenic adsorption at low concentration onto modified leonardite. *Water, Air and Soil Pollution*, 227(4, Article 128), 1–9. <https://doi.org/10.1007/s11270-016-2827-x>

FI2016: 1.702

Categoria temàtica i quartil:

Q2 WATER RESOURCES

Prades, L., Dorado, A. D., Climent, J., Guimera, X., Chiva, S., & Gamisans, X. (2016). CFD modeling of a fixed-bed biofilm reactor coupling hydrodynamics and biokinetics. *Chemical Engineering Journal*, 313, 680–692. <https://doi.org/10.1016/j.cej.2016.12.107>

FI2016: 6.216

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Hernández, J., Dorado, A. D., Lafuente, J., Gamisans, X., Jesús, Ó., & Gabriel, D. (2016). Characterization and evaluation of poplar and pine wood in twin biotrickling filters treating a mixture of NH₃, H₂S, butyric acid, and ethylmercaptan. *Environmental Progress & Sustainable Energy*, 36(1), 171–179. <https://doi.org/10.1002/ep.12491>

FI2016: 1.672

Categoria temàtica i quartil:

Q3GREEN & SUSTAINABLE CIENCE &TECHNOLOGY

Q3ENGINEERING, ENVIRONMENTAL

Q2 ENGINEERING, CHEMICAL

Q3 ENVIRONMENTAL SCIENCE

Cáceres, M., Dorado, A. D., Gentina, J., & Aroca, G. (2016). Oxidation of methane in biotrickling filters inoculated with methanotrophic bacteria. *Environmental Science and Pollution Research*, 1–11. <https://doi.org/10.1007/s11356-016-7133-z>

FI2016: 2.714

Categoria temàtica i quartil:

Q2 ENVIRONMENTAL SCIENCE

Lopez, L., Dorado, A. D., Mora, M., Gamisans, X., Lafuente, J., & Gabriel, D. (2016). Modeling an aerobic biotrickling filter for biogas desulfurization through a multi-step oxidation mechanism. *Chemical Engineering Journal*, 294, 447–457. <https://doi.org/10.1016/j.cej.2016.03.013>

FI2016: 6.216

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Abo, A., Alonso, A., Dorado, A. D., Sanchez, A., & Font, X. (2016). Phosphate removal and recovery from water using nanocomposite of immobilized magnetite nanoparticles on cationic polymer. *Environmental Technology*, 37(16), 2099–2112. <https://doi.org/10.1080/09593330.2016.1141999>

FI2016: 1.751

Categoria temàtica i quartil:

Q3 ENVIRONMENTAL SCIENCE

Llado, J., Lao, C., Ruiz, B., Fuente, E., Sole, M., & Dorado, A. D. (2015). Role of activated carbon properties in atrazine and paracetamol adsorption equilibrium and kinetics. *Process Safety and Environmental Protection*, 95, 51–59. <https://doi.org/10.1016/j.psep.2015.02.013>

FI2015: 2.078

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENGINEERING, CHEMICAL

Dorado, A. D., Gabriel, D., & Gamisans, X. (2015). Biofiltration of WWTP sludge composting emissions at contact times of 2–10 s by structured/unstructured packing materials. *Process Biochemistry*, 50(9), 1405–1412. <https://doi.org/10.1016/j.procbio.2015.05.023>

FI2015: 2.529

Categoria temàtica i quartil:

Q2 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Q2 ENGINEERING, CHEMICAL

Moya, A., Guimera, X., Del Campo, F., Prats-Alfonso, E., Dorado, A. D., Baeza, M., ... Gabriel Buguña, G. (2015). Profiling of oxygen in biofilms using individually addressable disk microelectrodes on a microfabricated needle. *Microchimica Acta*, 182(5–6), 985–993. <https://doi.org/10.1007/s00604-014-1405-4>

FI2015: 4.831

Categoria temàtica i quartil:

Q1 CHEMISTRY, ANALYTICAL

Mora, M., Dorado, A. D., Gamisans, X., & Gabriel, D. (2015). Investigating the kinetics of autotrophic denitrification with thiosulfate: modeling the denitrification mechanisms and the effect of the acclimation of SO-NR cultures to nitrite. *Chemical Engineering Journal*, 262, 235–241. <https://doi.org/10.1016/j.cej.2014.09.101>

FI2015: 5.310

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Q1 ENGINEERING, ENVIRONMENTAL

Arellano-Garcia, L., Dorado, A. D., Morales-Guadarrama, A., Sacristan, E., Gamisans, X., & Revah, S. (2015). Erratum to: modeling the effects of biomass accumulation on the performance of a biotrickling filter packed with PUF support for the alkaline biotreatment of dimethyl disulfide vapors in air. *Applied Microbiology and Biotechnology*, 99(5), 2463. <https://doi.org/10.1007/s00253-014-5929-7>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Guimera, X., Moya, A., Dorado, A. D., Villa, R., Gabriel, D., Gabriel Buguña, G., & Gamisans, X. (2015). Biofilm dynamics characterization using a novel DO-MEA sensor: mass transport and biokinetics. *Applied Microbiology and Biotechnology*, 99(1), 55–66. <https://doi.org/10.1007/s00253-014-5821-5>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Arellano-Garcia, L., Dorado, A. D., Morales, A., Sacristan, E., Gamisans, X., & Revah, S. (2015). Modeling the effects of biomass accumulation on the performance of a biotrickling filter packed with PUF support for the alkaline biotreatment of dimethyl disulfide vapors in air. *Applied Microbiology and Biotechnology*, 99(1), 97–107. <https://doi.org/10.1007/s00253-014-5929-7>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Dorado, A. D., Dumont, E., Muñoz, R., & Quijano, G. (2015). A novel mathematical approach for the understanding and optimization of two-phase partitioning bioreactors devoted to air pollution control. *Chemical Engineering Journal*, 263, 239–248. <https://doi.org/10.1016/j.cej.2014.11.014>

FI2016: 6.216

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Santos, A., Guimerà, X., Dorado, A. D., Gamisans, X., & Gabriel, D. (2015). Conversion of chemical scrubbers to biotrickling filters for VOCs and H₂S treatment at low contact times. *Applied Microbiology and Biotechnology*, 99(1), 67–76. <https://doi.org/10.1007/s00253-014-5796-2>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Dorado, A. D., Gamisans, X., Valderrama, C., Sole, M., & Lao, C. (2014). Cr(III) removal from aqueous solutions: A straightforward model approaching of the adsorption in a fixed-bed column. *Journal of Environmental Science and Health. Part A, Toxic/hazardous Substances & Environmental Engineering*, 49(2), 179–186. <https://doi.org/10.1080/10934529.2013.838855>

FI2014:1.164

Categoria temàtica i quartil:

Q3 ENGINEERING, ENVIRONMENTAL

Q3 ENVIRONMENTAL SCIENCES

Mary, G., Dorado, A. D., Fortuny, M., Gabriel, D., & Gamisans, X. (2014). Biotrickling filters for biogas sweetening: Oxygen transfer improvement for a reliable operation. *Process Safety and Environmental Protection*, 92(3), 261–268. <https://doi.org/10.1016/j.psep.2013.02.002>

