

Furkan Isik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Deep-Red-Emitting Colloidal Quantum Well Light-Emitting Diodes Enabled through a Complex Design of Core/Crown/Double Shell Heterostructure. <i>Small</i> , 2022, 18, e2106115.	10.0	15
2	Optical Microfluidic Waveguides and Solution Lasers of Colloidal Semiconductor Quantum Wells. <i>Advanced Materials</i> , 2021, 33, e2007131.	21.0	19
3	Ultralow Threshold Optical Gain Enabled by Quantum Rings of Inverted Type-II CdS/CdSe Core/Crown Nanoplatelets in the Blue. <i>Advanced Optical Materials</i> , 2021, 9, 2002220.	7.3	16
4	Ultra-high Green and Red Optical Gain Cross Sections from Solutions of Colloidal Quantum Well Heterostructures. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2177-2182.	4.6	20
5	Solution Lasing: Optical Microfluidic Waveguides and Solution Lasers of Colloidal Semiconductor Quantum Wells (<i>Adv. Mater.</i> 10/2021). <i>Advanced Materials</i> , 2021, 33, 2170070.	21.0	2
6	Optically detected magnetic resonance in CdSe/CdMnS nanoplatelets. <i>Nanoscale</i> , 2020, 12, 21932-21939.	5.6	10
7	Sub-single exciton optical gain threshold in colloidal semiconductor quantum wells with gradient alloy shelling. <i>Nature Communications</i> , 2020, 11, 3305.	12.8	39
8	Impurity incorporation and exchange interactions in Co ²⁺ -doped CdSe/CdS core/shell nanoplatelets. <i>Journal of Chemical Physics</i> , 2019, 151, 224708.	3.0	4
9	Activation pathways taking place at molecular copper precatalysts for the oxygen evolution reaction. <i>Catalysis Today</i> , 2017, 290, 33-38.	4.4	19