

Gustavo A Orozco

List of Publications by Year in descending order

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11
papers

245
citations

1307594

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1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-diffusion coefficients of amines, a molecular dynamics study. <i>Fluid Phase Equilibria</i> , 2022, 553, 113301.	2.5	8
2	Predictions of fluidities of amines by molecular simulations: TraPPE-EH vs. OPLS-AA. <i>Fluid Phase Equilibria</i> , 2018, 464, 40-46.	2.5	4
3	Physical Absorption of Green House Gases in Amines: The Influence of Functionality, Structure, and Cross-Interactions. <i>Journal of Physical Chemistry B</i> , 2016, 120, 13136-13143.	2.6	7
4	Atomistic molecular dynamics simulations of H ₂ O diffusivity in liquid and supercritical CO ₂ . <i>Molecular Physics</i> , 2015, 113, 2805-2814.	1.7	38
5	Equilibrium and Transport Properties of Primary, Secondary and Tertiary Amines by Molecular Simulation. <i>Oil and Gas Science and Technology</i> , 2014, 69, 833-849.	1.4	7
6	A molecular simulation study of aqueous solutions of amines and alkanolamines: mixture properties and structural analysis. <i>Molecular Simulation</i> , 2014, 40, 123-133.	2.0	16
7	Molecular simulation of thermodynamic and transport properties for the H ₂ O+NaCl system. <i>Journal of Chemical Physics</i> , 2014, 141, 234507.	3.0	63
8	Optimization of Intermolecular Potential Parameters for the CO ₂ /H ₂ O Mixture. <i>Journal of Physical Chemistry B</i> , 2014, 118, 11504-11511.	2.6	35
9	A Transferable Force Field for Primary, Secondary, and Tertiary Alkanolamines. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 2097-2103.	5.3	26
10	Transferable Force Field for Equilibrium and Transport Properties in Linear and Branched Monofunctional and Multifunctional Amines. II. Secondary and Tertiary Amines. <i>Journal of Physical Chemistry B</i> , 2012, 116, 6193-6202.	2.6	18
11	Transferable Force Field for Equilibrium and Transport Properties in Linear, Branched, and Bifunctional Amines I. Primary Amines. <i>Journal of Physical Chemistry B</i> , 2011, 115, 14617-14625.	2.6	23