FI2014: 2.551

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Dorado, A. D., Husni, S., Pascual, G., Puigdemívol, C., & Gabriel, D. (2014). Inventory and treatment of compost maturation emissions in a municipal solid waste treatment facility. *Waste Management*, 34(2), 344–351. <https://doi.org/10.1016/j.wasman.2013.10.044>

FI2014: 3.220

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q1 ENVIRONMENTAL SCIENCES

Moya, A., Guimera, X., del Campo, F., Prats-Alfonso, E., Dorado, A. D., Baeza, M., ... Gabriel Buguñá, G. (2014). Biofilm oxygen profiling using an array of microelectrodes on a microfabricated needle. *Procedia Engineering*, (87), 256–259. <https://doi.org/10.1016/j.proeng.2014.11.654>

No disposa de Fide JCR

SJR de Scopus 2014: 0.275

Categoria temàtica i quartil:

Q2 ENGINEERING

Mary, G., Dorado, A. D., Bonsfills, A., Gabriel, D., & Gamisans, X. (2013). Optimization of oxygen transfer through membrane diffusers for biological sweetening of biogas. *Chemical Engineering and Technology*, 36(3), 513–518. <https://doi.org/10.1002/ceat.201200603>

FI2013: 2.175

Categoria temàtica i quartil:

Q2ENGINEERING, CHEMICAL

Lao, C., Sole, M., Gamisans, X., Valderrama, C., & Dorado, A. D. (2014). Characterization of chromium (III) removal from aqueous solutions by an immature coal (leonardite). Toward a better understanding of the phenomena involved. *Clean Technologies and Environmental policy*, 1–10. <https://doi.org/10.1007/s10098-013-0610-x>

FI2014:1.934

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENVIRONMENTAL SCIENCES

Mary, G., Dorado, A. D., Bonsfills, A., Sanahuja, R., Gabriel, D., & Gamisans, X. (2012). Optimization of oxygen transfer through venturi-based systems applied to the biological sweetening of biogas. *Journal of Chemical Technology & Biotechnology*, 87(6), 854–860. <https://doi.org/10.1002/jctb.3731>

FI2012: 2.504

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Dorado, A. D., Baeza, J. A., Lafuente, J., Gabriel, D., & Gamisans, X. (2012). Biomass accumulation in a biofilter treating toluene at high loads – Part 1: Experimental performance from inoculation to clogging. *Chemical Engineering Journal*, 209, 661–669. <https://doi.org/10.1016/j.cej.2012.08.018>

FI2012: 3.473

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Dorado, A. D., Lafuente, F., Gabriel, D., & Gamisans, X. (2012). Biomass accumulation in a biofilter treating toluene at high loads – Part 2: Model development, calibration and validation. *Chemical Engineering Journal*, 209, 670–676. <https://doi.org/10.1016/j.cej.2012.08.019>

FI2012: 3.473

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Dorado, A. D., Lafuente Sancho, F. J., Gabriel, D., & Gamisans, X. (2012). Interaction between sorption and biodegradation in a biofilter packed with activated carbon. *Water Science and Technology*, 66(8), 1743–1750. <https://doi.org/10.2166/wst.2012.384>

FI2012: 1.102

Categoria temàtica i quartil:

Q3 ENGINEERING, ENVIRONMENTAL

Q3 ENVIRONMENTAL SCIENCE

Q3 WATER RESOURCES

Dorado, A. D., Solé, M., Lao, C., Alfonso, P., & Gamisans, X. (2012). Effect of pH and Fe(III) ions on chalcopyrite bioleaching by an adapted consortium from biogas sweetening. *Minerals Engineering*, 39, 36–38. <https://doi.org/10.1016/j.mineng.2012.06.009>

FI2012: 1.207

Categoria temàtica i quartil:

Q1 MINING & MINERAL PROCESSING

FONT TEIXIDOR JOSEP

Chang, Y.-H., Olukan, T., Lai, C.-Y., Santos, S., Lin, T.-Y., Apostoleris, H, Font J and Barcons V. Chiesa, M. (2015). Establishing Nanoscale Heterogeneity with Nanoscale Force Measurements. *Journal of Physical Chemistry C*, 119(32). <https://doi.org/10.1021/acs.jpcc.5b04456>

FI2015: 4.509

Categoria temàtica i quartil:

Q1 CHEMISTRY, PHYSICAL

Q2 NANOSCIENCE & NANOTECHNOLOGY

Q1 MATERIALS SCIENCE, MULTIDISCIPLINARY

Santos, S., Barcons, V., Christenson, H. K., Billingsley, D. J., Bonass, W. A., Font, J., & Thomson, N. H. (2013). Stability, resolution, and ultra-low wear amplitude modulation atomic force microscopy of DNA: Small amplitude small set-point imaging. *Applied Physics Letters*, 103(6). <https://doi.org/10.1063/1.4817906>

FI2013: 3.515

Categoria temàtica i quartil:

Q1 PHYSICS, APPLIED

Santos, S., Barcons, V., Font, J., & Verdaguer, A. (2014). Unlocking higher harmonics in atomic force microscopy with gentle interactions. *Beilstein Journal of Nanotechnology*, 5(1). <https://doi.org/10.3762/bjnano.5.29>

FI2014:4.267

Categoria temàtica i quartil:

Q2 NANOSCIENCE & NANOTECHNOLOGY

Q1 MATERIALS SCIENCE, MULTIDISCIPLINARY

Q1 PHYSICS, APPLIED

Santos, S., Lai, C.-Y., Amadei, C. A., Gadelrab, K. R., Tang, T.-C., Verdaguer, A., ... Chiesa, M. (2016). The Mendeleev-Meyer force project. *Nanoscale*, 8(40). <https://doi.org/10.1039/c6nr06094c>

FI2016:7.367

Categoria temàtica i quartil:

Q1 CHEMISTRY, MULTIDISCIPLINARY

Q1 NANOSCIENCE & NANOTECHNOLOGY

Q1 MATERIALS SCIENCE, MULTIDISCIPLINARY

Q1 PHYSICS, APPLIED

GAMISANS NOGUERA XAVIER

Morral, E., Lao-Luque, C., Gabriel, D., Gamisans, X., & Dorado, A. D. (2017). Capillary membrane bioreactor for abatement of low soluble compounds in waste gas. *Journal of Chemical Technology & Biotechnology*, (July). <https://doi.org/10.1002/jctb.5400>

FI2012: 2.504

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Almenglo, F., Ramírez, M., Gómez, J. M., Cantero, D., Gamisans, X., & Dorado, A. D. (2016). Modeling and control strategies for anoxic biotrickling filtration in biogas purification. *Journal of Chemical Technology and Biotechnology*, 91(6). <https://doi.org/10.1002/jctb.4769>

FI2016: 3.135

Categoria temàtica i quartil:

Q2 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Q2 CHEMISTRY, MULTIDISCIPLINARY

