

Masahiro Hori

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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citations

1684188

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h-index

1720034

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11
all docs

11
docs citations

11
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of arsenic donor electrons using gate-pulse-induced spin-dependent recombination in silicon transistors. Applied Physics Letters, 2021, 118, 263504.	3.3	0
2	Critical conductance of two-dimensional electron gas in silicon-on-insulator metal-oxide-semiconductor field-effect transistor. Applied Physics Express, 2021, 14, 104003.	2.4	0
3	Charge Pumping Under Spin Resonance in Si Applied, 2019, 11, .	3.8	13
4	Electron aspirator using electron scattering in nanoscale silicon. Nature Communications, 2018, 9, 4813.	12.8	5
5	Detection and Characterization of Single Near-Interface Oxide Traps with the Charge Pumping Method. , 2018, , .		0
6	Single-electron quantization at room temperature in a-few-donor quantum dot in silicon nano-transistors. Applied Physics Letters, 2017, 110, .	3.3	22
7	Improvement of charge-pumping electrically detected magnetic resonance and its application to silicon metal-oxide-semiconductor field-effect transistor. Applied Physics Express, 2017, 10, 015701.	2.4	5
8	Charge pumping EDMR towards charge/spin manipulation in silicon at room temperature. , 2016, , .		0
9	Electrical activation and electron spin resonance measurements of arsenic implanted in silicon. Applied Physics Letters, 2015, 106, 142105.	3.3	5
10	Direct observation of electron emission and recombination processes by time domain measurements of charge pumping current. Applied Physics Letters, 2015, 106, .	3.3	10
11	Analysis of electron capture process in charge pumping sequence using time domain measurements. Applied Physics Letters, 2014, 105, 261602.	3.3	17