

Latha Venkataraman

List of Publications by Year in descending order

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155
papers

14,606
citations

23879

60
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21843

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all docs

159
docs citations

159
times ranked

8961
citing authors

#	ARTICLE	IF	CITATIONS
1	Gap Size-Dependent Plasmonic Enhancement in Electroluminescent Tunnel Junctions. ACS Photonics, 2022, 9, 688-693.	3.2	10
2	Theory of Chirality Induced Spin Selectivity: Progress and Challenges. Advanced Materials, 2022, 34, e2106629.	11.1	119
3	İ€-Conjugated redox-active two-dimensional polymers as organic cathode materials. Chemical Science, 2022, 13, 3533-3538.	3.7	9
4	Increased Molecular Conductance in Oligo[<i>n</i>]phenylene Wires by Thermally Enhanced Dihedral Planarization. Nano Letters, 2022, 22, 4919-4924.	4.5	9
5	Highly conducting single-molecule topological insulators based on mono- and di-radical cations. Nature Chemistry, 2022, 14, 1061-1067.	6.6	38
6	Highly nonlinear transport across single-molecule junctions via destructive quantum interference. Nature Nanotechnology, 2021, 16, 313-317.	15.6	56
7	Single-molecule conductance in a unique cross-conjugated tetra(aminoaryl)ethene. Chemical Communications, 2021, 57, 591-594.	2.2	9
8	Voltage-Induced Single-Molecule Junction Planarization. Nano Letters, 2021, 21, 673-679.	4.5	25
9	A single-molecule blueprint for synthesis. Nature Reviews Chemistry, 2021, 5, 695-710.	13.8	24
10	Destructive quantum interference in heterocyclic alkanes: the search for ultra-short molecular insulators. Chemical Science, 2021, 12, 10299-10305.	3.7	17
11	Single-Molecule Junction Formation in Break-Junction Measurements. Journal of Physical Chemistry Letters, 2021, 12, 10802-10807.	2.1	23
12	Cyclopropenylidenes as Strong Carbene Anchoring Groups on Au Surfaces. Journal of the American Chemical Society, 2020, 142, 19902-19906.	6.6	11
13	Too Cool for Blackbody Radiation: Overbias Photon Emission in Ambient STM Due to Multielectron Processes. Nano Letters, 2020, 20, 8912-8918.	4.5	14
14	Synthesis and electronic properties of pyridine end-capped cyclopentadithiophene-vinylene oligomers. RSC Advances, 2020, 10, 41264-41271.	1.7	4
15	Mechanically Tunable Quantum Interference in Ferrocene-Based Single-Molecule Junctions. Nano Letters, 2020, 20, 6381-6386.	4.5	52
16	Cumulene Wires Display Increasing Conductance with Increasing Length. Nano Letters, 2020, 20, 8415-8419.	4.5	47
17	Single-Electron Currents in Designer Single-Cluster Devices. Journal of the American Chemical Society, 2020, 142, 14924-14932.	6.6	16
18	Tight-binding analysis of helical states in carbyne. Journal of Chemical Physics, 2020, 153, 124304.	1.2	8

