

# Prachi Sharma

## List of Publications by Year in descending order

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11  
papers

917  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal–Metal Bonding in Actinide Dimers: $U_2$ and $U_2^{+}$ . Journal of the American Chemical Society, 2021, 143, 17023-17028.	13.7	11
2	Determination of the SmO <sup>+</sup> bond energy by threshold photodissociation of the cryogenically cooled ion. Journal of Chemical Physics, 2021, 155, 174303.	3.0	15
3	Magnetic Coupling in a Tris-hydroxo-Bridged Chromium Dimer Occurs through Ligand Mediated Superexchange in Conjunction with Through-Space Coupling. Journal of the American Chemical Society, 2020, 142, 16644-16650.	13.7	26
4	Activation of Low-Valent, Multiply M–M Bonded Group VI Dimers toward Catalytic Olefin Metathesis via Surface Organometallic Chemistry. Organometallics, 2020, 39, 1035-1045.	2.3	8
5	Multiple Bonds in Uranium–Transition Metal Complexes. Inorganic Chemistry, 2019, 58, 10139-10147.	4.0	16
6	OpenMolcas: From Source Code to Insight. Journal of Chemical Theory and Computation, 2019, 15, 5925-5964.	5.3	661
7	Bimetallic nickel-lutetium complexes: tuning the properties and catalytic hydrogenation activity of the Ni site by varying the Lu coordination environment. Chemical Science, 2019, 10, 3375-3384.	7.4	44
8	Density matrix renormalization group pair-density functional theory (DMRG-PDFT): singlet–triplet gaps in polyacenes and polyacetylenes. Chemical Science, 2019, 10, 1716-1723.	7.4	69
9	Valence $\pi\pi^*$ Excitations in Benzene Studied by Multiconfiguration Pair-Density Functional Theory. Journal of Physical Chemistry Letters, 2019, 10, 75-81.	4.6	29
10	Multiconfiguration pair-density functional theory investigation of the electronic spectrum of MnO <sub>4</sub> <sup>−</sup> . Journal of Chemical Physics, 2018, 148, 124305.	3.0	18
11	Active Space Dependence in Multiconfiguration Pair-Density Functional Theory. Journal of Chemical Theory and Computation, 2018, 14, 660-669.	5.3	20