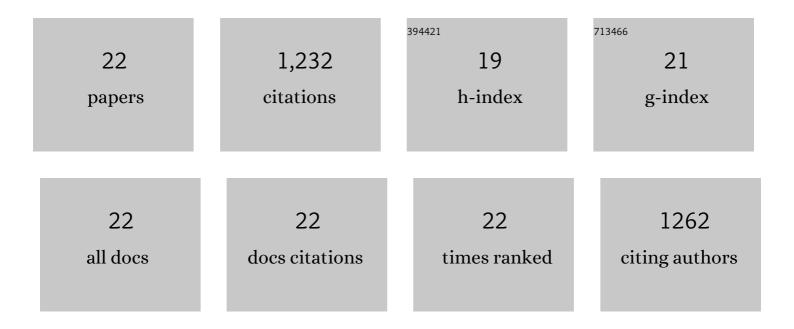
Liping Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stark control of electrons along nanojunctions. Nature Communications, 2018, 9, 2070.	12.8	32
2	When can time-dependent currents be reproduced by the Landauer steady-state approximation?. Journal of Chemical Physics, 2017, 146, 174101.	3.0	18
3	Understanding the Fundamental Connection Between Electronic Correlation and Decoherence. Journal of Physical Chemistry Letters, 2016, 7, 1616-1621.	4.6	11
4	Simple and Accurate Method for Time-Dependent Transport along Nanoscale Junctions. Journal of Physical Chemistry C, 2014, 118, 20009-20017.	3.1	41
5	Designing coved graphene nanoribbons with charge carrier mobility approaching that of graphene. Carbon, 2014, 77, 868-879.	10.3	20
6	Equilibrium excited state and emission spectra of molecular aggregates from the hierarchical equations of motion approach. Journal of Chemical Physics, 2013, 138, 045101.	3.0	28
7	Energy Level Alignment and Charge Carrier Mobility in Noncovalently Functionalized Graphene. Journal of Physical Chemistry Letters, 2013, 4, 2158-2165.	4.6	83
8	Quantized Hamiltonian dynamics captures the low-temperature regime of charge transport in molecular crystals. Journal of Chemical Physics, 2013, 139, 174109.	3.0	25
9	Mixed quantum-classical simulations of charge transport in organic materials: Numerical benchmark of the Su-Schrieffer-Heeger model. Journal of Chemical Physics, 2011, 134, 244116.	3.0	49
10	Quantum rate dynamics for proton transfer reaction in a model system: Effect of the rate promoting vibrational mode. Journal of Chemical Physics, 2011, 135, 044505.	3.0	27
11	Simulation of the two-dimensional electronic spectra of the Fenna-Matthews-Olson complex using the hierarchical equations of motion method. Journal of Chemical Physics, 2011, 134, 194508.	3.0	95
12	Two-dimensional electronic spectra from the hierarchical equations of motion method: Application to model dimers. Journal of Chemical Physics, 2010, 132, 024505.	3.0	64
13	Communications: A nonperturbative quantum master equation approach to charge carrier transport in organic molecular crystals. Journal of Chemical Physics, 2010, 132, 081101.	3.0	40
14	Multiscale study of charge mobility of organic semiconductor with dynamic disorders. Physical Chemistry Chemical Physics, 2010, 12, 3309.	2.8	152
15	Optical line shapes of molecular aggregates: Hierarchical equations of motion method. Journal of Chemical Physics, 2009, 131, 094502.	3.0	116
16	Quantum rate dynamics for proton transfer reactions in condensed phase: The exact hierarchical equations of motion approach. Journal of Chemical Physics, 2009, 130, 134505.	3.0	34
17	Efficient hierarchical Liouville space propagator to quantum dissipative dynamics. Journal of Chemical Physics, 2009, 130, 084105.	3.0	215
18	Electron transfer dynamics: Zusman equation versus exact theory. Journal of Chemical Physics, 2009, 130, 164518.	3.0	76

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#	Article	IF	CITATIONS
19	The effects of pyridine derivative additives on interface processes at nanocrystalline TiO ₂ thin film in dyeâ€sensitized solar cells. Surface and Interface Analysis, 2007, 39, 809-816.	1.8	45
20	Singletâ^'Triplet Splittings and Their Relevance to the Spin-Dependent Exciton Formation in Light-Emitting Polymers:  An EOM/CCSD Study. Journal of Physical Chemistry A, 2006, 110, 13349-13354.	2.5	27
21	Field Effect on the Singlet and Triplet Exciton Formation in Organic/Polymeric Light-Emitting Diodes. Journal of Physical Chemistry B, 2004, 108, 9608-9613.	2.6	34
22	Theoretical Investigation of the Spinâ€dependent Exciton Formation Rates in Polymeric Lightâ€emitting Diodes. Journal of the Chinese Chemical Society, 2003, 50, 691-702.	1.4	0