

Sebastiao S Alves

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

368
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas-liquid mass transfer to single bubbles: Effect of surface contamination. <i>AIChE Journal</i> , 2002, 48, 1145-1154.	3.6	104
2	Effect of n-dodecane on <i>Cryptocodium cohnii</i> fermentations and DHA production. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 408-416.	3.0	61
3	Adaptation of <i>Rhodococcus erythropolis</i> cells to high concentrations of toluene. <i>Applied Microbiology and Biotechnology</i> , 2007, 76, 1423-1430.	3.6	46
4	Mathematical modelling of industrial pilot-plant penicillin-G fed-batch fermentations. <i>Journal of Chemical Technology and Biotechnology</i> , 1994, 61, 123-138.	3.2	43
5	Mass transfer to clean bubbles at low turbulent energy dissipation. <i>Chemical Engineering Science</i> , 2006, 61, 1334-1337.	3.8	38
6	Effect of bubble contamination on gas-liquid mass transfer coefficient on CO ₂ absorption in amine solutions. <i>Chemical Engineering Journal</i> , 2008, 137, 422-427.	12.7	32
7	Effects of hydrocarbon additions on gas-liquid mass transfer coefficients in biphasic bioreactors. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 245-250.	2.6	15
8	Rise velocities and gas-liquid mass transfer of bubbles in organic solutions. <i>Chemical Engineering Science</i> , 2007, 62, 6747-6753.	3.8	13
9	EFFECT OF SPREADING COEFFICIENT ON GAS-LIQUID MASS TRANSFER IN GAS-LIQUID-LIQUID DISPERSIONS IN A STIRRED TANK. <i>Chemical Engineering Communications</i> , 2010, 197, 1515-1526.	2.6	8
10	GAS ABSORPTION IN STIRRED GAS-LIQUID-LIQUID SYSTEMS: EFFECT OF TRANSFERRED SOLUTE SOLUBILITY AND OIL PHASE SPREADING CHARACTERISTICS. <i>Chemical Engineering Communications</i> , 2013, 200, 1425-1442.	2.6	4
11	Computation of bubble mean diameters using probability distribution functions. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
12	Semi-Empirical Modeling of Gas-Liquid Mass Transfer in Gas-Liquid-Liquid Systems in Stirred Tanks. <i>Chemical Engineering Communications</i> , 2016, 203, 94-102.	2.6	1
13	Kinetic Modeling of Xylooligosaccharides Production by Acid Hydrolysis of an <i>Eucalyptus globulus</i> Pulp Extract. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 16911-16918.	3.7	1