Pushp Bajaj

List of Publications by Year
in descending order

11	685	932766 10	1281420 11
papers	citations	h-index	g-index

11	11	11	584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	India's low temperature thermal desalination technology: Water diplomacy with Small Island Developing States in the Indo-Pacific Region. Maritime Affairs, 2020, 16, 30-45.	0.3	4
2	Chemical accuracy in modeling halide ion hydration from many-body representations. Advances in Physics: X, 2019, 4, 1631212.	1.5	32
3	Specific Ion Effects on Hydrogen-Bond Rearrangements in the Halideâ€“Dihydrate Complexes. Journal of Physical Chemistry Letters, 2019, 10, 2823-2828.	2.1	26
4	Ion-mediated hydrogen-bond rearrangement through tunnelling in the iodideâ€“dihydrate complex. Nature Chemistry, 2019, 11, 367-374.	6.6	55
5	Halide Ion Microhydration: Structure, Energetics, and Spectroscopy of Small Halideâ€“Water Clusters. Journal of Physical Chemistry A, 2019, 123, 2843-2852.	1.1	35
6	Vibrational spectra of halide-water dimers: Insights on ion hydration from full-dimensional quantum calculations on many-body potential energy surfaces. Journal of Chemical Physics, 2018, 148, 102321.	1.2	40
7	Toward chemical accuracy in the description of ionâ€“water interactions through many-body representations. Alkali-water dimer potential energy surfaces. Journal of Chemical Physics, 2017, 147, 161715.	1.2	57
8	On the accuracy of the MB-pol many-body potential for water: Interaction energies, vibrational frequencies, and classical thermodynamic and dynamical properties from clusters to liquid water and ice. Journal of Chemical Physics, 2016, 145, 194504.	1.2	214
9	Toward Chemical Accuracy in the Description of Ionâ€“Water Interactions through Many-Body Representations. I. Halideâ€“Water Dimer Potential Energy Surfaces. Journal of Chemical Theory and Computation, 2016, 12, 2698-2705.	2.3	81
10	i-TTM Model for Ab Initio-Based Ionâ€“Water Interaction Potentials. 1. Halideâ€“Water Potential Energy Functions. Journal of Physical Chemistry B, 2016, 120, 1822-1832.	1.2	61
11	On the representation of many-body interactions in water. Journal of Chemical Physics, 2015, 143, 104102.	1.2	80