

Guangyu Liu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

797
citations

840585

11
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	20-meter underwater wireless optical communication link with 15 Gbps data rate. Optics Express, 2016, 24, 25502.	1.7	234
2	High-speed colour-converting photodetector with all-inorganic CsPbBr ₃ perovskite nanocrystals for ultraviolet light communication. Light: Science and Applications, 2019, 8, 94.	7.7	225
3	Light based underwater wireless communications. Japanese Journal of Applied Physics, 2018, 57, 08PA06.	0.8	89
4	32 Gigabit-per-second Visible Light Communication Link with InGaN/GaN MQW Micro-photodetector. Optics Express, 2018, 26, 3037.	1.7	56
5	Unbiased photocatalytic hydrogen generation from pure water on stable Ir-treated In _{0.33} Ga _{0.67} N nanorods. Nano Energy, 2017, 37, 158-167.	8.2	49
6	Semipolar ($20 \times 21 \text{ \AA}^{-1}$) InGaN/GaN micro-photodetector for gigabit-per-second visible light communication. Applied Physics Express, 2020, 13, 014001.	1.1	39
7	Improved solar hydrogen production by engineered doping of InGaN/GaN axial heterojunctions. Optics Express, 2019, 27, A81.	1.7	26
8	Unleashing the potential of molecular beam epitaxy grown AlGaIn-based ultraviolet-spectrum nanowires devices. Journal of Nanophotonics, 2018, 12, 1.	0.4	24
9	Functionalization of Magnetic Nanowires for Active Targeting and Enhanced Cell-Killing Efficacy. ACS Applied Bio Materials, 2020, 3, 4789-4797.	2.3	16
10	Imaging Localized Energy States in Silicon-Doped InGaIn Nanowires Using 4D Electron Microscopy. ACS Energy Letters, 2018, 3, 476-481.	8.8	15
11	Going beyond 10-meter, Gbit/s underwater optical wireless communication links based on visible lasers. , 2017, , .		13
12	7.4-Gbit/s Visible-Light Communication Utilizing Wavelength-Selective Semipolar Micro-Photodetector. IEEE Photonics Technology Letters, 2020, , 1-1.	1.3	11
13	1.5-Gbit/s Filter-free Optical Communication Link based on Wavelength-selective Semipolar ($20 \times 21 \text{ \AA}^{-1}$) InGaIn/GaN Micro-photodetector. , 2020, , .		0