

Making molecular machines work

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Photochemistry of chromophore-functionalized gold nanoparticles. <i>Pure and Applied Chemistry</i> , 2002, 74, 1731-1738.	0.9	41
5	<i>Molecular Machines</i> , 2004, , 1-8.		0
6	Electron transport in molecular junctions. <i>Nature Nanotechnology</i> , 2006, 1, 173-181.	15.6	1,220
7	Adiabatic operation of a molecular machine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19715-19718.	3.3	86
8	Cooperative light-induced molecular movements of highly ordered azobenzene self-assembled monolayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9937-9942.	3.3	273
9	Investigating the motion of molecular machines on surfaces by STM: The nanocar and beyond. , 2007, , .		12
10	The Art of Building Small: From Molecular Switches to Molecular Motors. <i>Journal of Organic Chemistry</i> , 2007, 72, 6635-6652.	1.7	462
11	Atomistic Force Field for Azobenzene Compounds Adapted for QM/MM Simulations with Applications to Liquids and Liquid Crystals. <i>Journal of Chemical Theory and Computation</i> , 2007, 3, 1789-1802.	2.3	55
12	Symmetry relations for trajectories of a Brownian motor. <i>Physical Review E</i> , 2007, 76, 020102.	0.8	14
13	A Redox-Driven Multicomponent Molecular Shuttle. <i>Journal of the American Chemical Society</i> , 2007, 129, 12159-12171.	6.6	180
14	The isolation and photochemistry of individual atropisomers of photochromic diarylethenes. <i>Chemical Communications</i> , 2007, , 1745.	2.2	58
15	Motor Proteins at Work for Nanotechnology. <i>Science</i> , 2007, 317, 333-336.	6.0	507
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19	Design principles for Brownian molecular machines: how to swim in molasses and walk in a hurricane. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 5067.	1.3	224
20	Novel photoswitchable rotaxanes. <i>Chemical Communications</i> , 2007, , 3094-3096.	2.2	35
21	Teaching hydrogels how to move like an earthworm. <i>Soft Matter</i> , 2007, 3, 939.	1.2	33

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23	Toward Mechanical Switching of Surface-Adsorbed [2]Catenane by in Situ Copper Complexation. <i>Journal of the American Chemical Society</i> , 2007, 129, 15662-15667.	6.6	41
24	Reconfigurable Four-Component Molecular Switch Based on pH-Controlled Guest Swapping. <i>Organic Letters</i> , 2007, 9, 2349-2352.	2.4	50
25	Structural and Co-conformational Effects of Alkyne-Derived Subunits in Charged Donor-acceptor [2]Catenanes. <i>Journal of the American Chemical Society</i> , 2007, 129, 8236-8246.	6.6	86
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