

Guangqi Li

List of Publications by Year in descending order

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28
papers

491
citations

687363

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28
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28
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28
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Quantum Chemical Calculation of Ionization Potentials: Validation of the DFT-LOC Approach via a Large Data Set Obtained from Experiments and Benchmark Quantum Chemical Calculations. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 2109-2123.	5.3	2
2	Polaron assisted charge transfer in model biological systems. <i>European Physical Journal B</i> , 2016, 89, 1.	1.5	0
3	Influence of Coherent Tunneling and Incoherent Hopping on the Charge Transfer Mechanism in Linear Donor-Bridge-Acceptor Systems. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4889-4897.	4.6	32
4	Optically induced transport through semiconductor-based molecular electronics. <i>Journal of Chemical Physics</i> , 2015, 142, 154111.	3.0	3
5	The influence of polaron formation on exciton dissociation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11553-11559.	2.8	6
6	Charge localization in a layer induced by electron-phonon interaction: application to transient polaron formation. <i>European Physical Journal B</i> , 2015, 88, 1.	1.5	2
7	Non-steady-state organic plasmonics and its application to optical control of Coulomb blocking in nanojunctions. , 2014, , .		0
8	Electron-Phonon Coupling Effect on Charge Transfer in Nanostructures. <i>Journal of Physical Chemistry C</i> , 2013, 117, 850-857.	3.1	6
9	Dynamic electron localization initiated by particle-bath coupling. <i>Physical Review B</i> , 2013, 87, .	3.2	9
10	Polaron formation: Ehrenfest dynamics vs. exact results. <i>Journal of Chemical Physics</i> , 2013, 138, 044112.	3.0	21
11	Yield of exciton dissociation in a donor-acceptor photovoltaic junction. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14270.	2.8	22
12	Compensation of Coulomb Blocking and Energy Transfer in the Current Voltage Characteristic of Molecular Conduction Junctions. <i>Nano Letters</i> , 2012, 12, 2228-2232.	9.1	31
13	Optimal control of shot noise and Fano factor by external fields. <i>European Physical Journal B</i> , 2010, 76, 309-319.	1.5	7
14	Coherent charge transport through molecular wires: Exciton blocking and current from electronic excitations in the wire. <i>Physical Review B</i> , 2010, 81, .	3.2	23
15	Coherent control of the spin current through a quantum dot. <i>European Physical Journal B</i> , 2009, 68, 103-109.	1.5	16
16	Time-dependent suppression of current through molecular junctions. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 2720-2724.	1.5	7
17	Treatment of laser-field effects on a molecular wire and its coupling to the leads. <i>Journal of Luminescence</i> , 2008, 128, 1078-1080.	3.1	6
18	Suppressing the current through molecular wires: comparison of two mechanisms. <i>New Journal of Physics</i> , 2008, 10, 085005.	2.9	22

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19	An improved variational approach to off-diagonal exciton-phonon coupling. <i>Journal of Chemical Physics</i> , 2008, 129, 124114.	3.0	23
20	Tailoring current flow patterns through molecular wires using shaped optical pulses. <i>Physical Review B</i> , 2008, 77, .	3.2	30
21	Coherent laser control of the current through molecular junctions. <i>Europhysics Letters</i> , 2007, 79, 27006.	2.0	61
22	Green Luminescence Band in ZnO: Fine Structures, Electron-Phonon Coupling, and Temperature Effect. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10475-10478.	2.6	76
23	Coherent destruction of the current through molecular wires using short laser pulses. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3775-3781.	1.5	13
24	Density matrix theory for reductive electron transfer in DNA. <i>Journal of Luminescence</i> , 2006, 119-120, 91-95.	3.1	5
25	Switching the current through model molecular wires with Gaussian laser pulses. <i>Europhysics Letters</i> , 2006, 75, 139-145.	2.0	49
26	Backward Charge Transfer in Conjugated Polymers. <i>Communications in Theoretical Physics</i> , 2005, 43, 1137-1140.	2.5	1
27	Spectral features of LO phonon sidebands in luminescence of free excitons in GaN. <i>Journal of Chemical Physics</i> , 2005, 122, 244712.	3.0	17
28	Dynamical process of photoinduced polarization reversion in polymers. <i>Current Applied Physics</i> , 2001, 1, 371-374.	2.4	1