

# BÃ¼lend OrtaÃ§

## List of Publications by Year in descending order

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28  
papers

374  
citations

759233

12  
h-index

794594

19  
g-index

28  
all docs

28  
docs citations

28  
times ranked

652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation Shielding Tests of Crosslinked Polystyrene-b-Polyethyleneglycol Block Copolymers Blended with Nanostructured Selenium Dioxide and Boron Nitride Particles. <i>Nanomaterials</i> , 2022, 12, 297.	4.1	12
2	Spatiotemporal dynamics of self-similar parabolic pulse evolution in multimode fibers. <i>Optical and Quantum Electronics</i> , 2022, 54, .	3.3	1
3	A Laser-Assisted Cellular Electrophysiology Measurement System. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 163-166.	2.5	2
4	Production of Biaxial Polarization-Maintaining Optical Fiber with Panda-Type and Elliptical-Core Geometry. , 2021, , .		0
5	Spatiotemporal Evolutions of Similariton Pulses in Multimode Fibers with Raman Amplification. <i>Photonics</i> , 2021, 8, 354.	2.0	0
6	A Systematic Study on Au-Capped Si Nanowhiskers for Size-Dependent Improved Biosensing Applications. <i>Plasmonics</i> , 2020, 15, 1739-1745.	3.4	3
7	Demonstration of an All-Fiber Ultra-Low Numerical Aperture Ytterbium-Doped Large Mode Area Fiber in a Master Oscillator Power Amplifier Configuration Above 1 kW Power Level. <i>Journal of Lightwave Technology</i> , 2020, 38, 1915-1920.	4.6	6
8	Double Ring Firing Single Optical Fiber Deflector. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 230-233.	2.5	0
9	Structural, Optical, Electrical and Electrocatalytic Activity Properties Of Luminescent Organic Carbon Quantum Dots. <i>ChemistrySelect</i> , 2018, 3, 4730-4737.	1.5	1
10	A Beanâ€Like Formation of Germanium Nanoparticles Inside CNTs by the Subsequent Operation of Colloidal Synthesis and Catalytic Chemical Vapor Deposition Methods. <i>Crystal Research and Technology</i> , 2018, 53, 1800123.	1.3	0
11	Property enhancement in polypropylene ternary blend nanocomposites via a novel poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overloc toughenerâ€compatibilizer system. <i>Polymer International</i> , 2018, 67, 1445-1455.	3.1	7
12	Generation of ultra-small InN nanocrystals by pulsed laser ablation of suspension in organic solution. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	5
13	Sheathless Microflow Cytometry Using Viscoelastic Fluids. <i>Scientific Reports</i> , 2017, 7, 12342.	3.3	33
14	Spatiotemporal Instability of Femtosecond Pulses in Graded-Index Multimode Fibers. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 2195-2198.	2.5	25
15	Nanoparticles, Nanocrystals, and Nanocomposites Produced with Pulsed Laser Ablation and Their Applications. , 2017, , .		3
16	Terahertz Time-Domain Study of Silver Nanoparticles Synthesized by Laser Ablation in Organic Liquid. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2016, 6, 525-531.	3.1	7
17	Novel one-step synthesis of silica nanoparticles from sugarbeet bagasse by laser ablation and their effects on the growth of freshwater algae culture. <i>Particuology</i> , 2014, 17, 29-35.	3.6	67
18	A Near-Infrared Range Photodetector Based on Indium Nitride Nanocrystals Obtained Through Laser Ablation. <i>IEEE Electron Device Letters</i> , 2014, 35, 936-938.	3.9	33

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19	Effects of laser ablated silver nanoparticles on Lemna minor. Chemosphere, 2014, 108, 251-257.	8.2	26
20	Property enhancement in unsaturated polyester nanocomposites by using a reactive intercalant for clay modification. Journal of Applied Polymer Science, 2013, 129, 3247-3254.	2.6	16
21	Bio-based polymer nanocomposites based on layered silicates having a reactive and renewable intercalant. Journal of Applied Polymer Science, 2013, 130, 2031-2041.	2.6	18
22	Generation of InN nanocrystals in organic solution through laser ablation of high pressure chemical vapor deposition-grown InN thin film. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	13
23	A plasmonic enhanced photodetector based on silicon nanocrystals obtained through laser ablation. Journal of Optics (United Kingdom), 2012, 14, 125001.	2.2	18
24	Encapsulation of a zinc phthalocyanine derivative in self-assembled peptide nanofibers. Journal of Materials Chemistry, 2012, 22, 2553-2559.	6.7	20
25	Impact of dispersion on pulse dynamics in chirped-pulse fiber lasers. Applied Physics B: Lasers and Optics, 2012, 107, 263-274.	2.2	20
26	Ultrashort pulse formation and evolution in mode-locked fiber lasers. Applied Physics B: Lasers and Optics, 2011, 104, 523-536.	2.2	9
27	Electrochemically tunable ultrafast optical response of graphene oxide. Applied Physics Letters, 2011, 98, .	3.3	29
28	Properties of a microjoule-class fiber oscillator mode-locked with a SESAM. , 2011, , .		0