Noriyuki Minezawa

List of Publications by Year
in descending order

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17	712	687363 13	888059 17
papers	citations	h-index	g-index

18	18	18	951
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimizing Conical Intersections by Spinâ˜Flip Density Functional Theory: Application to Ethylene. Journal of Physical Chemistry A, 2009, 113, 12749-12753.	2.5	155
2	Photoisomerization of Stilbene: A Spin-Flip Density Functional Theory Approach. Journal of Physical Chemistry A, 2011, 115, 7901-7911.	2.5	129
3	Modeling Solvent Effects on Electronic Excited States. Journal of Physical Chemistry Letters, 2011, 2, 2184-2192.	4.6	107
4	Automated Search for Minimum Energy Conical Intersection Geometries between the Lowest Two Singlet States S₀/S₁-MECIs by the Spin-Flip TDDFT Method. Journal of Chemical Theory and Computation, 2013, 9, 4116-4123.	5.3	56
5	Fragment Molecular Orbital Molecular Dynamics with the Fully Analytic Energy Gradient. Journal of Chemical Theory and Computation, 2012, 8, 5008-5012.	5.3	47
6	Implementation of the analytic energy gradient for the combined time-dependent density functional theory/effective fragment potential method: Application to excited-state molecular dynamics simulations. Journal of Chemical Physics, 2011, 134, 054111.	3.0	36
7	Optimizing conical intersections of solvated molecules: The combined spin-flip density functional theory/effective fragment potential method. Journal of Chemical Physics, 2012, 137, 034116.	3.0	30
8	Efficient implementation of three-dimensional reference interaction site model self-consistent-field method: Application to solvatochromic shift calculations. Journal of Chemical Physics, 2007, 126, 054511.	3.0	27
9	Intramolecular Charge-Transfer State Formation of 4-(N,N-Dimethylamino)benzonitrile in Acetonitrile Solution:Â RISM-SCF Study. Journal of Physical Chemistry A, 2005, 109, 5445-5453.	2.5	25
10	Excited-State Hydrogen Atom Transfer Reaction in Solvated 7-Hydroxy-4-methylcoumarin. Journal of Physical Chemistry B, 2013, 117, 15386-15394.	2.6	18
11	State-specific solvation effect on the intramolecular charge transfer reaction in solution: A linear-response free energy TDDFT method. Chemical Physics Letters, 2014, 608, 140-144.	2.6	16
12	Vertical excitation energies of linear cyanine dyes by spin-flip time-dependent density functional theory. Chemical Physics Letters, 2015, 622, 115-119.	2.6	13
13	Trajectory surface hopping molecular dynamics simulation by spin-flip time-dependent density functional theory. Journal of Chemical Physics, 2019, 150, 204120.	3.0	13
14	Optimizing minimum free-energy crossing points in solution: Linear-response free energy/spin-flip density functional theory approach. Journal of Chemical Physics, 2014, 141, 164118.	3.0	12
15	Electronic spectra of coumarin-151 in polar solvents: Linear response free energy approach. Chemical Physics Letters, 2010, 492, 193-197.	2.6	10
16	Excited-state free energy surfaces in solution: Time-dependent density functional theory/reference interaction site model self-consistent field method. Journal of Chemical Physics, 2013, 138, 244101.	3.0	10
17	Quantum mechanical/molecular mechanical trajectory surface hopping molecular dynamics simulation by spin-flip time-dependent density functional theory. Journal of Chemical Physics, 2020, 152, 024119.	3.0	8