

# Andrey Andrii, Aa Ionin, Andre

## List of Publications by Year in descending order

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10  
papers

184  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	GARPUN-MTW: A hybrid Ti:Sapphire/KrF laser facility for simultaneous amplification of subpicosecond/nanosecond pulses relevant to fast-ignition ICF concept. Laser and Particle Beams, 2007, 25, 435-451.	1.0	66
2	Mode-locked CO laser frequency doubling in ZnGeP2 with 25% efficiency. Laser Physics Letters, 2011, 8, 723-728.	1.4	25
3	Efficient pulsed first-overtone CO laser operating within the spectral range of 2.5-4.2 $\mu\text{m}$ . IEEE Journal of Quantum Electronics, 2000, 36, 810-823.	1.9	24
4	Parametric study of first-overtone CO laser with suppressed fundamental band lasing: experiment and theory. Optics Communications, 1998, 155, 197-205.	2.1	13
5	Resonant absorption of first-overtone CO laser radiation by atmospheric water vapor and pollutants. Laser and Particle Beams, 2000, 18, 697-713.	1.0	11
6	The electro-ionization CO laser: A multiwavelength IR oscillator ( $\lambda = 2.7\text{--}3.3\ \mu\text{m}$ ; $4.9\text{--}6.0\ \mu\text{m}$ ). Infrared Physics, 1985, 25, 47-52.	0.5	10
7	Effects of picosecond terawatt UV laser beam filamentation and a repetitive pulse train on creation of prolonged plasma channels in atmospheric air. Nuclear Instruments & Methods in Physics Research B, 2013, 309, 218-222.	1.4	10
8	Arrangement of multiple UV filaments by periodic amplitude masks. Nuclear Instruments & Methods in Physics Research B, 2017, 402, 331-335.	1.4	9
9	Absorption and ionization of molecular nitrogen by UV femtosecond laser pulses. Optics Communications, 2009, 282, 45-47.	2.1	8
10	Multiple filamentation of supercritical UV laser beam in atmospheric air. Nuclear Instruments & Methods in Physics Research B, 2015, 355, 227-231.	1.4	8