Ruben Miranda

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4155608/publications.pdf

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34	761	535685 17	620720 26
papers	citations	h-index	g-index

34	34	34	761
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Treatment of mature landfill leachate by electrocoagulation followed by Fenton or UVA-LED photo-Fenton processes. Journal of the Taiwan Institute of Chemical Engineers, 2021, 119, 33-44.	2.7	24
2	Silica Removal from a Paper Mill Effluent by Adsorption on Pseudoboehmite and Î³-Al2O3. Water (Switzerland), 2021, 13, 2031.	1.2	4
3	Analysis of the journal impact factor and related bibliometric indicators in education and educational research category. Education for Information, 2021, 37, 315-336.	0.2	8
4	Teaching chemical engineering using Jupyter notebook: Problem generators and lecturing tools. Education for Chemical Engineers, 2021, 37, 1-10.	2.8	11
5	Assessing an Integral Treatment for Landfill Leachate Reverse Osmosis Concentrate. Catalysts, 2020, 10, 1389.	1.6	13
6	Understanding the Efficiency of Aluminum Coagulants Used in Dissolved Air Flotation (DAF). Frontiers in Chemistry, 2020, 8, 27.	1.8	13
7	INVITED ARTICLE: Building Journal Impact Factor Quartile into the Assessment of Academic Performance: A Case Study. Participatory Educational Research, 2020, 7, 1-13.	0.4	16
8	Comparison of the share of documents and citations from different quartile journals in 25 research areas. Scientometrics, 2019, 121, 479-501.	1.6	38
9	Effect of sepiolite addition on fibre-cement based on MgO-SiOâ„ systems. Cement and Concrete Research, 2019, 124, 105816.	4.6	4
10	Treatment of a Mature Landfill Leachate: Comparison between Homogeneous and Heterogeneous Photo-Fenton with Different Pretreatments. Water (Switzerland), 2019, 11, 1849.	1.2	52
11	A virtual lab as a complement to traditional hands-on labs: Characterization of an alkaline electrolyzer for hydrogen production. Education for Chemical Engineers, 2018, 23, 7-17.	2.8	17
12	Overcitation and overrepresentation of review papers in the most cited papers. Journal of Informetrics, 2018, 12, 1015-1030.	1.4	68
13	Direct production of cellulose nanocrystals from old newspapers and recycled newsprint. Carbohydrate Polymers, 2017, 173, 489-496.	5.1	44
14	Efficiency of Chitosan and their Combination with Bentonite as Retention Aids in Papermaking. BioResources, 2016, 11, .	0.5	8
15	Efficiency of polyaluminum nitrate sulfateâ€“polyamine hybrid coagulants for silica removal. Desalination and Water Treatment, 2016, 57, 17973-17984.	1.0	8
16	Optimization of silica removal with magnesium chloride in papermaking effluents: mechanistic and kinetic studies. Environmental Science and Pollution Research, 2016, 23, 3707-3717.	2.7	20
17	Paper recycling framework, the â€œWheel of Fiberâ€• Journal of Environmental Management, 2016, 174, 35-44.	3.8	13
18	A global, comprehensive review of literature related to paper recycling: A pressing need for a uniform system of terms and definitions. Waste Management, 2016, 48, 64-71.	3.7	30

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19	Enhanced Silica Removal by Polyamineâ€•and Polyacrylamideâ€Polyaluminum Hybrid Coagulants. Chemical Engineering and Technology, 2015, 38, 2045-2053.	0.9	14
20	Silica removal with sparingly soluble magnesium compounds. Part II. Separation and Purification Technology, 2015, 149, 331-338.	3.9	17
21	Silica removal with sparingly soluble magnesium compounds. Part I. Separation and Purification Technology, 2014, 138, 210-218.	3.9	23
22	Silica removal in industrial effluents with high silica content and low hardness. Environmental Science and Pollution Research, 2014, 21, 9832-9842.	2.7	30
23	Efficiency of chitosans for the treatment of papermaking process water by dissolved air flotation. Chemical Engineering Journal, 2013, 231, 304-313.	6.6	42
24	Silica removal from newsprint mill effluents with aluminum salts. Chemical Engineering Journal, 2013, 230, 522-531.	6.6	40
25	Analysis of the quality of the recovered paper from commingled collection systems. Resources, Conservation and Recycling, 2013, 72, 60-66.	5.3	33
26	Extending the limits of paper recycling - improvements along the paper value chain. Forest Systems, 2013, 22, 471.	0.1	20
27	Flocculation Efficiency of Chitosan for Papermaking Applications. BioResources, 2012, 8, .	0.5	9
28	Impact of increased collection rates and the use of commingled collection systems on the quality of recovered paper. Part 1: Increased collection rates. Waste Management, 2011, 31, 2208-2216.	3.7	15
29	Time Variations of Macrostickies and Extractable Stickies Concentrations in Deinking. Industrial & Engineering Chemistry Research, 2010, 49, 4933-4939.	1.8	3
30	Accumulation of dissolved and colloidal material in papermakingâ€"Application to simulation. Chemical Engineering Journal, 2009, 148, 385-393.	6.6	38
31	Internal Treatment of Process Waters in Paper Production by Dissolved Air Flotation with Newly Developed Chemicals. 1. Laboratory Tests. Industrial & Engineering Chemistry Research, 2009, 48, 2199-2205.	1.8	20
32	Internal Treatment of Process Waters in Paper Production by Dissolved Air Flotation with Newly Developed Chemicals. 2. Field Trials. Industrial & Engineering Chemistry Research, 2009, 48, 3672-3677.	1.8	14
33	Separation of Contaminants from Deinking Process Water by Dissolved Air Flotation: Effect of Flocculant Charge Density. Separation Science and Technology, 2008, 43, 3732-3754.	1.3	20
34	Identification of Recalcitrant Stickies and Their Sources in Newsprint Production. Industrial & Engineering Chemistry Research, 2008, 47, 6239-6250.	1.8	32