

Peter Zweifel

List of Publications by Year in descending order

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11
papers

1,391
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-Femto- g Free Fall for Space-Based Gravitational Wave Observatories: LISA Pathfinder Results. Physical Review Letters, 2016, 116, 231101.	7.8	454
2	SEIS: InSight's Seismic Experiment for Internal Structure of Mars. Space Science Reviews, 2019, 215, 12.	8.1	238
3	Beyond the Required LISA Free-Fall Performance: New LISA Pathfinder Results down to $20 \times 10^{-14} g$. Physical Review Letters, 2018, 120, 061101.	7.8	233
4	Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data. Nature Geoscience, 2020, 13, 213-220.	12.9	207
5	The LISA Pathfinder mission. Classical and Quantum Gravity, 2012, 29, 124014.	4.0	71
6	LISA Pathfinder: mission and status. Classical and Quantum Gravity, 2011, 28, 094001.	4.0	58
7	From laboratory experiments to LISA Pathfinder: achieving LISA geodesic motion. Classical and Quantum Gravity, 2011, 28, 094002.	4.0	55
8	Capacitive sensing of test mass motion with nanometer precision over millimeter-wide sensing gaps for space-borne gravitational reference sensors. Physical Review D, 2017, 96, .	4.7	40
9	Seismic High-Resolution Acquisition Electronics for the NASA InSight Mission on Mars. Bulletin of the Seismological Society of America, 2021, 111, 2909-2923.	2.3	17
10	LTP IS FEE Sensing Channel: Front-End Modeling and Symmetry Adjustment Method. IEEE Sensors Journal, 2012, 12, 1071-1077.	4.7	9
11	Analysis of the accuracy of actuation electronics in the laser interferometer space antenna pathfinder. Review of Scientific Instruments, 2020, 91, 045003.	1.3	8