

Alberto Gutiérrez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8138909/publications.pdf>

Version: 2024-02-01

24
papers

427
citations

758635

12
h-index

752256

20
g-index

24
all docs

24
docs citations

24
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental and theoretical investigation of the physicochemical properties on choline chloride + Lactic acid based natural deep eutectic solvent (NADES). Journal of Molecular Liquids, 2019, 290, 110916.	2.3	57
2	A theoretical study on lidocaine solubility in deep eutectic solvents. Physical Chemistry Chemical Physics, 2018, 20, 27464-27473.	1.3	54
3	Design of arginine-based therapeutic deep eutectic solvents as drug solubilization vehicles for active pharmaceutical ingredients. Physical Chemistry Chemical Physics, 2019, 21, 10621-10634.	1.3	54
4	Insights on the mixtures of imidazolium based ionic liquids with molecular solvents. Journal of Molecular Liquids, 2018, 255, 199-207.	2.3	30
5	On the properties and structure of 2-hydroxyethylammonium formate ionic liquid. Journal of Molecular Liquids, 2018, 249, 233-244.	2.3	28
6	Nanostructuring and macroscopic behavior of type V deep eutectic solvents based on monoterpenoids. Physical Chemistry Chemical Physics, 2021, 24, 512-531.	1.3	28
7	Insights on Betaine + Lactic Acid Deep Eutectic Solvent. Industrial & Engineering Chemistry Research, 2020, 59, 11880-11892.	1.8	21
8	Theoretical Study of Oil Desulfuration by Ammonium-Based Deep Eutectic Solvents. Energy & Fuels, 2018, 32, 7497-7507.	2.5	20
9	Molecular dynamics study on water confinement in deep eutectic solvents. Journal of Molecular Liquids, 2021, 339, 116758.	2.3	19
10	Theoretical Study on Deep Eutectic Solvents as Vehicles for the Delivery of Anesthetics. Journal of Physical Chemistry B, 2020, 124, 1794-1805.	1.2	17
11	Experimental and molecular modeling study on the binary mixtures of [EMIM][BF ₄] and [EMIM][TFSI] ionic liquids. Journal of Molecular Liquids, 2021, 334, 116049.	2.3	14
12	Insights on [BMIM][BF ₄] and [BMIM][PF ₆] ionic liquids and their binary mixtures with acetone and acetonitrile. Journal of Molecular Liquids, 2019, 294, 111632.	2.3	13
13	Insights on novel type V deep eutectic solvents based on levulinic acid. Journal of Chemical Physics, 2022, 156, 094504.	1.2	11
14	Behavior of Antibiotics in Natural Deep Eutectic Solvents. Journal of Chemical & Engineering Data, 2020, 65, 4669-4683.	1.0	9
15	Microscopic Characterization of CO ₂ and H ₂ S Removal by Sulfolane. Energy & Fuels, 2017, 31, 9800-9813.	2.5	8
16	A nanoscopic approach on benzene-toluene-xylenes extraction by sulfolane. Journal of Molecular Liquids, 2018, 249, 1039-1046.	2.3	8
17	Insights on biodiesel blends with alkanol solvents. Journal of Molecular Liquids, 2021, 332, 115864.	2.3	8
18	Insights into Glycol Ether + Alkanol Mixtures from a Combined Experimental and Theoretical Approach. Journal of Physical Chemistry B, 2017, 121, 5601-5612.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Theoretical Study on Molten Alkali Carbonate Interfaces. <i>Langmuir</i> , 2018, 34, 13065-13076.	1.6	5
20	A theoretical study on CO ₂ at Li ₄ SiO ₄ and Li ₃ NaSiO ₄ surfaces. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13678-13689.	1.3	5
21	Molecular Modeling Analysis of CO ₂ Absorption by Glymes. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1948-1957.	1.2	4
22	Insights into Carbon Nanotubes and Fullerenes in Molten Alkali Carbonates. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9909-9918.	1.5	3
23	Theoretical study of hydrogen bonding in complex alcohol liquid mixtures. <i>Journal of Molecular Liquids</i> , 2020, 300, 112331.	2.3	3
24	On the properties of N-methyl-2-pyrrolidonium hydrogen sulfate ionic liquid and alkanol mixtures. <i>Journal of Molecular Liquids</i> , 2021, 333, 115925.	2.3	2