

# Ke Zhang

## List of Publications by Year in descending order

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18  
papers

235  
citations

1163117

8  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear optical characterization of copper oxide nanoellipsoids. <i>Scientific Reports</i> , 2019, 9, 11414.	3.3	57
2	Strong nonlinear absorption in perovskite films. <i>Optical Materials Express</i> , 2018, 8, 1472.	3.0	39
3	Effective high-order harmonic generation from metal sulfide quantum dots. <i>Optics Express</i> , 2018, 26, 35013.	3.4	30
4	Pulse Duration and Wavelength Effects of Laser Ablation on the Oxidation, Hydrolysis, and Aging of Aluminum Nanoparticles in Water. <i>Nanomaterials</i> , 2019, 9, 767.	4.1	21
5	Ag <sub>2</sub> S quantum dots in the fields of picosecond and femtosecond UV and IR pulses: optical limiting, nonlinear absorption and refraction properties. <i>Applied Physics B: Lasers and Optics</i> , 2019, 125, 1.	2.2	21
6	Laser ablation-induced synthesis and nonlinear optical characterization of titanium and cobalt nanoparticles. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	13
7	Structural variations during aging of the particles synthesized by laser ablation of copper in water. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	9
8	Ablated nickel nanoparticles: third harmonic generation and optical nonlinearities. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 125502.	2.2	8
9	Linear auto disturbance rejection controller for vector-controlled PMSM drive system. , 2011, , .		7
10	Resonance-enhanced harmonics in mixed laser-produced plasmas. <i>Plasma Research Express</i> , 2019, 1, 035002.	0.9	7
11	Role of carbon clusters in high-order harmonic generation in graphite plasmas. <i>OSA Continuum</i> , 2019, 2, 1510.	1.8	6
12	Formation, aging and self-assembly of regular nanostructures from laser ablation of indium and zinc in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 584, 124016.	4.7	5
13	Time-dependent optimization of laser-produced molecular plasmas through high-order harmonic generation. <i>Physics of Plasmas</i> , 2019, 26, 100703.	1.9	4
14	Interaction of Pulses of Different Duration with Chemically Prepared Silver Nanoparticles: Analysis of Optical Nonlinearities. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-12.	2.7	4
15	Entangled Fourier Transformation and its Application in Weyl-Wigner Operator Ordering and Fractional Squeezing. <i>International Journal of Theoretical Physics</i> , 2019, 58, 1687-1697.	1.2	2
16	Effect of different hardness and melting point of the metallic surfaces on structural and optical properties of synthesized nanoparticles. <i>Materials Research Express</i> , 2019, 6, 045027.	1.6	2
17	Partial occlusion detection of object boundary. , 2009, , .		0
18	High precision test method for dynamic imaging of space camera. , 2010, , .		0