

# Guangqi Li

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

491  
citations

687363

13  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

488  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Green Luminescence Band in ZnO:Â Fine Structures, Electronâ~Phonon Coupling, and Temperature Effect. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10475-10478.                                 | 2.6 | 76        |
| 2  | Coherent laser control of the current through molecular junctions. <i>Europhysics Letters</i> , 2007, 79, 27006.  | 2.0 | 61        |
| 3  | Switching the current through model molecular wires with Gaussian laser pulses. <i>Europhysics Letters</i> , 2006, 75, 139-145.   | 2.0 | 49        |
| 4  | Influence of Coherent Tunneling and Incoherent Hopping on the Charge Transfer Mechanism in Linear Donorâ€Bridgeâ€Acceptor Systems. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4889-4897. | 4.6 | 32        |
| 5  | 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        |
| 6  | Tailoring current flow patterns through molecular wires using shaped optical pulses. <i>Physical Review B</i> , 2008, 77, .   | 3.2 | 30        |
| 7  | An improved variational approach to off-diagonal exciton-phonon coupling. <i>Journal of Chemical Physics</i> , 2008, 129, 124114.   | 3.0 | 23        |
| 8  | 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        |
| 9  | Suppressing the current through molecular wires: comparison of two mechanisms. <i>New Journal of Physics</i> , 2008, 10, 085005.  | 2.9 | 22        |
| 10 | Yield of exciton dissociation in a donorâ€acceptor photovoltaic junction. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14270.   | 2.8 | 22        |
| 11 | Polaron formation: Ehrenfest dynamics vs. exact results. <i>Journal of Chemical Physics</i> , 2013, 138, 044112.  | 3.0 | 21        |
| 12 | 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        |
| 13 | Coherent control of the spin current through a quantum dot. <i>European Physical Journal B</i> , 2009, 68, 103-109.   | 1.5 | 16        |
| 14 | 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        |
| 15 | Dynamic electron localization initiated by particle-bath coupling. <i>Physical Review B</i> , 2013, 87, .   | 3.2 | 9         |
| 16 | Timeâ€dependent suppression of current through molecular junctions. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 2720-2724.  | 1.5 | 7         |
| 17 | Optimal control of shot noise and Fano factor by external fields. <i>European Physical Journal B</i> , 2010, 76, 309-319.   | 1.5 | 7         |
| 18 | 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         |

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|----|---|-----|-----------|
| 19 | Electron-Phonon Coupling Effect on Charge Transfer in Nanostructures. <i>Journal of Physical Chemistry C</i> , 2013, 117, 850-857.  | 3.1 | 6         |
| 20 | The influence of polaron formation on exciton dissociation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11553-11559.   | 2.8 | 6         |
| 21 | Density matrix theory for reductive electron transfer in DNA. <i>Journal of Luminescence</i> , 2006, 119-120, 91-95.  | 3.1 | 5         |
| 22 | Optically induced transport through semiconductor-based molecular electronics. <i>Journal of Chemical Physics</i> , 2015, 142, 154111.  | 3.0 | 3         |
| 23 | 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         |
| 24 | 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         |
| 25 | Dynamical process of photoinduced polarization reversion in polymers. <i>Current Applied Physics</i> , 2001, 1, 371-374.  | 2.4 | 1         |
| 26 | Backward Charge Transfer in Conjugated Polymers. <i>Communications in Theoretical Physics</i> , 2005, 43, 1137-1140.  | 2.5 | 1         |
| 27 | Non-steady-state organic plasmonics and its application to optical control of Coulomb blocking in nanojunctions. , 2014, , .  |     | 0         |
| 28 | Polaron assisted charge transfer in model biological systems. <i>European Physical Journal B</i> , 2016, 89, 1.   | 1.5 | 0         |