

# Satofumi Souma

## List of Publications by Year in descending order

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7  
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1937685

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#	ARTICLE	IF	CITATIONS
1	An interface trap charge model for simulation of graphene-based synaptic field effect transistors. Journal of Applied Physics, 2022, 131, .	2.5	4
2	Transient performance analysis of graphene FET gated via ionic solid by numerical simulations based on tight-binding method and Nernst-Planck-Poisson equations. Journal of Applied Physics, 2021, 130, .	2.5	4
3	Impact of electron-phonon scattering on the strain-induced current-blocking effect in graphene field-effect transistors. Journal of Applied Physics, 2020, 127, .	2.5	4
4	Effect of lateral strain on gate induced control of electrical conduction in single layer graphene device. Journal of Computational Electronics, 2013, 12, 170-174.	2.5	16
5	Parity induced edge-current saturation and current distribution in zigzag-edged graphene nano-ribbon devices. Journal of Computational Electronics, 2011, 10, 35-43.	2.5	2
6	Effect of interface structure on current spin-polarization in narrow gap semiconductor heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 2718-2721.	2.7	1
7	Numerical simulation of electronic transport in zigzag-edged graphene nano-ribbon devices. Journal of Computational Electronics, 2008, 7, 390-393.	2.5	16