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Anisotropic Conductivity at the Single-Molecule Scale

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15	Probing Molecular Nanostructures of Aromatic Terephthalic Acids Triggered by Intermolecular Hydrogen Bonds and Electrochemical Potential. <i>Langmuir</i> , 2019 , 35, 13259-13267	4	3
14	Improving Gating Efficiency of Electron Transport through Redox-Active Molecular Junctions with Conjugated Chains. <i>ChemElectroChem</i> , 2020 , 7, 1337-1341	4.3	8
13	Single-Molecule Sensing of Interfacial Acid-Base Chemistry. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 10023-10028	6.4	11
12	Modulating electron transport through single-molecule junctions by heteroatom substitution. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 6826-6831	7.1	10
11	Combined Impact of Denticity and Orientation on Molecular-Scale Charge Transport. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 9460-9469	3.8	1
10	Environmental Control of Single-Molecule Junction Evolution and Conductance: A Case Study of Expanded Pyridinium Wiring. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4732-4739	16.4	3
9	Environmental Control of Single-Molecule Junction Evolution and Conductance: A Case Study of Expanded Pyridinium Wiring. <i>Angewandte Chemie</i> , 2021 , 133, 4782-4789	3.6	0
8	Anisotropic Electrical Conductivity of Oxygen-Deficient Tungsten Oxide Films with Epitaxially Stabilized 1D Atomic Defect Tunnels. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 6864-6869	9.5	2
7	z-Piezo Pulse-Modulated STM Break Junction: Toward Single-Molecule Rectifiers with Dissimilar Metal Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8656-8663	9.5	5
6	Revealing Supramolecular Interactions and Electron Transport in Single Molecular Junctions of Cucurbit[n]uril. <i>Advanced Electronic Materials</i> , 2021 , 7, 2100399	6.4	2
5	Single Dynamic Covalent Bond Tailored Responsive Molecular Junctions. <i>Angewandte Chemie</i> , 2021 , 133, 21040-21046	3.6	
4	Single Dynamic Covalent Bond Tailored Responsive Molecular Junctions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20872-20878	16.4	3
3	Substituent-mediated quantum interference toward a giant single-molecule conductance variation. <i>Nanotechnology</i> , 2021 , 33,	3.4	1
2	Influence of a Coordinated Metal Center on Charge Transport through a Series of Porphyrin Molecular Junctions. <i>Journal of Physical Chemistry C</i> ,	3.8	2
1	Break-junction measurements at electrochemical interface: From electron transport to molecular adsorption and reaction process. 2023 , 39, 101279		0