Q1 ENGINEERING, CHEMICAL

Guimera, X., Dorado, A. D., Bonsfills, A., Gabriel Buguña, G., Gabriel, D., & Gamisans, X. (2016). Dynamic characterization of external and internal mass transport in heterotrophic biofilms from microsensors measurements. *Water Research (Oxford)*, 102, 551–560. <https://doi.org/10.1016/j.watres.2016.07.009>

FI2016: 6.942

Categoria temàtica i quartil:

Q1ENGINEERING, ENVIRONMENTAL
Q1 ENVIRONMENTAL SCIENCES
Q1 WATER RESOURCES

Sole, M., Gamisans, X., Dorado, A. D., & Lao, C. (2016). Exploring arsenic adsorption at low concentration onto modified leonardite. *Water, Air and Soil Pollution*, 227(4, Article 128), 1–9. <https://doi.org/10.1007/s11270-016-2827-x>

FI2016: 1.702

Categoria temàtica i quartil:

Q2 WATER RESOURCES

Prades, L., Dorado, A. D., Climent, J., Guimera, X., Chiva, S., & Gamisans, X. (2016). CFD modeling of a fixed-bed biofilm reactor coupling hydrodynamics and biokinetics. *Chemical Engineering Journal*, 313, 680–692. <https://doi.org/10.1016/j.cej.2016.12.107>

FI2016: 6.216

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL
Q1 ENGINEERING, CHEMICAL

Hernández, J., Dorado, A. D., Lafuente, J., Gamisans, X., Jesús, Ó., & Gabriel, D. (2016). Characterization and evaluation of poplar and pine wood in twin biotrickling filters treating a mixture of NH₃, H₂S, butyric acid, and ethylmercaptan. *Environmental Progress & Sustainable Energy*, 36(1), 171–179. <https://doi.org/10.1002/ep.12491>

FI2016: 1.672

Categoria temàtica i quartil:

Q3 GREEN & SUSTAINABLE CIENCE &TECHNOLOGY
Q3ENGINEERING, ENVIRONMENTAL
Q2 ENGINEERING, CHEMICAL
Q3 ENVIRONMENTAL SCIENCE

Lopez, L., Dorado, A. D., Mora, M., Gamisans, X., Lafuente, J., & Gabriel, D. (2016). Modeling an aerobic biotrickling filter for biogas desulfurization through a multi-step oxidation mechanism. *Chemical Engineering Journal*, 294, 447–457. <https://doi.org/10.1016/j.cej.2016.03.013>

FI2016: 6.216

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL
Q1 ENGINEERING, CHEMICAL

Mora, M., Lopez, L., Lafuente, J., Pérez, J., Kleerebezem, R., van Loosdrecht M., ... Gabriel, D. (2016). Respirometric characterization of aerobic sulfide, thiosulfate and elemental sulfur oxidation by S-oxidizing biomass. *Water Research (Oxford)*, 89, 282–292. <https://doi.org/10.1016/j.watres.2015.11.061>

FI2016: 6.942

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENVIRONMENTAL SCIENCE

Q1 WATER RESOURCES

Bonilla, W., Mora, M., Revah, S., Baeza, J., Lafuente, J., Gamisans, X., ...González, A. (2015). Application of a novel respirometric methodology to characterize mass transfer and activity of H₂S-oxidizing biofilms in biotrickling filter beds. *Biochemical Engineering Journal*, 99, 24–34. <https://doi.org/10.1016/j.bej.2015.02.030>

FI2015: 2.463

Categoria temàtica i quartil:

Q2 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Q1 ENGINEERING, CHEMICAL

Mora, M., Fernandez, M., Gómez, J. M., Cantero, D., Lafuente, J., Gamisans, X., & Gabriel, D. (2015). Kinetic and stoichiometric characterization of anoxic sulfide oxidation by SO-NR mixed cultures from anoxic biotrickling filters. *Applied Microbiology and Biotechnology*, 99(1), 77–87. <https://doi.org/10.1007/s00253-014-5688-5>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Santos, A., Guimerà, X., Dorado, A. D., Gamisans, X., & Gabriel, D. (2015). Conversion of chemical scrubbers to biotrickling filters for VOCs and H₂S treatment at low contact times. *Applied Microbiology and Biotechnology*, 99(1), 67–76. <https://doi.org/10.1007/s00253-014-5796-2>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Moya, A., Guimerà, X., del Campo, F. J., Prats-Alfonso, E., Dorado, A. D., Baeza, M., ...Gabriel, G. (2015). Profiling of oxygen in biofilms using individually addressable disk microelectrodes on a microfabricated needle. *Microchim Acta*, 182, 985–993. <https://doi.org/10.1007/s00604-014-1405-4>

FI2015: 4.831

Categoria temàtica i quartil:

Q1 CHEMISTRY, ANALYTICAL

Dorado, A. D., Gabriel, D., & Gamisans, X. (2015). Biofiltration of WWTP sludge composting emissions at contact times of 2–10 s by structured/unstructured packing materials. *Process Biochemistry*, 50(9), 1405–1412. <https://doi.org/10.1016/j.procbio.2015.05.023>

FI2015: 2.529

Categoria temàtica i quartil:

Q2 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Q2 ENGINEERING, CHEMICAL

Mora, M., Dorado, A. D., Gamisans, X., & Gabriel, D. (2015). Investigating the kinetics of autotrophic denitrification with thiosulfate: modeling the denitrification mechanisms and the effect of the acclimation of SO-NR cultures to nitrite. *Chemical Engineering Journal*, 262, 235–241. <https://doi.org/10.1016/j.cej.2014.09.101>

FI2015: 5.310

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Q1 ENGINEERING, ENVIRONMENTAL

Arellano-Garcia, L., Dorado, A. D., Morales-Guadarrama, A., Sacristan, E., Gamisans, X., & Revah, S. (2015). Erratum to: modeling the effects of biomass accumulation on the performance of a biotrickling filter packed with PUF support for the alkaline biotreatment of dimethyl disulfide vapors in air. *Applied Microbiology and Biotechnology*, 99(5), 2463. <https://doi.org/10.1007/s00253-014-5929-7>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Guimera, X., Moya, A., Dorado, A. D., Villa, R., Gabriel, D., Gabriel Buguña, G., & Gamisans, X. (2015). Biofilm dynamics characterization using a novel DO-MEA sensor: mass transport and biokinetics. *Applied Microbiology and Biotechnology*, 99(1), 55–66. <https://doi.org/10.1007/s00253-014-5821-5>

FI2015: 3.376

Categoria temàtica i quartil:

Q1 BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Mora, M., Guisasola, A., Gamisans, X., & Gabriel, D. (2014). Examining thiosulfate-driven autotrophic denitrification through respirometry. *Chemosphere*, 113. <https://doi.org/10.1016/j.chemosphere.2014.03.083>

No disposa de FIde JCR

SJR de Scopus 2014: 1.593

Categoria temàtica i quartil:

Q1 CHEMISTRY

Q1 ENVIRONMENTAL CHEMISTRY

Moya, A., Guimera, X., Campo, F. J., Prats-alfonso, E., Dorado, A. D., & Baeza, M. (2014). Biofilm Oxygen Profiling using an Array of Microelectrodes on a Microfabricated Needle. In *Procedia Engineering* (Vol. 0, pp. 0–3).