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19	Visualizing Quantum Interference in Molecular Junctions. <i>Nano Letters</i> , 2020, 20, 2843-2848.	4.5	44
20	Gold-Carbon Contacts from Oxidative Addition of Aryl Iodides. <i>Journal of the American Chemical Society</i> , 2020, 142, 7128-7133.	6.6	31
21	Unsupervised feature recognition in single-molecule break junction data. <i>Nanoscale</i> , 2020, 12, 8355-8363.	2.8	21
22	Using Deep Learning to Identify Molecular Junction Characteristics. <i>Nano Letters</i> , 2020, 20, 3320-3325.	4.5	27
23	Solitonics with Polyacetylenes. <i>Nano Letters</i> , 2020, 20, 2615-2619.	4.5	17
24	In Situ Coupling of Single Molecules Driven by Gold-Catalyzed Electrooxidation. <i>Angewandte Chemie</i> , 2019, 131, 16154-16158.	1.6	3
25	Molecular conductance versus inductive effects of axial ligands on the electrocatalytic activity of self-assembled iron phthalocyanines: The oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019, 327, 134996.	2.6	14
26	The importance of intramolecular conductivity in three dimensional molecular solids. <i>Chemical Science</i> , 2019, 10, 9339-9344.	3.7	7
27	Permethylated Introduces Destructive Quantum Interference in Saturated Silanes. <i>Journal of the American Chemical Society</i> , 2019, 141, 15471-15476.	6.6	28
28	Enhanced coupling through π -stacking in imidazole-based molecular junctions. <i>Chemical Science</i> , 2019, 10, 9998-10002.	3.7	38
29	Directing isomerization reactions of cumulenes with electric fields. <i>Nature Communications</i> , 2019, 10, 4482.	5.8	97
30	Determination of the structure and geometry of N-heterocyclic carbenes on Au(111) using high-resolution spectroscopy. <i>Chemical Science</i> , 2019, 10, 930-935.	3.7	64
31	Abbildung des Orbitals des ungepaarten Elektrons in einem stabilen, organischen Radikal anhand seiner Kondo-Resonanz. <i>Angewandte Chemie</i> , 2019, 131, 11179-11183.	1.6	1
32	In Situ Coupling of Single Molecules Driven by Gold-Catalyzed Electrooxidation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16008-16012.	7.2	23
33	Resolving the Unpaired-Electron Orbital Distribution in a Stable Organic Radical by Kondo Resonance Mapping. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11063-11067.	7.2	27
34	The Environment-Dependent Behavior of the Blatter Radical at the Metal-Molecule Interface. <i>Nano Letters</i> , 2019, 19, 2543-2548.	4.5	54
35	Non-chemisorbed gold-sulfur binding prevails in self-assembled monolayers. <i>Nature Chemistry</i> , 2019, 11, 351-358.	6.6	202
36	Breaking Down Resonance: Nonlinear Transport and the Breakdown of Coherent Tunneling Models in Single Molecule Junctions. <i>Nano Letters</i> , 2019, 19, 2555-2561.	4.5	32

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37	Probing Charge Transport through Peptide Bonds. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 763-767.	2.1	38
38	Electronic and mechanical characteristics of stacked dimer molecular junctions. <i>Nanoscale</i> , 2018, 10, 3362-3368.	2.8	62
39	Tuning ultrafast electron injection dynamics at organic-graphene/metal interfaces. <i>Nanoscale</i> , 2018, 10, 8014-8022.	2.8	4
40	Resonant Transport in Single Diketopyrrolopyrrole Junctions. <i>Journal of the American Chemical Society</i> , 2018, 140, 13167-13170.	6.6	50
41	Large Variations in the Single-Molecule Conductance of Cyclic and Bicyclic Silanes. <i>Journal of the American Chemical Society</i> , 2018, 140, 15080-15088.	6.6	27
42	Near Length-Independent Conductance in Polymethine Molecular Wires. <i>Nano Letters</i> , 2018, 18, 6387-6391.	4.5	45
43	In Situ Formation of N-Heterocyclic Carbene-Bound Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2018, 140, 8944-8949.	6.6	54
44	Comprehensive suppression of single-molecule conductance using destructive π -interference. <i>Nature</i> , 2018, 558, 415-419.	13.7	256
45	Too Hot for Photon-Assisted Transport: Hot-Electrons Dominate Conductance Enhancement in Illuminated Single-Molecule Junctions. <i>Nano Letters</i> , 2017, 17, 1255-1261.	4.5	44
46	Tuning the polarity of charge carriers using electron deficient thiophenes. <i>Chemical Science</i> , 2017, 8, 3254-3259.	3.7	23
47	The Influence of Linkers on Quantum Interference: A Linker Theorem. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14451-14462.	1.5	33
48	Preface: Special Topic on Frontiers in Molecular Scale Electronics. <i>Journal of Chemical Physics</i> , 2017, 146, .	1.2	13
49	Silane and Germane Molecular Electronics. <i>Accounts of Chemical Research</i> , 2017, 50, 1088-1095.	7.6	96
50	Reversible on-surface wiring of resistive circuits. <i>Chemical Science</i> , 2017, 8, 4340-4346.	3.7	5
51	Temperature dependent tunneling conductance of single molecule junctions. <i>Journal of Chemical Physics</i> , 2017, 146, .	1.2	23
52	A reversible single-molecule switch based on activated antiaromaticity. <i>Science Advances</i> , 2017, 3, eaao2615.	4.7	94
53	Electronically Transparent Au π -N Bonds for Molecular Junctions. <i>Journal of the American Chemical Society</i> , 2017, 139, 14845-14848.	6.6	76
54	Silver Makes Better Electrical Contacts to Thiol-Terminated Silanes than Gold. <i>Angewandte Chemie</i> , 2017, 129, 14333-14336.	1.6	2

