Sandeep Sharma

List of Publications by Year
in descending order

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19	1,024	567281 15	794594 19
papers	citations	h-index	g-index

19	19	19	717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Externally Corrected CCSD with Renormalized Perturbative Triples (R-ecCCSD(T)) and the Density Matrix Renormalization Group and Selected Configuration Interaction External Sources. Journal of Chemical Theory and Computation, 2021, 17, 3414-3425.	5.3	18
2	Efficient Evaluation of Two-Center Gaussian Integrals in Periodic Systems. Journal of Chemical Theory and Computation, 2021, 17, 3916-3922.	5.3	4
3	Taming the Sign Problem in Auxiliary-Field Quantum Monte Carlo Using Accurate Wave Functions. Journal of Chemical Theory and Computation, 2021, 17, 4786-4798.	5.3	19
4	A fast algorithm for computing the Boys function. Journal of Chemical Physics, 2021, 155, 174117.	3.0	3
5	The Ground State Electronic Energy of Benzene. Journal of Physical Chemistry Letters, 2020, 11, 8922-8929.	4.6	90
6	Efficient multireference perturbation theory without high-order reduced density matrices. Journal of Chemical Physics, 2020, 153, 164120.	3.0	16
7	An accelerated linear method for optimizing non-linear wavefunctions in variational Monte Carlo. Journal of Chemical Physics, 2020, 152, 024111.	3.0	13
8	Efficient local energy evaluation for multi-Slater wave functions in orbital space quantum Monte Carlo. Journal of Chemical Physics, 2020, 153, 194108.	3.0	10
9	Symmetry-Projected Jastrow Mean-Field Wave Function in Variational Monte Carlo. Journal of Physical Chemistry A, 2019, 123, 3911-3921.	2.5	17
10	Multireference configuration interaction and perturbation theory without reduced density matrices. Journal of Chemical Physics, 2019, 151, 211102.	3.0	16
11	Excited States of Methylene, Polyenes, and Ozone from Heat-Bath Configuration Interaction. Journal of Physical Chemistry A, 2018, 122, 2714-2722.	2.5	80
12	One-Step Treatment of Spinâ€“Orbit Coupling and Electron Correlation in Large Active Spaces. Journal of Chemical Theory and Computation, 2018, 14, 154-165.	5.3	39
13	Improved Speed and Scaling in Orbital Space Variational Monte Carlo. Journal of Chemical Theory and Computation, 2018, 14, 6276-6286.	5.3	26
14	Fast semistochastic heat-bath configuration interaction. Journal of Chemical Physics, 2018, 149, 214110.	3.0	99
15	Combining Internally Contracted States and Matrix Product States To Perform Multireference Perturbation Theory. Journal of Chemical Theory and Computation, 2017, 13, 488-498.	5.3	55
16	Semistochastic Heat-Bath Configuration Interaction Method: Selected Configuration Interaction with Semistochastic Perturbation Theory. Journal of Chemical Theory and Computation, 2017, 13, 1595-1604.	5.3	232
17	Excited states using semistochastic heat-bath configuration interaction. Journal of Chemical Physics, 2017, 147, 164111.	3.0	108
18	Cheap and Near Exact CASSCF with Large Active Spaces. Journal of Chemical Theory and Computation, 2017, 13, 5468-5478.	5.3	131

#	Article	IF	Citations
19	Multistate Complete-Active-Space Second-Order Perturbation Theory Based on Density Matrix Renormalization Group Reference States. Journal of Chemical Theory and Computation, 2017, 13, 4829-4840.	5.3	48