No disposa de FIde JCR

SJR de Scopus 2014: 0.275

Categoria temàtica i quartil:

Q2 ENGINEERING

Dorado, A. D., Gamisans, X., Valderrama, C., Sole, M., & Lao, C. (2014). Cr(III) removal from aqueous solutions: A straightforward model approaching of the adsorption in a fixed-bed column. *Journal of Environmental Science and Health. Part A, Toxic/hazardous Substances & Environmental Engineering*, 49(2), 179–186.
<https://doi.org/10.1080/10934529.2013.838855>

FI2014:1.164

Categoria temàtica i quartil:

Q3 ENGINEERING, ENVIRONMENTAL

Q3 ENVIRONMENTAL SCIENCES

Mary, G., Dorado, A. D., Fortuny, M., Gabriel, D., & Gamisans, X. (2014). Biotrickling filters for biogas sweetening: Oxygen transfer improvement for a reliable operation. *Process Safety and Environmental Protection*, 92(3), 261–268.
<https://doi.org/10.1016/j.psep.2013.02.002>

FI2014: 2.551

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Montebello, A. M., Mora, M., Lopez, L., T., B., Gamisans, X., Lafuente Sancho, F. J., ... Gabriel, D. (2014). Aerobic desulfurization of biogas by acidic biotrickling filtration in a randomly packed reactor. *Journal of Hazardous Materials*, 280, 200–208.
<https://doi.org/10.1016/j.jhazmat.2014.07.075>

FI2014: 4.529

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING CIVIL

Q1 ENVIRONMENTAL SCIENCE

Mora, M., López, L. R., Gamisans, X., & Gabriel, D. (2014). Coupling respirometry and titrimetry for the characterization of the biological activity of a SO-NR consortium. *Chemical Engineering Journal*, 251, 111–115. Retrieved from
<http://linkinghub.elsevier.com/retrieve/pii/S1385894714004525>

FI2014: 4.321

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Montebello, A. M., Bezerra, T., Rovira, R., Rago, L., Lafuente, J., Gamisans, X., ... Gabriel, D. (2013). Operational aspects, pH transition and microbial shifts of a H₂S desulfurizing biotrickling filter with random packing material. *Chemosphere*, 93(11).
<https://doi.org/10.1016/j.chemosphere.2013.08.052>

No disposa de Fide JCR

SJR de Scopus 2013: 1.724

Categoria temàtica i quartil:

Q1 CHEMISTRY

Q1 ENVIRONMENTAL CHEMISTRY

Mary, G., Dorado, A. D., Bonsfills, A., Gabriel, D., & Gamisans, X. (2013). Optimization of oxygen transfer through membrane diffusers for biological sweetening of biogas. *Chemical Engineering and Technology*, 36(3), 513–518.

<https://doi.org/10.1002/ceat.201200603>

FI2013: 2.175

Categoria temàtica i quartil:

Q2 ENGINEERING, CHEMICAL

Lao, C., Sole, M., Gamisans, X., Valderrama, C., & Dorado, A. D. (2014). Characterization of chromium (III) removal from aqueous solutions by an immature coal (leonardite). Toward a better understanding of the phenomena involved. *Clean Technologies and Environmental policyB*, 1–10. <https://doi.org/10.1007/s10098-013-0610-x>

FI2014:1.934

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENVIRONMENTAL SCIENCES

Dorado, A. D., Lafuente, J., Gabriel, D., & Gamisans, X. (2012). Interaction between sorption and biodegradation in a biofilter packed with activated carbon. *Water Science and Technology : A Journal of the International Association on Water Pollution Research*, 66(8), 1743–50. <https://doi.org/10.2166/wst.2012.384>

FI2012: 1.102

Categoria temàtica i quartil:

Q3 ENGINEERING, ENVIRONMENTAL

Q3 ENVIRONMENTAL SCIENCE

Q3 WATER RESOURCES

Dorado, A. D., Lafuente, J., Gabriel, D., & Gamisans, X. (2012). Biomass accumulation in a biofilter treating toluene at high loads – Part 2: Model development, calibration and validation. *Chemical Engineering Journal*, 209, 670–676. <https://doi.org/10.1016/j.cej.2012.08.019>

FI2012: 3.473

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Dorado, A. D., Baeza, J. A., Lafuente, J., Gabriel, D., & Gamisans, X. (2012). Biomass accumulation in a biofilter treating toluene at high loads – Part 1: Experimental performance from inoculation to clogging. *Chemical Engineering Journal*, 209, 661–669. <https://doi.org/10.1016/j.cej.2012.08.018>

FI2012: 3.473

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENGINEERING, CHEMICAL

Mary, G., Dorado, A. D., Bonsfills, A., Sanahuja, R., Gabriel, D., & Gamisans, X. (2012). Optimization of oxygen transfer through venturi-based systems applied to the biological sweetening of biogas. *Journal of Chemical Technology & Biotechnology*, 87(6), 854–860. <https://doi.org/10.1002/jctb.3731>

FI2012: 2.504

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Dorado, A. D., Solé, M., Lao, C., Alfonso, P., & Gamisans, X. (2012). Effect of pH and Fe(III) ions on chalcopyrite bioleaching by an adapted consortium from biogas sweetening. *Minerals Engineering*, 39, 36–38. <https://doi.org/10.1016/j.mineng.2012.06.009>

FI2012: 1.207

Categoria temàtica i quartil:

Q1 MINING & MINERAL PROCESSING

GIRALT MAS ROSA

López-Riera, A., Aguila, F., Palà-Schönwälder, P., Bonet-Dalmau, J., Giralt, M., & Moncunill, F. X. (2017). Joint symbol and chip synchronization for a burst-mode-communication superregenerative MSK receiver. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 64(5), 1260–1269. <https://doi.org/10.1109/TCSI.2016.2636022>

FI2016: 2.407

Categoria temàtica i quartil:

Q2 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., López-Riera, A., Moncunill, F. X., Aguila, F., & Giralt, M. (2015). Superregenerative reception of narrowband FSK modulations. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 62(3), 791–798. <https://doi.org/10.1109/TCSI.2014.2382192>

FI2015: 2.393

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., Moncunill, F. X., Aguila, F., & Giralt, M. (2014). A superregenerative QPSK receiver. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 61(1), 258–265. <https://doi.org/10.1109/TCSI.2013.2268313>

FI2014: 2.403

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., Moncunill, F. X., Aguila, F., & Giralt, M. (2013). A low in-band radiation superregenerative oscillator. *IEEE Transactions on Circuits and Systems II: Express Briefs*, 60(6), 307–310. <https://doi.org/10.1109/TCSII.2013.2258254>

FI2013: 1.187

Categoria temàtica i quartil:

Q3 ENGINEERING, ELECTRICAL & ELECTRONIC

Bonet-Dalmau, J., Moncunill, F. X., Palà-Schönwälder, P., Aguila, F., & Giralt, M. (2012). Frequency domain analysis of superregenerative receivers in the linear and the logarithmic modes. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 59(5), 1–11. <https://doi.org/10.1109/TCSI.2012.2185296>

