

# Sheng Li

## List of Publications by Year in descending order

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24  
papers

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citations

1307594

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794594

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docs citations

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times ranked

245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of photoexcitation dynamics in conjugated polymer using Ehrenfest method with configuration interaction singles. <i>European Physical Journal B</i> , 2021, 94, 1.	1.5	1
2	Lattice Vibrations and Time-Dependent Evolution of Local Phonon Modes during Exciton Formation in Conjugated Polymeric Molecules. <i>Polymers</i> , 2021, 13, 1724.	4.5	1
3	Construction of Co <sup>2+</sup> /Mn Prussian Blue Analog Hollow Spheres for Efficient Aqueous Zn <sup>2+</sup> Ion Batteries. <i>Angewandte Chemie</i> , 2021, 133, 22363-22368.	2.0	12
4	Construction of Co <sup>2+</sup> /Mn Prussian Blue Analog Hollow Spheres for Efficient Aqueous Zn <sup>2+</sup> Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22189-22194.	13.8	265
5	Exploring interchain polaron pair formation in neat conjugated polymers. <i>European Physical Journal B</i> , 2020, 93, 1.	1.5	2
6	Polaron Pair Formation in Neat Conjugated Polymers: A Surface Hopping Study. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18894-18900.	3.1	6
7	Charge Accumulation of Amplified Spontaneous Emission in a Conjugated Polymer Chain and Its Dynamical Phonon Spectra. <i>Molecules</i> , 2020, 25, 3003.	3.8	0
8	Impurity Effects on Excited-State Dynamics of Conjugated Polymers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21336-21344.	3.1	6
9	Highly efficient photocatalysis of pyroelectric NaNbO <sub>3</sub> shape-controllable nanoparticles for room-temperature dye decomposition. <i>Chemosphere</i> , 2018, 199, 531-537.	8.2	74
10	Photoinduced Slowdown of Charge Carrier Transport and Phonon Emission in Conjugated Polymers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15063-15069.	3.1	0
11	Solution for the Trivial Crossing Problem in Surface Hopping Simulations by the Classification on Excited States. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8058-8064.	3.1	9
12	Transient Aspects and Ultrafast Dynamical Processes of Amplified Spontaneous Emission in Conjugated Polymers. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10762-10766.	2.6	2
13	Photoinduced Localized Phonons and Instantaneous Structure Contributing to Amplified Spontaneous Emission of Conjugated Polymers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1055-1061.	3.1	1
14	Formation of Hot Excitons, Annealing, and Relaxation in Conjugated Polymers under an External Optical Pulse. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8731-8737.	3.1	0
15	Intrinsic Delocalization during the Decay of Excitons in Polymeric Solar Cells. <i>Polymers</i> , 2016, 8, 414.	4.5	0
16	Hidden Confinement Induced by Charged Excitons: External Electric Field Adjustment to Achieve Highly Efficient Fluorescence in PLEDs. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20312-20318.	3.1	1
17	Controllable coupling between a charge qubit and a spin ensemble. <i>Physical Review A</i> , 2014, 89, .	2.5	1
18	Electronic Two-Transition-Induced Enhancement of Emission Efficiency in Polymer Light-Emitting Diodes. <i>Materials</i> , 2013, 6, 886-896.	2.9	0

#	ARTICLE	IF	CITATIONS
19	Triplet exciton in polymeric electroluminescence. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 1490-1493.	1.5	1
20	Quantum logical gates with four-level superconducting quantum interference devices coupled to a superconducting resonator. <i>Physical Review A</i> , 2010, 82, .	2.5	13
21	Self-Introduction of Disordered Lattice Distortion by a Polymeric Nanofiber Laser. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8894-8899.	2.6	4
22	Electroluminescence enhancement in polymer light-emitting diodes through hole injection layer insertion. <i>Journal of Applied Physics</i> , 2009, 106, 074513.	2.5	8
23	Optically-Controlled Spin Valves in Conjugated Polymers. <i>Journal of Physical Chemistry B</i> , 2009, 113, 400-404.	2.6	12
24	Radiative Decay of Singlet Excitons and Carrier-Fusion-Induced Electroluminescence Enhancement of Polymer Light-Emitting Diodes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15231-15236.	2.6	3