

Fatemeh Keshavarz

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

160
citations

1307366

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1199470

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docs citations

22
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249
citing authors

#	ARTICLE	IF	CITATIONS
1	Anodic Activity of Hydrated and Anhydrous Iron (II) Oxalate in Li-Ion Batteries. <i>Condensed Matter</i> , 2022, 7, 8.	0.8	3
2	Molecular-level understanding of highly selective heavy rare earth element uptake by organophosphorus modified MIL-101(Cr). <i>Chemical Engineering Journal</i> , 2022, 440, 135905.	6.6	12
3	Molecular level insights into the direct health impacts of some organic aerosol components. <i>New Journal of Chemistry</i> , 2021, 45, 6709-6723.	1.4	3
4	Reaction Mechanisms Underlying Unfunctionalized Alkyl Nitrate Hydrolysis in Aqueous Aerosols. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 210-225.	1.2	9
5	Heterogeneous Nucleation of Butanol on NaCl: A Computational Study of Temperature, Humidity, Seed Charge, and Seed Size Effects. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3025-3036.	1.1	6
6	New Particle Formation from the Vapor Phase: From Barrier-Controlled Nucleation to the Collisional Limit. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4593-4599.	2.1	8
7	Electrochemical Potential of the Metal Organic Framework MIL-101(Fe) as Cathode Material in Li-Ion Batteries. <i>Condensed Matter</i> , 2021, 6, 22.	0.8	10
8	Molecular Origin of the Sign Preference of Ion- Induced Heterogeneous Nucleation in a Complex Ionic Liquidâ€“Diethylene Glycol System. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26944-26952.	1.5	8
9	Seedâ€“Adsorbate Interactions as the Key of Heterogeneous Butanol and Diethylene Glycol Nucleation on Ammonium Bisulfate and Tetramethylammonium Bromide. <i>Journal of Physical Chemistry A</i> , 2020, 124, 10527-10539.	1.1	3
10	Chemical Kinetics Approves the Occurrence of C (³ P _j) Reaction with H ₂ O. <i>Journal of Physical Chemistry A</i> , 2019, 123, 5877-5892.	1.1	1
11	Computational Study of the Effect of Mineral Dust on Secondary Organic Aerosol Formation by Accretion Reactions of Closed-Shell Organic Compounds. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9008-9018.	1.1	4
12	A singleâ€“and multireference study on CH (X ²) reaction with O ₂ (). <i>International Journal of Chemical Kinetics</i> , 2019, 51, 161-177.	1.0	3
13	From Kinetics of OH Reaction with Glutamic Acid to Oxidative Damage to Proteins. <i>Journal of Physical Chemistry A</i> , 2019, 123, 429-442.	1.1	3
14	Density Functional Theory-Based Adsorption Isotherms for Pure and Flue Gas Mixtures on Mg-MOF-74. Application in CO ₂ Capture Swing Adsorption Processes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3945-3957.	1.5	38
15	A theoretical study on the dynamics of the gas phase reaction of NH ₂ (2B1) with HO ₂ (2A ³). <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1115-1124.	1.2	3
16	Study on the interaction of three structurally related cationic Pt(II) complexes with human serum albumin: importance of binding affinity and denaturing properties. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 617-630.	1.2	10
17	HER-2-based design of pertuzumab mimetic peptides. <i>Molecular Simulation</i> , 2015, 41, 1298-1307.	0.9	1
18	Probing the binding of thioTEPA to human serum albumin using spectroscopic and molecular simulation approaches. <i>Canadian Journal of Chemistry</i> , 2014, 92, 1066-1073.	0.6	5

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19	Spectroscopic and Molecular Dynamics Studies on Binding of Dimethylplatinum(II) Complex Drug to Human Serum Albumin. Bulletin of the Chemical Society of Japan, 2014, 87, 1094-1100.	2.0	3
20	Docking, molecular dynamics simulation studies, and structure-based QSAR model on cytochrome P450 2A6 inhibitors. Structural Chemistry, 2012, 23, 341-350.	1.0	20
21	A Structure-based QSAR and Docking Study on Imidazo[1,5-a][1,2,4]-triazolo[1,5-d][1,4,]benzodiazepines as Selective GABA _A Inverse Agonists. Chemical Biology and Drug Design, 2011, 78, 612-621.	1.5	7