

Oleksandr Isaienko

List of Publications by Year in descending order

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15
papers

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1162367

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docs citations

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1825
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral and Dynamical Properties of Single Excitons, Biexcitons, and Trions in Cesium-Lead-Halide Perovskite Quantum Dots. <i>Nano Letters</i> , 2016, 16, 2349-2362.	4.5	533
2	Phase-Transfer Ligand Exchange of Lead Chalcogenide Quantum Dots for Direct Deposition of Thick, Highly Conductive Films. <i>Journal of the American Chemical Society</i> , 2017, 139, 6644-6653.	6.6	112
3	Hydrophobicity of Hydroxylated Amorphous Fused Silica Surfaces. <i>Langmuir</i> , 2013, 29, 7885-7895.	1.6	54
4	Generation of ultra-broadband pulses in the near-IR by non-collinear optical parametric amplification in potassium titanyl phosphate. <i>Optics Express</i> , 2008, 16, 3949.	1.7	41
5	Observation of the Bending Mode of Interfacial Water at Silica Surfaces by Near-Infrared Vibrational Sum-Frequency Generation Spectroscopy of the [Stretch + Bend] Combination Bands. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 531-535.	2.1	35
6	Pulse-front matching of ultrabroadband near-infrared noncollinear optical parametric amplified pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 965.	0.9	32
7	Ultra-broadband sum-frequency spectrometer of aqueous interfaces based on a non-collinear optical parametric amplifier. <i>Optics Express</i> , 2012, 20, 547.	1.7	23
8	High-repetition-rate near-infrared noncollinear ultrabroadband optical parametric amplification in KTiOPO ₄ . <i>Optics Letters</i> , 2010, 35, 3832.	1.7	14
9	Generation of sub-30-fs microjoule mid-infrared pulses for ultrafast vibrational dynamics at solid/liquid interfaces. <i>Optics Letters</i> , 2013, 38, 5008.	1.7	8
10	Ultrabroadband few-cycle infrared pulse generation from a noncollinear optical parametric amplifier based on bulk niobate crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 2075.	0.9	6
11	Phonon-assisted nonlinear optical processes in ultrashort-pulse pumped optical parametric amplifiers. <i>Scientific Reports</i> , 2016, 6, 23031.	1.6	2
12	Ultra-Broadband Infrared Pulses from a Potassium-Titanyl Phosphate Optical Parametric Amplifier for VIS-IR-SFG Spectroscopy. <i>Springer Series in Chemical Physics</i> , 2009, , 777-779.	0.2	0
13	Near-Infrared Pulse-Front Matched Non-collinear Optical Parametric Amplification in Bulk KTP. , 2009, , .		0
14	Ultra-Broadband Near-IR Non-collinear Optical Parametric Amplification in Potassium Niobate and Lithium Niobate. , 2009, , .		0
15	Non-Collinear Optical Parametric Amplification of Near-IR pulses in KTiOPO ₄ at a High Repetition Rate. , 2010, , .		0