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55	Silver Makes Better Electrical Contacts to Thiol-Terminated Silanes than Gold. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14145-14148.	7.2	19
56	Room-temperature current blockade in atomically defined single-cluster junctions. <i>Nature Nanotechnology</i> , 2017, 12, 1050-1054.	15.6	75
57	Extreme Conductance Suppression in Molecular Siloxanes. <i>Journal of the American Chemical Society</i> , 2017, 139, 10212-10215.	6.6	33
58	The Role of Through-Space Interactions in Modulating Constructive and Destructive Interference Effects in Benzene. <i>Nano Letters</i> , 2017, 17, 4436-4442.	4.5	41
59	Solvent-dependent conductance decay constants in single cluster junctions. <i>Chemical Science</i> , 2016, 7, 2701-2705.	3.7	31
60	Conformations of cyclopentasilane stereoisomers control molecular junction conductance. <i>Chemical Science</i> , 2016, 7, 5657-5662.	3.7	24
61	Ultrafast electron injection into photo-excited organic molecules. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22140-22145.	1.3	11
62	Controlling the rectification properties of molecular junctions through molecule-electrode coupling. <i>Nanoscale</i> , 2016, 8, 16357-16362.	2.8	33
63	High-Conductance Pathways in Ring-Strained Disilanes by Way of Direct σ -Si to Au Coordination. <i>Journal of the American Chemical Society</i> , 2016, 138, 11505-11508.	6.6	20
64	Probing the Conductance of the σ -System of Bipyridine Using Destructive Interference. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4825-4829.	2.1	43
65	Mechanism for Si-Si Bond Rupture in Single Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2016, 138, 16159-16164.	6.6	29
66	Chemical principles of single-molecule electronics. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	442
67	Mapping the Transmission Functions of Single-Molecule Junctions. <i>Nano Letters</i> , 2016, 16, 3949-3954.	4.5	58
68	Tuning Conductance in Single-Molecule Wires. <i>Journal of the American Chemical Society</i> , 2016, 138, 7791-7795.	6.6	27
69	Structure-function relationships in single molecule rectification by N-phenylbenzamide derivatives. <i>New Journal of Chemistry</i> , 2016, 40, 7373-7378.	1.4	7
70	Structure-Property Relationships in Atomic-Scale Junctions: Histograms and Beyond. <i>Accounts of Chemical Research</i> , 2016, 49, 452-460.	7.6	65
71	Impact of Electrode Density of States on Transport through Pyridine-Linked Single Molecule Junctions. <i>Nano Letters</i> , 2015, 15, 3716-3722.	4.5	68
72	Flicker Noise as a Probe of Electronic Interaction at Metal-Single Molecule Interfaces. <i>Nano Letters</i> , 2015, 15, 4143-4149.	4.5	109

