

Mohammed A Doheim

List of Publications by Year in descending order

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papers

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27
all docs

27
docs citations

27
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	On the application of mixture model for two-phase flow induced corrosion in a complex pipeline configuration. Applied Mathematical Modelling, 2012, 36, 5686-5699.	4.2	26
2	Investigation of the Ring Area Formed Around Cavitation Erosion Pits on the Surface of Carbon Steel. Tribology Letters, 2012, 45, 437-444.	2.6	25
3	Numerical simulation of particulate-flow in spiral separators: Part I. Low solids concentration (0.3%) Tj ETQq1 1 0.784314 rgBT/Overlaid	4.2	25
4	Effect of temperature on incipient fluidization and study of bed expansion. Powder Technology, 1978, 21, 289-293.	4.2	14
5	Analysis of waste heat and its recovery in a cement factory. Heat Recovery Systems & CHP, 1987, 7, 441-444.	0.3	13
6	Fluidized bed roasting of molybdenite-effect of operating variables. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science, 1976, 7, 477-483.	0.4	11
7	Investigation and modelling of sedimentation of mixed particles. Powder Technology, 1997, 91, 43-47.	4.2	10
8	Fluidized-bed thermal treatment of phosphate rock: Effect of operating variables. International Journal of Mineral Processing, 1978, 5, 183-197.	2.6	8
9	Contact time distribution in fluidized-bed reactors part I: Measurements at room and higher temperatures. The Chemical Engineering Journal, 1980, 19, 39-45.	0.3	7
10	Contact time distribution in fluidized-bed reactors part II: Application of mathematical models and parameter estimation. The Chemical Engineering Journal, 1980, 19, 47-56.	0.3	5
11	Energy analysis and waste heat recovery in a refinery. Energy, 1986, 11, 691-696.	8.8	5
12	STUDIES OF CRYSTALLITE SIZE AND LATTICE STRAIN IN AL-AL ₂ O ₃ POWDERS PRODUCED BY HIGH-ENERGY MECHANICAL MILLING. JES Journal of Engineering Sciences, 2014, 42, 1430-1439.	0.1	5
13	Fluidization in the non-ferrous mineral processing and metal industry. International Journal of Mineral Processing, 1976, 3, 313-341.	2.6	4
14	Examination of single and repetitive impact breakage. Minerals Engineering, 1994, 7, 479-490.	4.3	4
15	EFFECT OF HEAT TREATMENT AND BATH COMPOSITION OF ELECTROLESS NICKEL-PLATING ON CAVITATION EROSION RESISTANCE. JES Journal of Engineering Sciences, 2013, 41, 1989-2011.	0.1	4
16	PRODUCTION OF ALUMINIUM FOAM AND THE EFFECT OF CALCIUM CARBONATE AS A FOAMING AGENT. JES Journal of Engineering Sciences, 2011, 39, 441-451.	0.1	4
17	Rapid estimation of corrected cut point in hydrocyclone classification units. International Journal of Mineral Processing, 1985, 14, 149-159.	2.6	3
18	Effect of fluidised bed parameters on quenching of steel sections. Materials Science and Technology, 1988, 4, 371-376.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Chlorination of High-titania Slag in Fluidized Beds. Transactions of the Japan Institute of Metals, 1973, 14, 483-488.	0.5	2
20	A SOLVENT-EXTRACTION STUDY OF THE THERMODYNAMICS OF ANILINE AND ITS NITRATE. Canadian Journal of Chemistry, 1966, 44, 521-525.	1.1	1
21	Modelling of hydrocyclones at high feed-solids concentrations. The Chemical Engineering Journal, 1987, 34, 81-88.	0.3	0
22	AN EXPERIMENTAL STUDY OF THE TREATMENT OF ALUMINUM-CELL GASES FOR POLLUTION CONTROL USING FLUIDIZED-BED TECHNOLOGY. Materials and Manufacturing Processes, 2001, 16, 655-671.	4.7	0
23	DEVELOPMENT OF Al-Ti-C GRAIN REFINING MASTER ALLOY USING Ti-BEARING SALTS. JES Journal of Engineering Sciences, 2008, 36, 471-481.	0.1	0
24	INVESTIGATION OF THE CORROSION PROBLEM IN THE PIPELINE OF ENRICHED ALUMINA RECYCLE TO ALUMINIUM CELL. JES Journal of Engineering Sciences, 2008, 36, 963-975.	0.1	0
25	CHARACTERIZATION OF AL ³⁺ AL ₂ O ₃ NANOCOMPOSITE POWDERS SYNTHESIZED BY HIGH-ENERGY BALL MILLING. JES Journal of Engineering Sciences, 2012, 40, 1475-1486.	0.1	0
26	EXAMINATION OF CAVITATION EROSION PARTICLES MORPHOLOGY IN CORROSIVE WATERS. JES Journal of Engineering Sciences, 2012, 40, 1793-1814.	0.1	0
27	GRAIN REFINEMENT OF COMMERCIAL PURE ALUMINIUM BY ZIRCONIUM. JES Journal of Engineering Sciences, 2014, 42, 1232-1241.	0.1	0