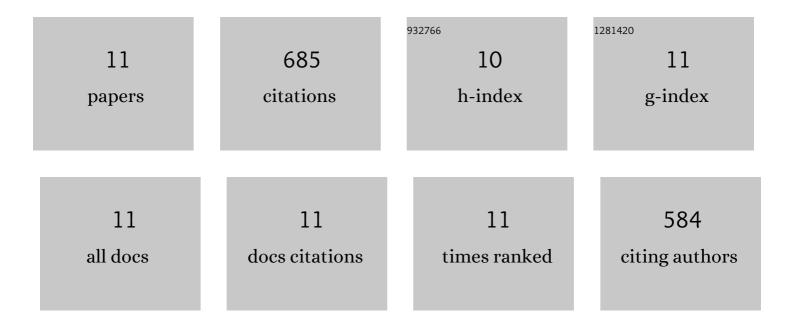
Pushp Bajaj

List of Publications by Year in descending order

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ΡΗ CHI RAIAI

#	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 Halide–Dihydrate Complexes. Journal of Physical Chemistry Letters, 2019, 10, 2823-2828.	2.1	26
4	Ion-mediated hydrogen-bond rearrangement through tunnelling in the iodide–dihydrate complex. Nature Chemistry, 2019, 11, 367-374.	6.6	55
5	Halide Ion Microhydration: Structure, Energetics, and Spectroscopy of Small Halide–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 ion–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 Ion–Water Interactions through Many-Body Representations. I. Halide–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 Ion–Water Interaction Potentials. 1. Halide–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