

Mamoru Sekido

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

303
citations

1163117

8
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	New bounds on dark matter coupling from a global network of optical atomic clocks. Science Advances, 2018, 4, eaau4869.	10.3	96
2	Evaluation of GPS-based ionospheric TEC map by comparing with VLBI data. Radio Science, 2003, 38, n/a-n/a.	1.6	50
3	The Hitachi and Takahagi 32 m radio telescopes: Upgrade of the antennas from satellite communication to radio astronomy. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	32
4	Intercontinental comparison of optical atomic clocks through very long baseline interferometry. Nature Physics, 2021, 17, 223-227.	16.7	31
5	A VLBI Delay Model for Radio Sources at a Finite Distance. Journal of Geodesy, 2006, 80, 137-149.	3.6	18
6	WIDE-BAND SPECTRA OF GIANT RADIO PULSES FROM THE CRAB PULSAR. Astrophysical Journal, 2016, 832, 212.	4.5	14
7	Enhanced x-ray emission coinciding with giant radio pulses from the Crab Pulsar. Science, 2021, 372, 187-190.	12.6	13
8	Observation level combination of SLR and VLBI with c5++: A case study for TIGO. Advances in Space Research, 2014, 53, 119-129.	2.6	8
9	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
10	Astrometric VLBI Observation of PSR 0329+54. Publication of the Astronomical Society of Japan, 1999, 51, 595-601.	2.5	7
11	Multi-frequency radio observations of the radio-loud magnetar XTE J1810 \hat{a} 197. Publication of the Astronomical Society of Japan, 2021, 73, 1563-1574.	2.5	6
12	Very Long Baseline Interferometry Experiment on Giant Radio Pulses of Crab Pulsar toward Fast Radio Burst Detection. Publications of the Astronomical Society of the Pacific, 2016, 128, 084502.	3.1	5
13	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
14	Evaluation of differential VLBI phase delay observable for spacecraft navigation - 9VLBI observation of Hayabusa at touchdown to ITOKAWA -. , 2007, , .		4
15	High-order Sampling Techniques of Aliased Signals for Very Long Baseline Interferometry. Publications of the Astronomical Society of the Pacific, 2012, 124, 1105-1112.	3.1	4
16	Development of Wideband Antennas. International Association of Geodesy Symposia, 2018, , 25-28.	0.4	2
17	Impact of Pulsar Giant Pulses on Distant Clocks Comparison. Proceedings of the International Astronomical Union, 2009, 5, 232-232.	0.0	0