FI2012: 2.240

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Moncunill, F. X., Bonet-Dalmau, J., Palà-Schönwälder, P., Aguila, F., & Giralt, M. (2012). A high-resolution UWB IR superregenerative receiver front end with an SRD quench shaper. *IEEE Transactions on Circuits and Systems II: Express Briefs*, 59(2), 93–97. <https://doi.org/10.1109/TCSII.2012.2184373>

FI2012: 1.327

Categoria temàtica i quartil:

Q2 ENGINEERING, ELECTRICAL & ELECTRONIC

GRAU VILALTA DOLORS

Torras-Melenchon, N., Grau, M. D., Font, J., & Freixas, J. (2017). Effect of a science communication event on students' attitudes towards science and technology. *International Journal of Engineering Education*, 33(1(A)), 55–65. Retrieved from <http://hdl.handle.net/2117/102416>

FI2016: 0.609

Categoria temàtica i quartil:

Q4 EDUCATION, SCIENTIFIC DISCIPLINES

Q4 ENGINEERING, MULTIDISCIPLINARY

Torras-Melenchon, N., Grau, M. D., Font, J., & Freixas, J. (2015). EXPLORE: an action to bring science and technology closer to secondary school. *Journal of Technology and Science Education*, 5(2), 75–86. <https://doi.org/10.3926/jotse.142>

No disposa de Fide JCR

SJR de Scopus 2016: 0.113

Categoria temàtica i quartil:

Q4 COMPUTER SCIENCE APPLICATIONS

Q4 EDUCATION

Grau, M. D., Gaus, E., Martinez, M., Calvet, A., Farran, A., Salan, N., ... Garrido, N. (2012). GREDIQ-RIMA: the evolution of a teaching project of experimentation in chemistry. *Procedia - Social and Behavioral Sciences*, 46, 858–862.

<https://doi.org/10.1016/j.sbspro.2012.05.213>

No disposa de Fide JCR

SJR de Scopus 2012: 0.225

Categoria temàtica i quartil: no disposa de quartil, es considera unconference and proceeding

PSYCHOLOGY (MISCELLANEOUS)

SOCIAL SCIENCES (MISCELLANEOUS)

Grau, M. D., Font, J., & N., T.-M. (2012). The knowledge fair: an activity for high school students. *Procedia - Social and Behavioral Sciences*, 46, 1037–1041.

<https://doi.org/10.1016/j.sbspro.2012.05.244>

No disposa de Fide JCR

SJR de Scopus 2012: 0.225

Categoria temàtica i quartil: no disposa de quartil, es considera unconference and proceeding

PSYCHOLOGY (MISCELLANEOUS)

SOCIAL SCIENCES (MISCELLANEOUS)

JORGE SANCHEZ JOAN

Marino, J., Jorge, J., Menendez-Aguado, J. M., Álvarez-Rodríguez, B., & de Felipe, J. J. (2017). Heat generation model in the ball milling process of a Tantalum ore. *Minerals and Metallurgical Processing*, 34(1), 10–19. <https://doi.org/10.19150/mmp.7244>

FI2016: 0.692

Categoria temàtica i quartil:

Q3 METALLURGY & METALLURGICAL ENGINEERING

Q3 MINING & MINERAL PROCESSING

Bacardit, A., Morera, J. M., Shendrik, A., Jorge, J., & Olle, L. (2012). Humic acid derivatives as tanning and retanning agents. *Journal of the Society of Leather Technologists and Chemists*, 96(2), 64–67. Retrieved from <http://hdl.handle.net/2117/15766>

FI2012: 0.648

Categoria temàtica i quartil:

Q3 MATERIALS SCIENCE, TEXTILES

LAO LUQUE CONXITA

Morral, E., Lao, C., Gabriel, D., Gamisans, X., & Dorado, A. D. (2017). Capillary membrane bioreactor for abatement of low soluble compounds in waste gas. *Journal of Chemical Technology & Biotechnology*. <https://doi.org/10.1002/jctb.5400>

FI2012: 2.504

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Llado, J., Gil, R., Lao, C., Sole, M., Fuente, E., & Ruiz, B. (2017). Highly microporous activated carbons derived from biocollagenic wastes of the leather industry as adsorbents of aromatic organic pollutants in water. *Journal of Environmental Chemical Engineering*, 1–34. <https://doi.org/10.1016/j.jece.2017.04.018>

No disposa de FI de JCR

SJR de Scopus 2016: 0.844

Categoria temàtica i quartil:

Q1 2016 CHEMICAL ENGINEERING (MISCELLANEOUS)

Q1 2016 POLLUTION

Q1 2016 WASTE MANAGEMENT AND DISPOSAL

Llado, J., Sole, M., Lao, C., Fuente, E., & Ruiz, B. (2016). Removal of pharmaceutical industry pollutants by coal-based activated carbons. *Process Safety and Environmental Protection*, 104, 294–303. <https://doi.org/10.1016/j.psep.2016.09.009>

FI2016: 2.905

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Sole, M., Gamisans, X., Dorado, A. D., & Lao, C. (2016). Exploring arsenic adsorption at low concentration onto modified leonardite. *Water, Air and Soil Pollution*, 227(4, Article 128), 1–9. <https://doi.org/10.1007/s11270-016-2827-x>

FI2016: 1.702

Categoria temàtica i quartil:

Q2 WATER RESOURCES

Llado, J., Lao, C., Ruiz, B., Fuente, E., Sole, M., & Dorado, A. D. (2015). Role of activated carbon properties in atrazine and paracetamol adsorption equilibrium and kinetics. *Process Safety and Environmental Protection*, 95, 51–59. <https://doi.org/10.1016/j.psep.2015.02.013>

FI2015: 2.078

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENGINEERING, CHEMICAL

Dorado, A. D., Gamisans, X., Valderrama, C., Sole, M., & Lao, C. (2014). Cr(III) removal from aqueous solutions: A straightforward model approaching of the adsorption in a fixed-bed column. *Journal of Environmental Science and Health. Part A, Toxic/hazardous Substances & Environmental Engineering*, 49(2), 179–186. <https://doi.org/10.1080/10934529.2013.838855>

FI2014:1.164

Categoria temàtica i quartil:

Q3 ENGINEERING, ENVIRONMENTAL

Q3 ENVIRONMENTAL SCIENCES

Lao, C., Sole, M., Gamisans, X., Valderrama, C., & Dorado, A. D. (2014). Characterization of chromium (III) removal from aqueous solutions by an immature coal (leonardite). Toward a better understanding of the phenomena involved. *Clean Technologies and Environmental policy*, 1–10. <https://doi.org/10.1007/s10098-013-0610-x>

FI2014:1.934

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENVIRONMENTAL SCIENCES

Dorado, A. D., Solé, M., Lao, C., Alfonso, P., & Gamisans, X. (2012). Effect of pH and Fe(III) ions on chalcopyrite bioleaching by an adapted consortium from biogas sweetening. *Minerals Engineering*, 39, 36–38. <https://doi.org/10.1016/j.mineng.2012.06.009>

