

# Sebastiao S Alves

## List of Publications by Year in descending order

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13  
papers

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citations

1163117

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1199594

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docs citations

13  
times ranked

386  
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#	ARTICLE	IF	CITATIONS
1	Kinetic Modeling of Xylooligosaccharides Production by Acid Hydrolysis of an Eucalyptus globulus Pulp Extract. Industrial & Engineering Chemistry Research, 2021, 60, 16911-16918.	3.7	1
2	Computation of bubble mean diameters using probability distribution functions. AIP Conference Proceedings, 2017, , .	0.4	2
3	Semi-Empirical Modeling of Gas-Liquid Mass Transfer in Gas-Liquid-Liquid Systems in Stirred Tanks. Chemical Engineering Communications, 2016, 203, 94-102.	2.6	1
4	GAS ABSORPTION IN STIRRED GAS-LIQUID-LIQUID SYSTEMS: EFFECT OF TRANSFERRED SOLUTE SOLUBILITY AND OIL PHASE SPREADING CHARACTERISTICS. Chemical Engineering Communications, 2013, 200, 1425-1442.	2.6	4
5	EFFECT OF SPREADING COEFFICIENT ON GAS-LIQUID MASS TRANSFER IN GAS-LIQUID-LIQUID DISPERSIONS IN A STIRRED TANK. Chemical Engineering Communications, 2010, 197, 1515-1526.	2.6	8
6	Effect of bubble contamination on gas-liquid mass transfer coefficient on CO2 absorption in amine solutions. Chemical Engineering Journal, 2008, 137, 422-427.	12.7	32
7	Adaptation of Rhodococcus erythropolis cells to high concentrations of toluene. Applied Microbiology and Biotechnology, 2007, 76, 1423-1430.	3.6	46
8	Rise velocities and gas-liquid mass transfer of bubbles in organic solutions. Chemical Engineering Science, 2007, 62, 6747-6753.	3.8	13
9	Effect of n-dodecane on Cryptocodium cohnii fermentations and DHA production. Journal of Industrial Microbiology and Biotechnology, 2006, 33, 408-416.	3.0	61
10	Mass transfer to clean bubbles at low turbulent energy dissipation. Chemical Engineering Science, 2006, 61, 1334-1337.	3.8	38
11	Effects of hydrocarbon additions on gas-liquid mass transfer coefficients in biphasic bioreactors. Biotechnology and Bioprocess Engineering, 2006, 11, 245-250.	2.6	15
12	Gas-liquid mass transfer to single bubbles: Effect of surface contamination. AIChE Journal, 2002, 48, 1145-1154.	3.6	104
13	Mathematical modelling of industrial pilot-plant penicillin-G fed-batch fermentations. Journal of Chemical Technology and Biotechnology, 1994, 61, 123-138.	3.2	43