

# Ab initio theory and modeling of water

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Functionals for exchange and correlation. , 2004, , 152-171.		3
5	Properties of real metallic surfaces: Effects of density functional semilocality and van der Waals nonlocality. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9188-E9196.	3.3	152
6	Chemical physics of water. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13325-13326.	3.3	13
7	Note: Assessment of the SCAN+rVV10 functional for the structure of liquid water. Journal of Chemical Physics, 2017, 147, 216101.	1.2	30
8	Interstitial Voids and Resultant Density of Liquid Water: A First-Principles Molecular Dynamics Study. ACS Omega, 2018, 3, 2010-2017.	1.6	23
9	Crown Ether Effects on the Location of Charge Carriers in Electrospray Droplets: Implications for the Mechanism of Protein Charging and Supercharging. Analytical Chemistry, 2018, 90, 4126-4134.	3.2	14
10	Refined description of liquid and supercooled silicon from <i>ab initio</i> simulations. Physical Review B, 2018, 97, .	1.1	9
11	How to run molecular dynamics simulations on electrospray droplets and gas phase proteins: Basic guidelines and selected applications. Methods, 2018, 144, 104-112.	1.9	34
12	Equilibration and analysis of first-principles molecular dynamics simulations of water. Journal of Chemical Physics, 2018, 148, 124501.	1.2	41
13	Water Lone Pair Delocalization in Classical and Quantum Descriptions of the Hydration of Model Ions. Journal of Physical Chemistry B, 2018, 122, 3519-3527.	1.2	27
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24	Electron-Hole Theory of the Effect of Quantum Nuclei on the X-Ray Absorption Spectra of Liquid Water. Physical Review Letters, 2018, 121, 137401.	2.9	35
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