FI2012:1.207

Categoria temàtica i quartil:

Q1 MINING & MINERAL PROCESSING

MARTI GREGORIO VICENS

Ribas, D., Calderer, M., Marti, V., Johnsen, A. R., Aamand, J., Nilsson, B., ... Morici, C. (2017). Subsurface nitrate reduction under wetlands takes place in narrow superficial zones. *Environmental Technology*, 38(21), 2725–2732. <https://doi.org/10.1080/09593330.2016.1276220>

FI2016: 1.751

Categoria temàtica i quartil:

Q4 STATISTICS & PROBABILITY

Ribas, D., Cernik, M., Martí, V., & Benito, J. A. (2016). Improvements in nanoscale zero-valent iron production by milling through the addition of alumina. *Journal of Nanoparticle Research*, 18(7), 181. <https://doi.org/10.1007/s11051-016-3490-2>

FI2016: 2.020

Categoria temàtica i quartil:

Q2 CHEMISTRY, MULTIDISCIPLINARY

Q3 NANOSCIENCE & NANOTECHNOLOGY

Q2 MATERIALS SCIENCE, MULTIDISCIPLINARY

Ribas, D., Calderer, M., Martí, V., & Rovira, M. (2013). Effect of different seasonal conditions on the potential of wetland soils for groundwater denitrification. *Desalination and Water Treatment*, 1–7. <https://doi.org/10.1080/19443994.2013.871344>

FI2013: 0.987

Categoria temàtica i quartil:

Q3 ENGINEERING, CHEMICAL

Q3 WATER RESOURCES

Ribera, G., Clarens, F., Martínez-Lladó, X., Jubany, I., V.Martí, & Rovira, M. (2014). Life cycle and human health risk assessments as tools for decision making in the design and implementation of nanofiltration in drinking water treatment plants. *Science of the Total Environment*, 466–467. <https://doi.org/10.1016/j.scitotenv.2013.06.085>

FI2014: 4.099

Categoria temàtica i quartil:

Q1 ENVIRONMENTAL SCIENCES

OLIVA MONCUNILL JOSEP

Guasch, E., Anticoi, H., Hamid, S., Oliva, J., Alfonso, P., Escobet, T., ...Bascompta, M. (2017). New approach to ball mill modelling as a piston flow process. *Minerals Engineering*. <https://doi.org/10.1016/j.mineng.2017.04.002>

FI2016:2.286

Categoria temàtica i quartil:

Q1 MINING AND MINERAL PROCESSING

Alfonso, P., Oliva, J., García-Valles, M., Tomasa, O., Calvo, D., Guasch, E., ...Parcerisa, D. (2016). Mineralogical characterisation of tantalum ores for the optimization of their processing. *International Journal of Mining, Materials, and Metallurgical Engineering (IJMMME)*, 2, 20–24. Retrieved from <http://hdl.handle.net/2117/91209>

No disposa de Fide JCR

No disposa de SJR de Scopus

Categoria temàtica i quartil: -

Bascompta, M., Castañón, A., Sanmiquel, L., & Oliva, J. (2016). A GIS-based approach: Influence of the ventilation layout to the environmental conditions in an underground mine. *Journal of Environmental Management*, 182, 525–530.
<https://doi.org/10.1016/j.jenvman.2016.08.013>

FI2016:4.01

Categoria temàtica i quartil:

Q1 ENVIRONMENTAL SCIENCES

Bascompta, M., Castañón, A., Sanmiquel, L., & Oliva, J. (2016). Heat flow assessment in an underground mine: an approach to improve the environmental conditions. *Dyna (Medellín)*, 83(197), 174–179. <https://doi.org/10.15446/dyna.v83n197.52182>

No disposa de Fide JCR (FI 2013: 0.217)

SJR de Scopus 2016: 0.250

Categoria temàtica i quartil:

Q2 ENGINEERING (MISCELLANEOUS)

Bascompta, M., Sanmiquel, L., & Oliva, J. (2015). Ventilation management system for underground environments. *Tunnelling and Underground Space Technology*, 50, 516–522. <https://doi.org/10.1016/j.tust.2015.09.001>

FI2015:1.741

Categoria temàtica i quartil:

Q1 CONSTRUCTION & BUILDING TECHNOLOGY

Bascompta, M., Sanmiquel, L., & Oliva, J. (2014). Determination of the friction factors in potash mines. *Journal of Mining Science*, 50(5), 953–958.
<https://doi.org/10.1134/S1062739114050159>

FI2014:0.239

Categoria temàtica i quartil:

Q4 MINING AND MINERAL PROCESSING

Oliva, J., Cama, J., Ayora, C., Cortina, J., & De Pablo, J. (2012). Biogenic hydroxyapatite (Apatite II TM) dissolution kinetics and metal removal from acid mine drainage. *Journal of Hazardous Materials*, 213–214, 7–18.
<https://doi.org/10.1016/j.jhazmat.2012.01.027>

FI2012:3.925

Categoria temàtica i quartil:

Q1 ENGINEERING, CIVIL

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENVIRONMENTAL SCIENCES

PALÀ SCHÖNWÄLDER, PERE

López-Riera, A., Aguila, F., Palà-Schönwälder, P., Bonet-Dalmau, J., Giralt, M., & Moncunill, F. X. (2017). Joint symbol and chip synchronization for a burst-mode-communication superregenerative MSK receiver. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 64(5), 1260–1269. <https://doi.org/10.1109/TCSI.2016.2636022>

FI2016: 2.407

Categoria temàtica i quartil:

Q2 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., López-Riera, A., Moncunill, F. X., Aguila, F., & Giralt, M. (2015). Superregenerative reception of narrowband FSK modulations. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 62(3), 791–798. <https://doi.org/10.1109/TCSI.2014.2382192>

FI2015: 2.393

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., Moncunill, F. X., Aguila, F., & Giralt, M. (2014). A superregenerative QPSK receiver. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 61(1), 258–265. <https://doi.org/10.1109/TCSI.2013.2268313>

FI2014: 2.403

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Palà-Schönwälder, P., Bonet-Dalmau, J., Moncunill, F. X., Aguila, F., & Giralt, M. (2013). A low in-band radiation superregenerative oscillator. *IEEE Transactions on Circuits and Systems II: Express Briefs*, 60(6), 307–310. <https://doi.org/10.1109/TCSII.2013.2258254>

FI2013: 1.187

Categoria temàtica i quartil:

Q3 ENGINEERING, ELECTRICAL & ELECTRONIC

Bonet-Dalmau, J., Moncunill, F. X., Palà-Schönwälder, P., Aguila, F., & Giralt, M. (2012). Frequency domain analysis of superregenerative receivers in the linear and the logarithmic modes. *IEEE Transactions on Circuits and Systems I: Regular Papers*, 59(5), 1–11. <https://doi.org/10.1109/TCSI.2012.2185296>

FI2012: 2.240

Categoria temàtica i quartil:

