## Chemical principles of single-molecule electronics

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**Citation Report** 

#	Article	IF	CITATIONS
1	Even the Odd Numbers Help: Failure Modes of SAM-Based Tunnel Junctions Probed via Odd-Even Effects Revealed in Synchrotrons and Supercomputers. Accounts of Chemical Research, 2016, 49, 2061-2069.	7.6	68
2	Exceptional Single-Molecule Transport Properties of Ladder-Type Heteroacene Molecular Wires. Journal of the American Chemical Society, 2016, 138, 10630-10635.	6.6	76
3	High-Conductance Pathways in Ring-Strained Disilanes by Way of Direct σ-Si–Si to Au Coordination. Journal of the American Chemical Society, 2016, 138, 11505-11508.	6.6	20
4	Diamondoid-based molecular junctions: a computational study. Nanotechnology, 2016, 27, 485207.	1.3	1
5	Driven Liouville von Neumann Approach for Time-Dependent Electronic Transport Calculations in a Nonorthogonal Basis-Set Representation. Journal of Physical Chemistry C, 2016, 120, 15052-15062.	1.5	27
6	Designing a robust single-molecule switch. Science, 2016, 352, 1394-1395.	6.0	24
7	Tuning Conductance in π–Ïf–π Single-Molecule Wires. Journal of the American Chemical Society, 2016, 138, 7791-7795.	6.6	27
8	Molecular Orbital Rule for Quantum Interference in Weakly Coupled Dimers: Low-Energy Giant Conductivity Switching Induced by Orbital Level Crossing. Journal of Physical Chemistry Letters, 2017, 8, 727-732.	2.1	22
9	Structure Controlled Long-Range Sequential Tunneling in Carbon-Based Molecular Junctions. ACS Nano, 2017, 11, 3542-3552.	7.3	38
10	Large-Area, Ensemble Molecular Electronics: Motivation and Challenges. Chemical Reviews, 2017, 117, 4248-4286.	23.0	298
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17	Controlling charge transport mechanisms in molecular junctions: Distilling thermally induced hopping from coherent-resonant conduction. Journal of Chemical Physics, 2017, 146, 164702.	1.2	29
18	Singleâ€Molecule Conductance Studies of Organometallic Complexes Bearing 3â€Thienyl Contacting Groups. Chemistry - A European Journal, 2017, 23, 2133-2143.	1.7	50

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20	Effect of Ring Strain on the Charge Transport of a Robust Norbornadiene–Quadricyclane-Based Molecular Photoswitch. Journal of Physical Chemistry C, 2017, 121, 7094-7100.	1.5	42
21	Effect of Heteroatom Substitution on Transport in Alkanedithiol-Based Molecular Tunnel Junctions: Evidence for Universal Behavior. ACS Nano, 2017, 11, 569-578.	7.3	54
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