

Matthew Grupen

List of Publications by Year in descending order

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5
papers

63
citations

1937685

4
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducing GaN HEMT Kink Effect by Simulating Field-Enhanced Barrier Defect Ionization. IEEE Transactions on Electron Devices, 2019, 66, 3777-3783.	3.0	21
2	Energy transport model with full band structure for GaAs electronic devices. Journal of Computational Electronics, 2011, 10, 271-290.	2.5	16
3	An alternative treatment of heat flow for charge transport in semiconductor devices. Journal of Applied Physics, 2009, 106, .	2.5	12
4	Three-Dimensional Full-Wave Electromagnetics and Nonlinear Hot Electron Transport With Electronic Band Structure for High-Speed Semiconductor Device Simulation. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 2868-2877.	4.6	10
5	GaN High Electron Mobility Transistor Simulations With Full Wave and Hot Electron Effects. IEEE Transactions on Electron Devices, 2016, , 1-7.	3.0	4