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73	Single-molecule diodes with high rectification ratios through environmental control. <i>Nature Nanotechnology</i> , 2015, 10, 522-527.	15.6	360
74	Stereoelectronic switching in single-molecule junctions. <i>Nature Chemistry</i> , 2015, 7, 215-220.	6.6	176
75	Electric Field Breakdown in Single Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2015, 137, 5028-5033.	6.6	67
76	Computational Study of Amino Mediated Molecular Interaction Evidenced in N 1s NEXAFS: 1,4-Diaminobenzene on Au (111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 1988-1995.	1.5	9
77	Molecular wires. <i>Chemical Society Reviews</i> , 2015, 44, 842-844.	18.7	50
78	Molecular length dictates the nature of charge carriers in single-molecule junctions of oxidized oligothiophenes. <i>Nature Chemistry</i> , 2015, 7, 209-214.	6.6	147
79	Adsorption-Induced Solvent-Based Electrostatic Gating of Charge Transport through Molecular Junctions. <i>Nano Letters</i> , 2015, 15, 4498-4503.	4.5	34
80	Reply to "Comment on "Breakdown of Interference Rules in Azulene, a Nonalternant Hydrocarbon" Nano Letters, 2015, 15, 7177-7178.	4.5	14
81	Computational Design of Intrinsic Molecular Rectifiers Based on Asymmetric Functionalization of <i>N</i> -Phenylbenzamide. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 5888-5896.	2.3	34
82	Single-Molecule Conductance in Atomically Precise Germanium Wires. <i>Journal of the American Chemical Society</i> , 2015, 137, 12400-12405.	6.6	43
83	Ultrafast Bidirectional Charge Transport and Electron Decoherence at Molecule/Surface Interfaces: A Comparison of Gold, Graphene, and Graphene Nanoribbon Surfaces. <i>Nano Letters</i> , 2015, 15, 8316-8321.	4.5	17
84	Molecular electronics: general discussion. <i>Faraday Discussions</i> , 2014, 174, 125-151.	1.6	4
85	Molecular diodes enabled by quantum interference. <i>Faraday Discussions</i> , 2014, 174, 79-89.	1.6	29
86	Tunable Charge Transport in Single-Molecule Junctions via Electrolytic Gating. <i>Nano Letters</i> , 2014, 14, 1400-1404.	4.5	107
87	Probing the mechanism for graphene nanoribbon formation on gold surfaces through X-ray spectroscopy. <i>Chemical Science</i> , 2014, 5, 4419-4423.	3.7	81
88	Evaluating atomic components in fluorene wires. <i>Chemical Science</i> , 2014, 5, 1561.	3.7	38
89	Control of Single-Molecule Junction Conductance of Porphyrins via a Transition-Metal Center. <i>Nano Letters</i> , 2014, 14, 5365-5370.	4.5	83
90	Trimethyltin-Mediated Covalent Gold-Carbon Bond Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 12556-12559.	6.6	25

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91	Aromaticity Decreases Single-Molecule Junction Conductance.. Journal of the American Chemical Society, 2014, 136, 918-920.	6.6	136
92	Determination of Energy Level Alignment and Coupling Strength in 4,4'-Bipyridine Single-Molecule Junctions. Nano Letters, 2014, 14, 794-798.	4.5	112
93	Length-Dependent Conductance of Oligothiophenes. Journal of the American Chemical Society, 2014, 136, 10486-10492.	6.6	127
94	Charge transport and rectification in molecular junctions formed with carbon-based electrodes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10928-10932.	3.3	95
95	Quantitative Bond Energetics in Atomic-Scale Junctions. ACS Nano, 2014, 8, 7522-7530.	7.3	17
96	Breakdown of Interference Rules in Azulene, a Nonalternant Hydrocarbon. Nano Letters, 2014, 14, 2941-2945.	4.5	113
97	Ultrafast Charge Transfer through Noncovalent Au-N Interactions in Molecular Systems. Journal of Physical Chemistry C, 2013, 117, 16477-16482.	1.5	36
98	Length-Dependent Thermopower of Highly Conducting Au-C Bonded Single Molecule Junctions. Nano Letters, 2013, 13, 2889-2894.	4.5	125
99	Impact of Molecular Symmetry on Single-Molecule Conductance. Journal of the American Chemical Society, 2013, 135, 11724-11727.	6.6	57
100	Tuning Rectification in Single-Molecular Diodes. Nano Letters, 2013, 13, 6233-6237.	4.5	169
101	Silicon Ring Strain Creates High-Conductance Pathways in Single-Molecule Circuits. Journal of the American Chemical Society, 2013, 135, 18331-18334.	6.6	42
102	Correlating Structure, Conductance, and Mechanics of Silver Atomic-Scale Contacts. ACS Nano, 2013, 7, 3706-3712.	7.3	51
103	Simultaneous Measurement of Force and Conductance Across Single Molecule Junctions. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 75-84.	0.3	0
104	Single-molecule junctions beyond electronic transport. Nature Nanotechnology, 2013, 8, 399-410.	15.6	725
105	Conductance of Molecular Junctions Formed with Silver Electrodes. Nano Letters, 2013, 13, 3358-3364.	4.5	86
106	Transport properties of individual C60-molecules. Journal of Chemical Physics, 2013, 139, 234701.	1.2	27
107	Importance of Direct Metal-Fe Coupling in Electronic Transport Through Conjugated Single-Molecule Junctions. Journal of the American Chemical Society, 2012, 134, 20440-20445.	6.6	77
108	InnenrÄ¼cktitelbild: Quantum Soldering of Individual Quantum Dots (Angew. Chem. 50/2012). Angewandte Chemie, 2012, 124, 12797-12797.	1.6	0

