

# Enhanced thermoelectric performance of rough silicon

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Citation Report

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1089	Electrochemical characteristics of bundle-type silicon nanorods as an anode material for lithium ion batteries. <i>Electrochimica Acta</i> , 2012, 74, 53-58.	2.6	46
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1092	Confinement-induced carrier mobility increase in nanowires by quantization of warped bands. <i>Solid-State Electronics</i> , 2012, 70, 81-91.	0.8	8
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1094	Power output and efficiency of quantum dot attached to ferromagnetic electrodes with non-collinear magnetic moments. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 1516-1522.	1.0	9
1095	Improved Vertical Silicon Nanowire Based Thermoelectric Power Generator With Polyimide Filling. <i>IEEE Electron Device Letters</i> , 2012, 33, 715-717.	2.2	60
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1097	Functionalization of silicon nanowire surfaces with metal-organic frameworks. <i>Nano Research</i> , 2012, 5, 109-116.	5.8	63
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1101	Active control of thermal transport in molecular spin valves. <i>Physical Review B</i> , 2013, 88, .	1.1	5
1102	Enhanced thermopower and thermoelectric performance through energy filtering of carriers in (Bi <sub>2</sub> Te <sub>3</sub> ) <sub>0.2</sub> (Sb <sub>2</sub> Te <sub>3</sub> ) <sub>0.8</sub> bulk alloy embedded with amorphous SiO <sub>2</sub> nanoparticles. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	91
1103	Lossless hybridization between photovoltaic and thermoelectric devices. <i>Scientific Reports</i> , 2013, 3, 2123.	1.6	109
1104	Review on measurement techniques of transport properties of nanowires. <i>Nanoscale</i> , 2013, 5, 11526.	2.8	91
1105	Silicon Nanowires for Biosensing, Energy Storage, and Conversion. <i>Advanced Materials</i> , 2013, 25, 5177-5195.	11.1	158

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1107	Thermoelectric and thermospin switch realized by a three-terminal nanojunction. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	4
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