

Fabrizio Creazzo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

199
citations

1307594
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h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Ions Tune Interfacial Water Structure and Modulate Hydrophobic Interactions at Silica Surfaces. Journal of the American Chemical Society, 2020, 142, 6991-7000.	13.7	53
2	Ionic diffusion and proton transfer in aqueous solutions of alkali metal salts. Physical Chemistry Chemical Physics, 2017, 19, 20420-20429.	2.8	40
3	Ab initio molecular dynamics study of an aqueous NaCl solution under an electric field. Physical Chemistry Chemical Physics, 2016, 18, 23164-23173.	2.8	36
4	DFT-MD of the (110)-Co ₃ O ₄ cobalt oxide semiconductor in contact with liquid water, preliminary chemical and physical insights into the electrochemical environment. Journal of Chemical Physics, 2019, 150, 041721.	3.0	23
5	Explicit solvent effects on (1 1 0) ruthenium oxide surface wettability: Structural, electronic and mechanical properties of rutile RuO ₂ by means of spin-polarized DFT-MD. Applied Surface Science, 2021, 570, 150993.	6.1	13
6	Enhanced conductivity of water at the electrified air-water interface: a DFT-MD characterization. Physical Chemistry Chemical Physics, 2020, 22, 10438-10446.	2.8	12
7	Ionic diffusion and proton transfer of MgCl ₂ and CaCl ₂ aqueous solutions: an ab initio study under electric field. Molecular Simulation, 2019, 45, 373-380.	2.0	8
8	Machine Learning-Assisted Discovery of Hidden States in Expanded Free Energy Space. Journal of Physical Chemistry Letters, 2022, 13, 1797-1805.	4.6	7
9	Water-Assisted Chemical Route Towards the Oxygen Evolution Reaction at the Hydrated (110) Ruthenium Oxide Surface: Heterogeneous Catalysis via DFT-MD and Metadynamics Simulations. Chemistry - A European Journal, 2021, 27, 17024-17037.	3.3	4
10	Closer Look at Inverse Electron Demand Diels-Alder and Nucleophilic Addition Reactions on s-Tetrazines Using Enhanced Sampling Methods. Topics in Catalysis, 2022, 65, 1-17.	2.8	2
11	Effects of surface wettability on (001)-WSe ₂ and (100)-WSe ₂ aqueous solutions: an ab initio study under electric field. Molecular Simulation, 2019, 45, 373-380.	6.1	1