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109	Quantum Soldering of Individual Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12473-12476.	7.2	37
110	Electronic transport and mechanical stability of carboxyl linked single-molecule junctions. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13841.	1.3	48
111	Quantitative Current-Voltage Characteristics in Molecular Junctions from First Principles. <i>Nano Letters</i> , 2012, 12, 6250-6254.	4.5	72
112	Conductive Molecular Silicon. <i>Journal of the American Chemical Society</i> , 2012, 134, 4541-4544.	6.6	91
113	Dissecting Contact Mechanics from Quantum Interference in Single-Molecule Junctions of Stilbene Derivatives. <i>Nano Letters</i> , 2012, 12, 1643-1647.	4.5	161
114	Linker Dependent Bond Rupture Force Measurements in Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2012, 134, 4003-4006.	6.6	121
115	Van der Waals interactions at metal/organic interfaces at the single-molecule level. <i>Nature Materials</i> , 2012, 11, 872-876.	13.3	181
116	Probing the conductance superposition law in single-molecule circuits with parallel paths. <i>Nature Nanotechnology</i> , 2012, 7, 663-667.	15.6	302
117	Quantifying through-space charge transfer dynamics in π -coupled molecular systems. <i>Nature Communications</i> , 2012, 3, 1086.	5.8	108
118	Simultaneous Determination of Conductance and Thermopower of Single Molecule Junctions. <i>Nano Letters</i> , 2012, 12, 354-358.	4.5	251
119	Correlation Analysis of Atomic and Single-Molecule Junction Conductance. <i>ACS Nano</i> , 2012, 6, 3411-3423.	7.3	80
120	Structure and Energy Level Alignment of Tetramethyl Benzenediamine on Au(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 12625-12630.	1.5	10
121	Mechanics and Chemistry: Single Molecule Bond Rupture Forces Correlate with Molecular Backbone Structure. <i>Nano Letters</i> , 2011, 11, 1518-1523.	4.5	129
122	Conductance of Single Cobalt Chalcogenide Cluster Junctions. <i>Journal of the American Chemical Society</i> , 2011, 133, 8455-8457.	6.6	41
123	Environmental Control of Single-Molecule Junction Transport. <i>Nano Letters</i> , 2011, 11, 1988-1992.	4.5	103
124	Single-Molecule Conductance through Multiple π -Stacked Benzene Rings Determined with Direct Electrode-to-Benzene Ring Connections. <i>Journal of the American Chemical Society</i> , 2011, 133, 2136-2139.	6.6	176
125	A Single-Molecule Potentiometer. <i>Nano Letters</i> , 2011, 11, 1575-1579.	4.5	111
126	Highly Conducting π -Conjugated Molecular Junctions Covalently Bonded to Gold Electrodes. <i>Journal of the American Chemical Society</i> , 2011, 133, 17160-17163.	6.6	169

