

Acidic dissolution of hematite : kinetic and thermodynamic investigations with oxalic acid

Salmimies, Riina; Mannila, Marju; **Kallas, Juha**; Häkkinen, Antti International journal of mineral processing 2012 / p. 121-125 : ill

Acidic dissolution of magnetite: experimental study on the effects of acid concentration and temperature

Salmimies, Riina; Mannila, M.; **Kallas, Juha**; Häkkinen, Antti Clays and clay minerals 2011 / p. 136-146 : ill

Characterization of filter media used in the dewatering of iron ore

Salmimies, Riina; Häkkinen, Antti; **Kallas, Juha**; Ekberg, Bjarne; Andreassen, Jens-Petter; Beck, Ralf NoFS-13 : proceedings of the 13th Nordic Filtration Symposium: June 10-11, 2010, Lappeenranta, Finland 2010 / p. 173-178 : ill

Comparison of regeneration methods for ceramic filter media

Puranen, J.; Ekberg, Bjarne; Häkkinen, Antti; **Kallas, Juha** Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14-18. 1 2008 / p. I-165 - I-169

https://www.researchgate.net/publication/287656959_Comparison_of_regeneration_methods_for_ceramic_filter_media

Development of testing procedure for ceramic disc filters

Savolainen, Mikko; Huhtanen, Mikko; Häkkinen, Antti; Ekberg, Bjarne; Hindström, R.; **Kallas, Juha** Minerals engineering 2011 / p. 876-885 : ill

Development of testing procedure for ceramic disc filters [Electronic resource]

Savolainen, Mikko; Häkkinen, Antti; Ekberg, Bjarne; **Kallas, Juha** Physical Separation 09 : Falmouth, Cornwall, UK, June 16-17, 2009 2009 / ? p. [CD-ROM] <https://www.sciencedirect.com/science/article/abs/pii/S0892687511001129>

Dissolution of magnetite particles in acidic conditions

Salmimies, Riina; Häkkinen, Antti; Ekberg, Bjarne; **Kallas, Juha** FILTECH 2009, Wiesbaden, October 13-15, 2009 2009 / ? p

Experimental study of the influence of process variables on the performance of a horizontal belt filter

Huhtanen, Mikko; Häkkinen, Antti; Ekberg, Bjarne; **Kallas, Juha** Filtration 2011 / p. 120-125

https://www.researchgate.net/publication/289851256_Experimental_study_of_the_influence_of_process_variables_on_the_performance_of_a_horizontal_belt_filter

Experimental study on the influence of process variable on the performance of a horizontal belt filter

Häkkinen, Antti; Huhtanen, Mikko; Ekberg, Bjarne; **Kallas, Juha** FILTECH 2009, Wiesbaden, October 13-15, 2009 2009 / ? p

https://www.researchgate.net/publication/289851256_Experimental_study_of_the_influence_of_process_variables_on_the_performance_of_a_horizontal_belt_filter

Fouling of filter media : solubility of oxalate solutions

Salmimies, Riina; Louhi-Kultanen, Marjatta; Ekberg, Bjarne; Häkkinen, Antti; **Kallas, Juha**; Huhtanen, Mikko Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14-18. 1 2008 / p. I-81 - I-85

LabTop - software for experimental design, modelling and visualisation

Huhtanen, Mikko; Häkkinen, Antti; Ekberg, Bjarne; **Kallas, Juha** NoFS-13 : proceedings of the 13th Nordic Filtration Symposium: June 10-11, 2010, Lappeenranta, Finland 2010 / p. 148-153 : ill

Magnetite particle dissolution in acidic conditions

Salmimies, Riina; **Kallas, Juha**; Häkkinen, Antti 12th European Symposium on Comminution and Classification (ESCC 2009) : Espoo, Finland, September 15-18, 2009 2009 / ? p

Optimization of the performance of a filter press by statistical design of experiments and empirical modelling

Häkkinen, Antti; Huhtanen, Mikko; Ekberg, Bjarne; **Kallas, Juha** American Filtration and Separation Society : Valley Forge, USA, May 20-22, 2008 2008 / ? p <https://research.lut.fi/converis/portal/detail/Publication/767038>

Ozonation of lignin aqueous solutions

Kamenev, Inna; Velts, Olga; Viioja, Andres; Häkkinen, Antti; **Kallas, Juha** Executive summaries : 5th International Conference. 10th IOA-EA3G Berlin Conference on Oxidation Technologies for Water and Wastewater Treatment : Berlin, Germany, March 30 - April 2, 2009 2009 / p. 39-40/PC223(1-8)

Ozonation of p-nitrophenol at different pH values of water and the influence of radicals at acidic conditions

Kuosa, Markku; **Kallas, Juha**; Häkkinen, Antti Journal of environmental chemical engineering 2015 / p. 325-332 : ill
<http://dx.doi.org/10.1016/j.jece.2014.10.015>

Oxalic acid regeneration of ceramic filter medium used in the dewatering of iron ore : research article

Salmimies, Riina; **Kallas, Juha**; Ekberg, Bjarne; Häkkinen, Antti International scholarly research network (ISRN) : chemical engineering 2012 / Article ID 921873 [6] p. : ill <https://onlinelibrary.wiley.com/doi/10.5402/2012/921873>

Regeneration of ceramic filter media used in dewatering of iron ore

Salmimies, Riina; **Kallas, Juha**; Ekberg, Bjarne; Häkkinen, Antti Proceedings of the 14th Nordic Filtration Symposium : Aalborg, Denmark, 30-31 August 2012 2012

Scale growth in the dewatering of iron ore

Salmimies, Riina; **Kallas, Juha**; Ekberg, Bjarne; Häkkinen, Antti International journal of mining engineering and mineral processing 2012 / p. 69-72 : ill <http://article.sapub.org/10.5923.j.mining.20120102.08.html>

Software for improving the efficiency of test filtration tasks

Häkkinen, Antti; Huhtanen, Mikko; Ekberg, Bjarne; **Kallas, Juha** 22nd Annual American Filtration & Separations Society Conference : Bloomington, MN, May 4-7, 2009 2009 / ? p

Study on parameters affecting belt filtration of a metal precipitate suspension

Hirvisaari, S.; Ekberg, Bjarne; Rautanen, A.; Storbacka, S.; Häkkinen, Antti; **Kallas, Juha** Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14-18. 1 2008 / p. I-625 - I-629

The solubility of two magnetite powders in oxalic acid : applicability of empirical modelling

Salmimies, Riina; Huhtanen, Mikko; **Kallas, Juha**; Häkkinen, Antti Journal of powder technology 2013 / p. 1-7 : ill

The transcription factor network of E. coli steers global responses to shifts in RNAP concentration

Almeida, Bilena L.B.; Bahrudeen, Mohamed N. M.; Chauhan, Vatsala; Dash, Suchintak; Kandavalli, Vinodh; Häkkinen, Antti; Lloyd-Price, Jason; Cristina, Palma S. D.; Baptista, Ines S. C.; **Smolander, Olli-Pekka** Nucleic acids research 2022 / p. 6801-6819
<https://doi.org/10.1093/nar/gkac540> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Utilization of statistical design of experiment for improving the efficiency of test filtration tasks

Häkkinen, Antti; Huhtanen, Mikko; Ekberg, Bjarne; **Kallas, Juha** Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14-18. 1 2008 / p. I-180 - I-184