

Soobeom Lee

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Rashba spin-orbit system using a silicon metal-oxide semiconductor. Nature Materials, 2021, 20, 1228-1232.	27.5	11
2	Over 1% magnetoresistance ratio at room temperature in non-degenerate silicon-based lateral spin valves. Applied Physics Express, 2020, 13, 083002.	2.4	10
3	Investigation of gating effect in Si spin MOSFET. Applied Physics Letters, 2020, 116, .	3.3	8
4	Gate-Tunable Spin xor Operation in a Silicon-Based Device at Room Temperature. Physical Review Applied, 2020, 13, .	3.8	7
5	Quantitative and systematic analysis of bias dependence of spin accumulation voltage in a nondegenerate Si-based spin valve. Physical Review B, 2019, 99, .	3.2	14
6	Stability of spin XOR gate operation in silicon based lateral spin device with large variations in spin transport parameters. AIP Advances, 2019, 9, 125326.	1.3	3
7	Investigation of spin scattering mechanism in silicon channels of Fe/MgO/Si lateral spin valves. Applied Physics Letters, 2017, 110, 192401.	3.3	10