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127	In situ formation of highly conducting covalent Au-C contacts for single-molecule junctions. <i>Nature Nanotechnology</i> , 2011, 6, 353-357.	15.6	235
128	Relating Energy Level Alignment and Amine-Linked Single Molecule Junction Conductance. <i>Nano Letters</i> , 2010, 10, 2470-2474.	4.5	95
129	Reliable Formation of Single Molecule Junctions with Air-Stable Diphenylphosphine Linkers. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2114-2119.	2.1	38
130	Conductance and Geometry of Pyridine-Linked Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2010, 132, 6817-6821.	6.6	186
131	The Electrical Properties of Biphenylenes. <i>Organic Letters</i> , 2010, 12, 4114-4117.	2.4	34
132	Formation and Evolution of Single-Molecule Junctions. <i>Physical Review Letters</i> , 2009, 102, 126803.	2.9	231
133	Measurement of voltage-dependent electronic transport across amine-linked single-molecular-wire junctions. <i>Nanotechnology</i> , 2009, 20, 434009.	1.3	43
134	Mechanically controlled binary conductance switching of a single-molecule junction. <i>Nature Nanotechnology</i> , 2009, 4, 230-234.	15.6	609
135	Frustrated Rotations in Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2009, 131, 10820-10821.	6.6	89
136	Seeing is believing. <i>Nature Nanotechnology</i> , 2008, 3, 187-188.	15.6	21
137	Molecule Nanoelectronics. <i>International Power Modulator Symposium and High-Voltage Workshop</i> , 2008, , .	0.0	0
138	Amine-linked single-molecule circuits: systematic trends across molecular families. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 374115.	0.7	95
139	Benzene provides the missing link in molecular junctions. <i>Physics Magazine</i> , 2008, 1, .	0.1	2
140	Contact Chemistry and Single-Molecule Conductance: A Comparison of Phosphines, Methyl Sulfides, and Amines. <i>Journal of the American Chemical Society</i> , 2007, 129, 15768-15769.	6.6	352
141	Single-Molecule Junction Conductance through Diaminoacenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 6714-6715.	6.6	76
142	Efficacy of Au-Au Contacts for Scanning Tunneling Microscopy Molecular Conductance Measurements. <i>Journal of Physical Chemistry C</i> , 2007, 111, 17635-17639.	1.5	25
143	Oxidation Potentials Correlate with Conductivities of Aromatic Molecular Wires. <i>Journal of the American Chemical Society</i> , 2007, 129, 12376-12377.	6.6	58
144	Amine-Gold Linked Single-Molecule Circuits: Experiment and Theory. <i>Nano Letters</i> , 2007, 7, 3477-3482.	4.5	447

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145	Electronics and Chemistry: Varying Single-Molecule Junction Conductance Using Chemical Substituents. Nano Letters, 2007, 7, 502-506.	4.5	306
146	Single-Molecule Circuits with Well-Defined Molecular Conductance. Nano Letters, 2006, 6, 458-462.	4.5	734
147	Variability of Conductance in Molecular Junctions. Journal of Physical Chemistry B, 2006, 110, 2462-2466.	1.2	189
148	Dependence of single-molecule junction conductance on molecular conformation. Nature, 2006, 442, 904-907.	13.7	1,253
149	Electron Transport in a Multichannel One-Dimensional Conductor: Molybdenum Selenide Nanowires. Physical Review Letters, 2006, 96, 076601.	2.9	118
150	Molybdenum Selenide Molecular Wires as One-Dimensional Conductors. Physical Review Letters, 1999, 83, 5334-5337.	2.9	105
151	Monte Carlo simulation of energy dissipation of recombining hydrogen in a maze. Journal of Low Temperature Physics, 1995, 101, 739-742.	0.6	0
152	Symmetry properties of chiral carbon nanotubes. Physical Review B, 1995, 51, 11176-11179.	1.1	49
153	Phonon modes in carbon nanotubes. Chemical Physics Letters, 1993, 209, 77-82.	1.2	407
154	Quantum Transport Properties of Pi-Conjugated Linear Molecular Junctions. , 0, , .		0
155	Quantum Transport Properties of Pi-Conjugated Linear Molecular Junctions. , 0, , .		0