

Max Shatalov

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

729
citations

1478280

6
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Photomodification of carrier lifetime and diffusivity in AlGaIn epitaxial layers. Current Applied Physics, 2016, 16, 633-637.	1.1	2
2	Heuristic optimization of a continuous flow point-of-use UV-LED disinfection reactor using computational fluid dynamics. Water Research, 2015, 83, 310-318.	5.3	38
3	High-efficiency UV LEDs on sapphire. , 2015, , .		2
4	Dynamics of nonequilibrium carrier decay in AlGaIn epitaxial layers with high aluminum content. Optics Express, 2015, 23, 19646.	1.7	5
5	Modeling a continuous flow ultraviolet Light Emitting Diode reactor using computational fluid dynamics. Chemical Engineering Science, 2014, 116, 524-535.	1.9	40
6	Low threshold for optical damage in AlGaIn epilayers and heterostructures. Journal of Applied Physics, 2013, 114, .	1.1	5
7	AlGaIn Deep-Ultraviolet Light-Emitting Diodes with External Quantum Efficiency above 10%. Applied Physics Express, 2012, 5, 082101.	1.1	406
8	Impact of temperature-dependent hole injection on low-temperature electroluminescence collapse in ultraviolet light-emitting diodes. Applied Physics Letters, 2012, 101, .	1.5	11
9	Microbial UV fluence-response assessment using a novel UV-LED collimated beam system. Water Research, 2011, 45, 2011-2019.	5.3	149
10	Efficiency of light emission in high aluminum content AlGaIn quantum wells. Journal of Applied Physics, 2009, 105, .	1.1	71