

# Jan Kodet

## List of Publications by Year in descending order

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24  
papers

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citations

1040056  
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996975  
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26  
all docs

26  
docs citations

26  
times ranked

213  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-way time transfer via optical fiber providing subpicosecond precision and high temperature stability. Metrologia, 2016, 53, 18-26.	1.2	48
2	Reconstruction of the Instantaneous Earth Rotation Vector with Sub-Arcsecond Resolution Using a Large Scale Ring Laser Array. Physical Review Letters, 2020, 125, 033605.	7.8	33
3	ROMY: a multicomponent ring laser for geodesy and geophysics. Geophysical Journal International, 2021, 225, 684-698.	2.4	24
4	Measurement of the optical to electrical detection delay in the detector for ground-to-space laser time transfer. Metrologia, 2011, 48, L13-L16.	1.2	22
5	Note: Solid state photon counters with sub-picosecond timing stability. Review of Scientific Instruments, 2013, 84, 046107.	1.3	21
6	Accuracy of two-way time transfer via a single coaxial cable. Metrologia, 2013, 50, 60-65.	1.2	19
7	The Application of Coherent Local Time for Optical Time Transfer and the Quantification of Systematic Errors in Satellite Laser Ranging. Space Science Reviews, 2018, 214, 1.	8.1	16
8	Photon counting detector for space debris laser tracking and lunar laser ranging. Advances in Space Research, 2014, 54, 755-758.	2.6	14
9	Note: Space qualified photon counting detector for laser time transfer with picosecond precision and stability. Review of Scientific Instruments, 2016, 87, 056102.	1.3	12
10	Co-location of space geodetic techniques carried out at the Geodetic Observatory Wettzell using a closure in time and a multi-technique reference target. Journal of Geodesy, 2018, 92, 1097-1112.	3.6	8
11	Note: Space qualified solid state photon counting detector with reduced detection delay temperature drift. Review of Scientific Instruments, 2018, 89, 056106.	1.3	5
12	Photon counting detector package based on InGaAs/InP avalanche structure for laser ranging applications. Review of Scientific Instruments, 2020, 91, 056102.	1.3	4
13	Photon counting receiver for the laser time transfer, optical design, and construction. Proceedings of SPIE, 2011, , .	0.8	3
14	Silicon Based Photon Counting Detector Providing Femtosecond Detection Delay Stability. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-5.	2.9	3
15	Photon Counting Detectors Based on InGaAs/InP for Space Objects Laser Ranging. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-5.	2.9	3
16	Optical two-way timing system for space geodesy applications. , 2016, , .		2
17	Atmospheric refraction and system stability investigations in short-baseline VLBI observations. Journal of Geodesy, 2019, 93, 593-614.	3.6	2
18	VLBI receiver chain monitoring. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Local ties control in application of laser time transfer. , 2013, , .		1
20	Radiation-resistant photon-counting detector package providing sub-ps stability for laser time transfer in space. Journal of Modern Optics, 2015, 62, 1703-1708.	1.3	1
21	Rotation Sensing Lasers in General Relativity: Some Technical Notes and Current Advances. Universe, 2019, 5, 190.	2.5	1
22	Photon counting detector package optimized for laser time transfer with sub-Å-picosecond limiting precision and stability. Proceedings of SPIE, 2017, , .	0.8	0
23	The Application of Coherent Local Time for Optical Time Transfer and the Quantification of Systematic Errors in Satellite Laser Ranging. Space Sciences Series of ISSI, 2017, , 93-110.	0.0	0
24	Advances in high resolution inertial rotation sensing. , 2022, , .		0