

Tomonari Suzuyama

List of Publications by Year in descending order

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docs citations

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218
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Absolute Frequency Measurement of the ^{171}Yb Optical Lattice Clock towards a Candidate for the Redefinition of the Second. Applied Physics Express, 2012, 5, 102401.	2.4	61
2	Spectroscopy and frequency measurement of the ^{87}Sr clock transition by laser linewidth transfer using an optical frequency comb. Applied Physics Express, 2014, 7, 012401.	2.4	44
3	Precise Frequency Comparison System Using Bidirectional Optical Amplifiers. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 631-640.	4.7	34
4	Improved Frequency Measurement of the $^{1}\text{S}_{0}$ \leftrightarrow $^{3}\text{P}_{0}$ Clock Transition in ^{87}Sr Using a Cs Fountain Clock as a Transfer Oscillator. Journal of the Physical Society of Japan, 2015, 84, 115002.	1.6	26
5	Simple Time and Frequency Dissemination Method Using Optical Fiber Network. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 878-883.	4.7	25
6	Demonstration of the nearly continuous operation of an ^{171}Yb optical lattice clock for half a year. Metrologia, 2020, 57, 065021.	1.2	24
7	Uncertainty Evaluation of an ^{171}Yb Optical Lattice Clock at NMIJ. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 2449-2458.	3.0	17
8	Time and frequency transfer and dissemination methods using optical fiber network. , 0, , .		12
9	Observation Site Atmospheric Phase Fluctuations Observed by Three-Element VLBI. IEEE Transactions on Antennas and Propagation, 2007, 55, 2056-2063.	5.1	6
10	Potential for improving the local realization of coordinated universal time with a convolutional neural network. Review of Scientific Instruments, 2019, 90, 125111.	1.3	5
11	A broadband VLBI system using transportable stations for geodesy and metrology: an alternative approach to the VGOS concept. Journal of Geodesy, 2021, 95, 1.	3.6	5
12	A Precise Frequency Comparison System Using an Optical Carrier. Electronics and Communications in Japan, 2015, 98, 19-27.	0.5	3
13	Optical timing distribution system with femtosecond stability. IEEE Transactions on Electrical and Electronic Engineering, 2012, 7, S187.	1.4	1
14	System for precise dissemination of frequency standard via optical fiber. Electronics and Communications in Japan, 2012, 95, 45-54.	0.5	1
15	Remote Synchronization of Onboard Crystal Oscillator for QZSS Using L1/L2/L5 Signals for Error Adjustment. Frequency Control Symposium and Exhibition, Proceedings of the IEEE International, 2007, , .	0.0	0