

# Tomoyuki Nakano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3801110/publications.pdf>

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papers

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1684188  
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72  
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#	ARTICLE	IF	CITATIONS
1	Thomson scattering diagnostics of SF <sub>6</sub> gas-blasted arcs confined by a nozzle under free-recovery conditions. Journal Physics D: Applied Physics, 2015, 48, 265201.	2.8	26
2	The LTE Thermofluid Simulation of Ar/SF <sub>6</sub> Gas-Blast Arcs in a Nozzle Space in an Arc Device. IEEJ Transactions on Power and Energy, 2016, 136, 741-748.	0.2	10
3	Spatial-filter-installed Shack-Hartmann sensor for two-dimensional electron density visualization of SF <sub>6</sub> arc discharge under strong turbulent flow. Journal Physics D: Applied Physics, 2018, 51, 345203.	2.8	8
4	Evaluation of arc quenching characteristics of various gases using power semiconductors. Journal Physics D: Applied Physics, 2017, 50, 485602.	2.8	7
5	Numerical Simulation on Dynamics and Thermal Decomposition of Spallation Polymer Particles Flying in Polymer Ablated Arcs. IEEJ Transactions on Power and Energy, 2015, 135, 681-687.	0.2	7
6	Evaluation on current interruption ability of CO <sub>2</sub> and SF <sub>6</sub> using current and voltage application highly controlled by power semiconductors. , 2015, , .		6
7	Thermal re-ignition processes of switching arcs with various gas-blast using voltage application highly controlled by powersemiconductors. Journal Physics D: Applied Physics, 2018, 51, 215202.	2.8	5
8	Fundamental Investigation Technique on Gas-blast Arc Behaviors in Decaying and Re-ignition Processes using Power Semiconductors. IEEJ Transactions on Power and Energy, 2015, 135, 661-668.	0.2	5
9	Spallation occurrence from polyamide materials irradiated by thermal plasma with water absorption. Journal Physics D: Applied Physics, 2016, 49, 385501.	2.8	2