

# Shmuel Eisenmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7976451/publications.pdf>

Version: 2024-02-01

14  
papers

475  
citations

1040056

9  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of multiple filamentation in air. Optics Letters, 2004, 29, 1772.	3.3	141
2	The Hot (Invisible?) Hand: Can Time Sequence Patterns of Success/Failure in Sports Be Modeled as Repeated Random Independent Trials?. PLoS ONE, 2011, 6, e24532.	2.5	84
3	Self-focusing Distance of Very High Power Laser Pulses. Optics Express, 2005, 13, 5897.	3.4	73
4	Control of the collapse distance in atmospheric propagation. Optics Express, 2006, 14, 4946.	3.4	45
5	Fine Structure of a Laser-Plasma Filament in Air. Physical Review Letters, 2007, 98, 155002.	7.8	44
6	Effect of an Energy Reservoir on the Atmospheric Propagation of Laser-Plasma Filaments. Physical Review Letters, 2008, 100, 155003.	7.8	32
7	Control of the filamentation distance and pattern in long-range atmospheric propagation. Optics Express, 2007, 15, 2779.	3.4	27
8	Body size but not age influences phototaxis in bumble bee ( <i>Bombus terrestris</i> , L.) workers. Apidologie, 2020, 51, 763-776.	2.0	14
9	A plasma microlens for ultrashort high power lasers. Applied Physics Letters, 2009, 95, 031101.	3.3	12
10	Using the self-filtering property of a femtosecond filament to improve second harmonic generation. Optics Express, 2009, 17, 6451.	3.4	2
11	Generation of fast protons by interaction of modest laser intensities with H <sub>2</sub> O nano-wire targets. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 653, 156-158.	1.6	1
12	Control of the filamentation distance and pattern in long range atmospheric propagation. , 2007, , NWB2.		0
13	Extending Femtosecond Filamentation of High Power Laser Propagating in the Atmosphere. AIP Conference Proceedings, 2008, , .	0.4	0
14	The fine structure of a laser-plasma filament in air. , 2008, , .		0