

# Tomonari Suzuyama

## List of Publications by Year in descending order

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15  
papers

264  
citations

1307594

7  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

218  
citing authors

#	ARTICLE	IF	CITATIONS
1	A broadband VLBI system using transportable stations for geodesy and metrology: an alternative approach to the VGOS concept. <i>Journal of Geodesy</i> , 2021, 95, 1.	3.6	5
2	Demonstration of the nearly continuous operation of an $^{171}\text{Yb}$ optical lattice clock for half a year. <i>Metrologia</i> , 2020, 57, 065021.	1.2	24
3	Potential for improving the local realization of coordinated universal time with a convolutional neural network. <i>Review of Scientific Instruments</i> , 2019, 90, 125111.	1.3	5
4	Uncertainty Evaluation of an $^{171}\text{Yb}$ Optical Lattice Clock at NMIJ. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2018, 65, 2449-2458.	3.0	17
5	Improved Frequency Measurement of the $^{1S_0} \rightarrow ^3P_0$ Clock Transition in $^{87}\text{Sr}$ Using a Cs Fountain Clock as a Transfer Oscillator. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 115002.	1.6	26
6	A Precise Frequency Comparison System Using an Optical Carrier. <i>Electronics and Communications in Japan</i> , 2015, 98, 19-27.	0.5	3
7	Spectroscopy and frequency measurement of the $^{87}\text{Sr}$ clock transition by laser linewidth transfer using an optical frequency comb. <i>Applied Physics Express</i> , 2014, 7, 012401.	2.4	44
8	Improved Absolute Frequency Measurement of the $^{171}\text{Yb}$ Optical Lattice Clock towards a Candidate for the Redefinition of the Second. <i>Applied Physics Express</i> , 2012, 5, 102401.	2.4	61
9	Optical timing distribution system with femtosecond stability. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2012, 7, S187.	1.4	1
10	System for precise dissemination of frequency standard via optical fiber. <i>Electronics and Communications in Japan</i> , 2012, 95, 45-54.	0.5	1
11	Precise Frequency Comparison System Using Bidirectional Optical Amplifiers. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 631-640.	4.7	34
12	Simple Time and Frequency Dissemination Method Using Optical Fiber Network. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2008, 57, 878-883.	4.7	25
13	Remote Synchronization of Onboard Crystal Oscillator for QZSS Using L1/L2/L5 Signals for Error Adjustment. <i>Frequency Control Symposium and Exhibition, Proceedings of the IEEE International</i> , 2007, , ,	0.0	0
14	Observation Site Atmospheric Phase Fluctuations Observed by Three-Element VLBI. <i>IEEE Transactions on Antennas and Propagation</i> , 2007, 55, 2056-2063.	5.1	6
15	Time and frequency transfer and dissemination methods using optical fiber network. , 0, ,		12