

# Mechanically controlled binary conductance switching

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Citation Report

#	ARTICLE	IF	CITATIONS
6	Bistable hysteresis and resistance switching in hydrogen-gold junctions. <i>Physical Review B</i> , 2009, 80, .	1.1	25
7	Nanomechanically induced molecular conductance switch. <i>Applied Physics Letters</i> , 2009, 95, 232118.	1.5	14
8	Identifying molecular signatures in metal-molecule-metal junctions. <i>Nanoscale</i> , 2009, 1, 164.	2.8	37
9	Conductance and I-V characteristics of Au/BPY/Au single molecule junctions. <i>Journal of Chemical Physics</i> , 2009, 131, .	1.2	11
10	Molecular electronics with single molecules in solid-state devices. <i>Nature Nanotechnology</i> , 2009, 4, 551-556.	15.6	356
11	Exploring the Tilt-Angle Dependence of Electron Tunneling across Molecular Junctions of Self-Assembled Alkanethiols. <i>ACS Nano</i> , 2009, 3, 2073-2080.	7.3	53
12	Oligoyne Single Molecule Wires. <i>Journal of the American Chemical Society</i> , 2009, 131, 15647-15654.	6.6	206
13	N-Silylamine Junctions for Molecular Wires to Gold: The Effect of Binding Atom Hybridization on the Electronic Transmission. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20458-20462.	1.5	1
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15	Electrochemically Assisted Fabrication of Metal Atomic Wires and Molecular Junctions by MCBJ and STM Methods. <i>ChemPhysChem</i> , 2010, 11, 2745-2755.	1.0	38
16	Fundamentals of energy transport, energy conversion, and thermal properties in organic-inorganic heterojunctions. <i>Chemical Physics Letters</i> , 2010, 491, 109-122.	1.2	151
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21	Molecular conductivity switching of two benzene rings under electric field. <i>Applied Physics Letters</i> , 2010, 97, 262114.	1.5	22
22	Conductive junctions with parallel graphene sheets. <i>Journal of Chemical Physics</i> , 2010, 132, 114703.	1.2	11
23	Charge transport through molecular switches. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 133001.	0.7	250

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25	Effect of Electrode Orientations on Charge Transport in Alkanedithiol Single-Molecule Junctions. ACS Nano, 2010, 4, 6404-6408.	7.3	48
26	Probing the Molecule-Electrode Interface of Single-Molecule Junctions by Controllable Mechanical Modulations. Journal of Physical Chemistry C, 2010, 114, 8587-8592.	1.5	26
27	Single Molecule Conductance of Bipyridyl Ethynes: The Role of Surface Binding Modes. Journal of Physical Chemistry B, 2010, 114, 14189-14193.	1.2	5
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43	Directionally Oriented LB Films of an OPE Derivative: Assembly, Characterization, and Electrical Properties. <i>Langmuir</i> , 2011, 27, 3600-3610.	1.6	29
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