

# Rosvaldas Ā uminas

## List of Publications by Year in descending order

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docs citations

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times ranked

260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast supercontinuum generation in bulk condensed media. Lithuanian Journal of Physics, 2017, 57, .	0.4	139
2	Carrier-envelope phase-stable spatiotemporal light bullets. Optics Letters, 2015, 40, 3719.	3.3	36
3	Spatiotemporal light bullets and supercontinuum generation in $\hat{1}^2$ -BBO crystal with competing quadratic and cubic nonlinearities. Optics Letters, 2016, 41, 2097.	3.3	30
4	Multi-octave spanning nonlinear interactions induced by femtosecond filamentation in polycrystalline ZnSe. Applied Physics Letters, 2017, 110, .	3.3	30
5	Even and odd harmonics-enhanced supercontinuum generation in zinc-blende semiconductors. Journal of the Optical Society of America B: Optical Physics, 2019, 36, A22.	2.1	27
6	Second-order cascading-assisted filamentation and controllable supercontinuum generation in birefringent crystals. Optics Express, 2017, 25, 6746.	3.4	26
7	Odd harmonics-enhanced supercontinuum in bulk solid-state dielectric medium. Optics Express, 2016, 24, 17060.	3.4	17
8	A compact, self-compression-based sub-3 optical cycle source in the $3\text{mbox}\{-\}4,\mu\{m\}\}$ spectral range. Journal of Optics (United Kingdom), 2017, 19, 105505.	2.2	15
9	Femtosecond filamentation and supercontinuum generation in bulk silicon. Optics Letters, 2019, 44, 1343.	3.3	15
10	Filamentation-free self-compression of mid-infrared pulses in birefringent crystals with second-order cascading-enhanced self-focusing nonlinearity. Optics Letters, 2018, 43, 235.	3.3	6
11	Femtosecond infrared supercontinuum generation in 6H-SiC crystal. OSA Continuum, 2021, 4, 911.	1.8	5
12	Supercontinuum generation in the absence and in the presence of color centers in NaCl and KBr. Results in Physics, 2019, 14, 102396.	4.1	4
13	Femtosecond filamentation, supercontinuum generation, and determination of $\{n_2\} n_2$ in polycrystalline SBN. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1530.	2.1	4
14	Optical parametric oscillators synchronously pumped by fundamental and second harmonic radiation of femtosecond Yb:KGW laser. Proceedings of SPIE, 2013, , .	0.8	1
15	Second-order cascading-assisted controllable supercontinuum generation in birefringent media. , 2017, , .		0