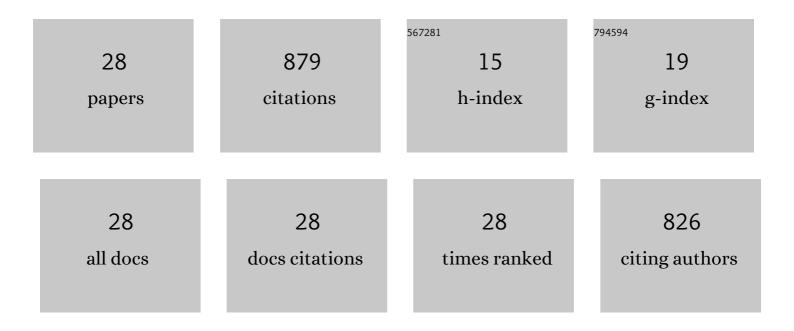
## Wolfgang Ertmer

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12021103/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Space-borne Bose–Einstein condensation for precision interferometry. Nature, 2018, 562, 391-395.	27.8	224
2	The Bose-Einstein Condensate and Cold Atom Laboratory. EPJ Quantum Technology, 2021, 8, .	6.3	85
3	SAGE: A proposal for a space atomic gravity explorer. European Physical Journal D, 2019, 73, 1.	1.3	75
4	Intrastromal refractive surgery with ultrashort laser pulses: in vivo study on the rabbit eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 2003, 241, 511-517.	1.9	68
5	A high-flux BEC source for mobile atom interferometers. New Journal of Physics, 2015, 17, 065001.	2.9	65
6	A Compact Atom Interferometer for Future Space Missions. Microgravity Science and Technology, 2010, 22, 551-561.	1.4	48
7	Design of a dual species atom interferometer for space. Experimental Astronomy, 2015, 39, 167-206.	3.7	48
8	Ultracold atom interferometry in space. Nature Communications, 2021, 12, 1317.	12.8	47
9	Femtosecond laser induced flexibility change of human donor lenses. Vision Research, 2009, 49, 1853-1859.	1.4	34
10	Miniaturized Lab System for Future Cold Atom Experiments in Microgravity. Microgravity Science and Technology, 2017, 29, 37-48.	1.4	27
11	Interference of clocks: A quantum twin paradox. Science Advances, 2019, 5, eaax8966.	10.3	24
12	Quantum test of the Universality of Free Fall using rubidium and potassium. European Physical Journal D, 2020, 74, 1.	1.3	24
13	Degenerate Quantum Gases in Microgravity. Microgravity Science and Technology, 2011, 23, 287-292.	1.4	22
14	Einstein-Elevator: A New Facility for Research from $\hat{l}^{1}_{4} g $ to 5 <i>g </i> . Gravitational and Space Research: Publication of the American Society for Gravitational and Space Research, 2017, 5, 11-27.	0.8	22
15	Novel active driven drop tower facility for microgravity experiments investigating production technologies on the example of substrate-free additive manufacturing. Advances in Space Research, 2018, 61, 1967-1974.	2.6	18
16	Resolution of the colocation problem in satellite quantum tests of the universality of free fall. Physical Review D, 2020, 102, .	4.7	16
17	Optoacoustic imaging for optimization of laser cyclophotocoagulation. Journal of Biomedical Optics, 2003, 8, 281.	2.6	12

18 <title>Intrastromal refractive surgery by ultrashort laser pulses: side effects and mechanisms</title>., 2000, , .

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#	Article	IF	CITATIONS
19	Intrastromal cutting effects in rabbit cornea using femtosecond laser pulses. , 2000, 4161, 52.		3
20	<title>Two-dimensional detection of optoacoustic stress transients</title> ., 2002, 4618, 99.		3
21	<title>Pulsed photothermal radiometric investigations of optical and thermal properties</title> . , 1996, , .		2
22	Optoacoustic online control for laser cyclophotocoagulation. , 2001, , .		2
23	Pulsed photothermal radiometry as a method for investigating blood vessel-like structures. Journal of Biomedical Optics, 2001, 6, 214.	2.6	2
24	High resolution rotation sensor based on cold Rubidium atoms. , 2009, , .		2
25	Intrastromal Refractive Surgery Using Ultrashort Laser Pulses. Medical Laser Application: International Journal for Laser Treatment and Research, 2002, 17, 4-8.	0.3	1
26	FPGA based laser frequency stabilization using FM spectroscopy. , 2018, , .		1
27	Characterization of an optical Mg frequency standard via a dark telecommunication fiber. , 2009, , .		Ο
28	A continuously loaded dipole trap for magnesium. , 2011, , .		0