Q1 ENGINEERING, ELECTRICAL & ELECTRONIC

Moncunill, F. X., Bonet-Dalmau, J., Palà-Schönwälder, P., Aguila, F., & Giralt, M. (2012). A high-resolution UWB IR superregenerative receiver front end with an SRD quench

shaper. *IEEE Transactions on Circuits and Systems II: Express Briefs*, 59(2), 93–97.
<https://doi.org/10.1109/TCSII.2012.2184373>

FI2012: 1.327

Categoria temàtica i quartil:

Q2 ENGINEERING, ELECTRICAL & ELECTRONIC

PARCERISA DUOCASTELLA DAVID

Fàbrega, C., Parcerisa, D., Rossell, J. M., Gurenko, A., & Franke, C. (2017). Predicting instrumental mass fractionation (IMF) of stable isotope SIMS analyses by response surface methodology (RSM). *J. Anal. At. Spectrom.*, 32(4), 731–748.
<https://doi.org/10.1039/C6JA00397D>

FI2016: 3.379

Categoria temàtica i quartil:

Q1 CHEMISTRY, ANALYTICAL

Q1 SPECTROSCOPY

Parcerisa, D. (2017). Les extincions geològiques des de la cadira de l'avi Manel. *Sirius*, 61, 4–6. Retrieved from https://issuu.com/escolaespill/docs/sirius-61_original

No disposa de Fide JCR

No disposa de SJR de Scopus

Categoria temàtica i quartil: -

Alfonso, P., Oliva, J., García-Valles, M., Tomasa, O., Calvo, D., Guasch, E., ... Parcerisa, D. (2016). Mineralogical characterisation of tantalum ores for the optimization of their processing. *International Journal of Mining, Materials, and Metallurgical Engineering (IJMMME)*, 2, 20–24. Retrieved from <http://hdl.handle.net/2117/91209>

No disposa de Fide JCR

No disposa de SJR de Scopus

Categoria temàtica i quartil: -

García-Vallès, M., Alfonso, P., Arancibia, J. R. H., Martínez, S., & Parcerisa, D. (2016). Mineralogical and thermal characterization of borate minerals from Rio Grande deposit, Uyuni (Bolivia). *Journal of Thermal Analysis and Calorimetry*, 125, 673–679.
<https://doi.org/10.1007/s10973-015-5161-4>

FI2016: 1.953

Categoria temàtica i quartil:

Q2 THERMODYNAMICS

Dolin, L., Biosca-Munts, J., & Parcerisa, D. (2013). *Oliatrivia riberai* n. gen., n. sp. (Mollusca, Caenogastropoda), une Ovulidae singulière du Bartonien (Éocène moyen) de Catalogne (Espagne). *Geodiversitas*, 35(4), 777–785. <https://doi.org/10.5252/g2013n4a3>

FI2013: 0.825

Categoria temàtica i quartil:

Q3 PALEONTOLOGY

Arancibia, J. R. H., Alfonso, P., García-Valles, M., Martínez, S., Parcerisa, D., Canet, C., & Romero, F. M. (2013). Obtención de vidrio a partir de residuos de la minería del estaño en Bolivia. *Boletín de La Sociedad Española de Cerámica Y Vidrio*, 52(3), 143–150. <https://doi.org/10.3989/cyv.192013>

FI2013: 0.343

Categoria temàtica i quartil:

Q4 MATERIALS SCIENCE, CERAMICS

Parcerisa, D., Alfonso, P., Cobo, A., & Fernández, D. (2012). Las areniscas de Manresa y su valor como patrimonio geológico y arquitectónico. *Geotemas*, 12, 105–108. Retrieved from <http://hdl.handle.net/2117/22434>

No disposa de Fide JCR

No disposa de SJR de Scopus

Categoria temàtica i quartil: -

Alfonso, P., Parcerisa, D., Grané, M., & Novoa, G. (2012). El alabastro de Fuentes de Jiloca: patrimonio geológico e histórico. *Geotemas*, 12, 19–22. Retrieved from <http://hdl.handle.net/2117/22433>

No disposa de Fide JCR

No disposa de SJR de Scopus

Categoria temàtica i quartil: -

SANMIQUEL PERA LLUIS

Guasch, E., Anticoi, H., Hamid, S., Oliva, J., Alfonso, P., Escobet, T., ... Bascompta, M. (2017). New approach to ball mill modelling as a piston flow process. *Minerals Engineering*. <https://doi.org/10.1016/j.mineng.2017.04.002>

FI2016:2.286

Categoria temàtica i quartil:

Q1 MINING AND MINERAL PROCESSING

Bascompta, M., Castañón, A., Sanmiquel, L., & Oliva, J. (2016). A GIS-based approach: Influence of the ventilation layout to the environmental conditions in an underground mine. *Journal of Environmental Management*, 182, 525–530. <https://doi.org/10.1016/j.jenvman.2016.08.013>

FI2016:4.01

Categoria temàtica i quartil:

Q1 ENVIRONMENTAL SCIENCES

Bascompta, M., Castañón, A., Sanmiquel, L., & Oliva, J. (2016). Heat flow assessment in an underground mine: an approach to improve the environmental conditions. *Dyna (Medellín)*, 83(197), 174–179. <https://doi.org/10.15446/dyna.v83n197.52182>

No disposa de Fide JCR

SJR de Scopus 2016: 0.250

Categoria temàtica i quartil:

Q2 ENGINEERING (MISCELLANEOUS)

Fragnelli, V., Freixas, J., Pons, M., & Sanmiquel, L. (2016). Measuring the relevance of factors in the occurrences of events. *Central European Journal of Operations Research*, 24(3), 535–561. <https://doi.org/10.1007/s10100-014-0352-9>

FI2016: 0.659

Categoria temàtica i quartil:

Q4 OPERATIONS RESEARCH & MANAGEMENT SCIENCE

Sanmiquel, L., Rossell, J. M., & Vintro, C. (2015). Study of Spanish mining accidents using data mining techniques. *Safety Science*, 75, 49–55. <https://doi.org/10.1016/j.ssci.2015.01.016>

FI2015: 2.157

Categoria temàtica i quartil:

Q1 ENGINEERING, INDUSTRIAL

Q1 OPERATIONS RESEARCH & MANAGEMENT SCIENCE

Zhang, H., Sanmiquel, L., Zhao, Y., & Vintro, C. (2015). Researches and applications on geostatistical simulation and laboratory modeling of mine ventilation network and gas drainage zone. *Process Safety and Environmental Protection*, 94, 55–64. <https://doi.org/10.1016/j.psep.2014.10.003>

FI2015: 2.078

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENGINEERING, CHEMICAL

Bascompta, M., Sanmiquel, L., & Oliva, J. (2015). Ventilation management system for underground environments. *Tunnelling and Underground Space Technology*, 50, 516–522. <https://doi.org/10.1016/j.tust.2015.09.001>

FI2015:1.741

Categoria temàtica i quartil:

