

# Isinsu Baylam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8295459/publications.pdf>

Version: 2024-02-01

19  
papers

236  
citations

933410

10  
h-index

996954

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium-Free and Efficient Type-II InP/ZnO/ZnS Quantum Dots and Their Application for LEDs. ACS Applied Materials & Interfaces, 2021, 13, 32022-32030.	8.0	41
2	High-Performance, Large-Area, and Ecofriendly Luminescent Solar Concentrators Using Copper-Doped InP Quantum Dots. IScience, 2020, 23, 101272.	4.1	32
3	Exciton recycling via InP quantum dot funnels for luminescent solar concentrators. Nano Research, 2021, 14, 1488-1494.	10.4	20
4	70 femtosecond Kerr-lens mode-locked multipass-cavity Alexandrite laser. Optics Letters, 2018, 43, 1315.	3.3	19
5	Energy scaling of a carbon nanotube saturable absorber mode-locked femtosecond bulk laser. Optics Letters, 2012, 37, 3555.	3.3	14
6	Graphene mode-locked multipass-cavity femtosecond Cr <sup>4+</sup> : forsterite laser. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1270.	2.1	13
7	Graphene-gold supercapacitor as a voltage controlled saturable absorber for femtosecond pulse generation. Optics Letters, 2016, 41, 910.	3.3	13
8	The Fast-Track Water Oxidation Channel on BiVO <sub>4</sub> Opened by Nitrogen Treatment. Journal of Physical Chemistry Letters, 2020, 11, 8758-8764.	4.6	13
9	Dual-Wavelength Temporal Dynamics of a Gain-Switched 2-¼m Tm <sup>3+</sup> :Lu <sub>2</sub> O <sub>3</sub> Ceramic Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	12
10	Femtosecond pulse generation from a Ti <sup>3+</sup> :sapphire laser near 800nm with voltage reconfigurable graphene saturable absorbers. Optics Letters, 2017, 42, 1404.	3.3	11
11	Ultrafast spectroscopy of voltage reconfigurable graphene saturable absorbers in the visible and near infrared. 2D Materials, 2019, 6, 035013.	4.4	10
12	Tunable continuous-wave laser operation of Tm <sup>3+</sup> :BaY <sub>2</sub> F <sub>8</sub> near 2.3µm. Optics Letters, 2020, 45, 4104.	3.3	10
13	1200nm pumped Tm <sup>3+</sup> :Lu <sub>2</sub> O <sub>3</sub> ceramic lasers. Applied Optics, 2018, 57, 1772.	1.8	9
14	Roles of Charge Carriers in the Excited State Dynamics of BiVO <sub>4</sub> Photoanodes. Journal of Physical Chemistry C, 2019, 123, 28576-28583.	3.1	8
15	21fs Cr:LiSAF laser mode locked with a single-walled carbon nanotube saturable absorber. Optics Letters, 2019, 44, 4662.	3.3	7
16	Femtosecond Pulse Generation with Voltage-Controlled Graphene Saturable Absorbers. , 2017, , 389-433.		2
17	Graphene Supercapacitor as a Voltage Controlled Saturable Absorber for Femtosecond Pulse Generation. , 2014, , .		1
18	Tm <sup>3+</sup> :Lu <sub>2</sub> O <sub>3</sub> Ceramic Lasers Pumped near 1200 nm. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Femtosecond Pulse Generation from an Extended Cavity Cr <sup>4+</sup> :forsterite Laser using Graphene on YAG. , 2013, , .		0