

Peter J Reynolds

List of Publications by Year in descending order

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15
papers

1,871
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of dipole moments of LiSr and KRb molecules by quantum Monte Carlo methods. <i>Molecular Physics</i> , 2013, 111, 1744-1752.	1.7	8
2	Introduction to the special issue on quantum imaging. <i>Quantum Information Processing</i> , 2012, 11, 887-889.	2.2	3
3	Spatial-partitioning-based acceleration for variational Monte Carlo. <i>Journal of Chemical Physics</i> , 1999, 111, 6180-6189.	3.0	8
4	Overcoming the large-Z problem in quantum monte carlo. <i>International Journal of Quantum Chemistry</i> , 1990, 38, 679-680.	2.0	7
5	Monte Carlo study of electron correlation functions for small molecules. <i>Theoretica Chimica Acta</i> , 1989, 75, 353-368.	0.8	27
6	Damped-Core Quantum Monte Carlo Method: Effective Treatment for Large-Z Systems. <i>Physical Review Letters</i> , 1988, 61, 2312-2315.	7.8	39
7	Valence quantum Monte Carlo with ab initio effective core potentials. <i>Journal of Chemical Physics</i> , 1987, 87, 1130-1136.	3.0	141
8	Quantum Monte Carlo calculation of the singlet-triplet splitting in methylene. <i>Journal of Chemical Physics</i> , 1985, 82, 1983-1990.	3.0	54
9		3.0	970
10	Radius of clusters at the percolation threshold: A position space renormalization group study. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , 1981, 45, 123-128.	1.9	11
11	Universality of four-coordinated correlated percolation and random percolation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1980, 80, 357-360.	2.1	12
12	Large-cell Monte Carlo renormalization group for percolation. <i>Physical Review B</i> , 1980, 21, 1223-1245.	3.2	439
13	Site-bond percolation by position-space renormalization group. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1979, 71, 252-254.	2.1	58
14	Renormalization-Group Approach to the Percolation Properties of the Triangular Ising Model. <i>Physical Review Letters</i> , 1978, 41, 1145-1148.	7.8	75
15	Between Classical and Quantum Monte Carlo Methods: Variational QMC. <i>Advances in Chemical Physics</i> , 0, , 37-64.	0.3	19