Q1 CONSTRUCTION & BUILDING TECHNOLOGY

Bascompta, M., Sanmiquel, L., & Oliva, J. (2014). Determination of the friction factors in potash mines. *Journal of Mining Science*, 50(5), 953–958.
<https://doi.org/10.1134/S1062739114050159>

FI2014:0.239

Categoria temàtica i quartil:

Q4 MINING & MINERAL PROCESSING

Sanmiquel, L., Rossell, J. M., Vintro, C., & Freijo, M. (2014). Influence of occupational safety management on the incidence rate of occupational accidents in the Spanish industrial and ornamental stone mining. *Work-A Journal of Prevention, Assessment and Rehabilitation*, 49(2), 307–314. <https://doi.org/10.3233/WOR-141854>

FI2014: 0.320

Categoria temàtica i quartil:

Q4 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH [SSCI]

Vintro, C., Sanmiquel, L., & Freijo, M. (2014). Environmental sustainability in the mining sector: evidence from Catalan companies. *Journal of Cleaner Production*, 84, 155–163.
<https://doi.org/10.1016/j.jclepro.2013.12.069>

FI2014: 3.844

Categoria temàtica i quartil:

Q1 ENGINEERING, ENVIRONMENTAL

Q1 ENVIRONMENTAL SCIENCES

Zhang, H., Sanmiquel, L., Vintro, C., & Yaojiang, Z. (2014). Applied research of u-shape ventilation network in underground mine. *Badania stoswane sicie wentylacyjnej w kszaltacie,, u’’ w kopalni podziemnej. Archives of Mining Sciences*, 59(2), 381–394.
Retrieved from <http://hdl.handle.net/2117/23993>

No disposa de FI2014de JCR

FI 2013: 0.608

FI 2015: 0.448

SJR de Scopus 2014: 0.290

Categoria temàtica i quartil:

JCR 2013 Q3 MINING & MINERAL PROCESSING

JCR 2015 Q4 MINING & MINERAL PROCESSING

SJR 2014 Q3 GEOTECHNICAL ENGINEERING AND ENGINEERING GEOLOGY

de Felipe, J. J., Freijo, M., Alfonso, P., Sanmiquel, L., & Vintro, C. (2014). Occupational injuries in the mining sector (2000-2010). Comparison with the construction sector. *Dyna (Medellín)*, 81(186), 153–158. Retrieved from <http://hdl.handle.net/2117/23983>

No disposa de FIde JCR (FI 2013: 0.217)

SJR de Scopus 2014: 0.226

Categoria temàtica i quartil:

JCR 2013 Q4 ENGINEERING, MULTIDISCIPLINARY

SJR 2014 Q2 ENGINEERING (MISCELLANEOUS)

Sanmiquel, L., Vintro, C., & Freijo, M. (2012). Characteristics of the 3 most common types of occupational accident in Spanish sub-surface and surface mining, from 2003–2008. *Dyna (Medellín)*, 79(172), 118–125. Retrieved from <http://hdl.handle.net/2117/102757>

FI2012: 0.175

Categoria temàtica i quartil:

Q4 ENGINEERING, MULTIDISCIPLINARY

Vintro, C., Fortuny-Santos, J., Sanmiquel, L., Freijo, M., & Edo, J. (2012). Is corporate social responsibility possible in the mining sector? Evidence from catalan companies. *Resources Policy*, 39(1), 118–125. <https://doi.org/10.1016/j.resourpol.2011.10.003>

FI2012: 0.971

Categoria temàtica i quartil:

Q3 ENVIRONMENTAL STUDIES

Sanmiquel, L., Freijo, M., & Rossell, J. M. (2012). Exploratory analysis of Spanish energetic mining accidents. *International Journal of Occupational Safety and Ergonomics*, 18(2), 209–219. <https://doi.org/10.1080/10803548.2012.11076929>

FI2012: 0.494

Categoria temàtica i quartil:

Q4 ERGONOMICS

Q4 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH

SOLÉ SARDANS MONTSERRAT

Llado, J., Gil, R., Lao, C., Sole, M., Fuente, E., & Ruiz, B. (2017). Highly microporous activated carbons derived from biocollagenic wastes of the leather industry as adsorbents of aromatic organic pollutants in water. *Journal of Environmental Chemical Engineering*, 1–34. <https://doi.org/10.1016/j.jece.2017.04.018>

SJR 2016: 0.844

Categoria temàtica i quartil:

Q1 2016 Chemical Engineering (miscellaneous)

Q1 2016 Pollution

Q1 2016 Waste Management and Disposal

Llado, J., Sole, M., Lao, C., Fuente, E., & Ruiz, B. (2016). Removal of pharmaceutical industry pollutants by coal-based activated carbons. *Process Safety and Environmental Protection*, 104, 294–303. <https://doi.org/10.1016/j.psep.2016.09.009>

FI2016: 2.905

Categoria temàtica i quartil:

Q1 ENGINEERING, CHEMICAL

Sole, M., Gamisans, X., Dorado, A. D., & Lao, C. (2016). Exploring arsenic adsorption at low concentration onto modified leonardite. *Water, Air and Soil Pollution*, 227(4, Article 128), 1–9. <https://doi.org/10.1007/s11270-016-2827-x>

FI2016: 1.702

Categoria temàtica i quartil:

Q2 WATER RESOURCES

Llado, J., Lao, C., Ruiz, B., Fuente, E., Sole, M., & Dorado, A. D. (2015). Role of activated carbon properties in atrazine and paracetamol adsorption equilibrium and kinetics. *Process Safety and Environmental Protection*, 95, 51–59. <https://doi.org/10.1016/j.psep.2015.02.013>

FI2015: 2.078

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENGINEERING, CHEMICAL

Dorado, A. D., Gamisans, X., Valderrama, C., Sole, M., & Lao, C. (2014). Cr(III) removal from aqueous solutions: A straightforward model approaching of the adsorption in a fixed-bed column. *Journal of Environmental Science and Health. Part A, Toxic/hazardous Substances & Environmental Engineering*, 49(2), 179–186. <https://doi.org/10.1080/10934529.2013.838855>

FI2014:1.164

Categoria temàtica i quartil:

Q3 ENGINEERING, ENVIRONMENTAL

Q3 ENVIRONMENTAL SCIENCES

Lao, C., Sole, M., Gamisans, X., Valderrama, C., & Dorado, A. D. (2014). Characterization of chromium (III) removal from aqueous solutions by an immature coal (leonardite). Toward a better understanding of the phenomena involved. *Clean Technologies and Environmental Policy*, 1–10. <https://doi.org/10.1007/s10098-013-0610-x>

FI2014:1.934

Categoria temàtica i quartil:

Q2 ENGINEERING, ENVIRONMENTAL

Q2 ENVIRONMENTAL SCIENCES

Dorado, A. D., Solé, M., Lao, C., Alfonso, P., & Gamisans, X. (2012). Effect of pH and Fe(III) ions on chalcopyrite bioleaching by an adapted consortium from biogas sweetening. *Minerals Engineering*, 39, 36–38. <https://doi.org/10.1016/j.mineng.2012.06.009>

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Categoria temàtica i quartil:

Q1 MINING & MINERAL PROCESSING