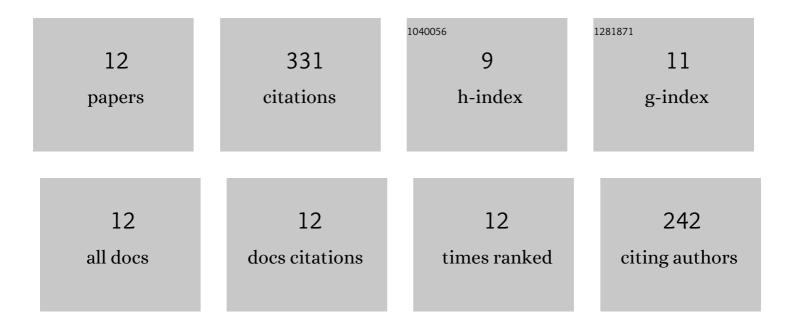
## Gento Yamahata

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3431716/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Understanding the mechanism of tunable-barrier single-electron pumping: Mechanism crossover and optimal accuracy. Physical Review B, 2021, 103, .	3.2	5
2	Directly Comparing the Current from Two Electron Pumps. , 2020, , .		1
3	Realisation of a quantum current standard at liquid helium temperature with sub-ppm reproducibility. Metrologia, 2020, 57, 025013.	1.2	23
4	Evidence for universality of tunable-barrier electron pumps. Metrologia, 2019, 56, 044004.	1.2	40
5	Picosecond coherent electron motion in a silicon single-electron source. Nature Nanotechnology, 2019, 14, 1019-1023.	31.5	29
6	Measurement of the curvature and height of the potential barrier for a dynamic quantum dot. Applied Physics Letters, 2019, 115, .	3.3	4
7	High-accuracy current generation in the nanoampere regime from a silicon single-trap electron pump. Scientific Reports, 2017, 7, 45137.	3.3	34
8	Gigahertz single-electron pumping in silicon with an accuracy better than 9.2 parts in 107. Applied Physics Letters, 2016, 109, .	3.3	57
9	Gigahertz single-hole transfer in Si tunable-barrier pumps. Applied Physics Letters, 2015, 106, .	3.3	16
10	Accuracy evaluation and mechanism crossover of single-electron transfer in Si tunable-barrier turnstiles. Physical Review B, 2014, 89, .	3.2	26
11	Gigahertz single-trap electron pumps in silicon. Nature Communications, 2014, 5, 5038.	12.8	59
12	Accuracy evaluation of single-electron shuttle transfer in Si nanowire metal-oxide-semiconductor field-effect transistors. Applied Physics Letters, 2011, 98, .	3.3	37