

# Hei Chit Leo Tsui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8173742/publications.pdf>

Version: 2024-02-01

10  
papers

82  
citations

1478505

6  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide integrated silicon photonics for detection of vapour phase volatile organic compounds. <i>Scientific Reports</i> , 2020, 10, 9592.	3.3	16
2	Wide-Band-Gap Metal-Free Perovskite for Third-Order Nonlinear Optics. <i>ACS Photonics</i> , 2021, 8, 2450-2458.	6.6	15
3	The effect of metal-rich growth conditions on the microstructure of Sc <sub>x</sub> Ga <sub>1-x</sub> N films grown using molecular beam epitaxy. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2837-2842.	1.8	14
4	Band gaps of wurtzite Sc <sub>x</sub> Ga <sub>1-x</sub> N alloys. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	14
5	Recent progress of semiconductor optoelectronic fibers. <i>Frontiers of Optoelectronics</i> , 2021, 14, 383-398.	3.7	10
6	Valence band offsets of Sc <sub>x</sub> Ga <sub>1-x</sub> N/AlN and Sc <sub>x</sub> Ga <sub>1-x</sub> N/GaN heterojunctions. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 265110.	2.8	6
7	Ultraviolet Emission From Resonant Tunnelling Metal-Insulator-Semiconductor Light Emitting Tunnel Diodes. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	2.0	4
8	Composition measurement of epitaxial Sc <sub>x</sub> Ga <sub>1-x</sub> N films. <i>Semiconductor Science and Technology</i> , 2016, 31, 064002.	2.0	3
9	About 335-nm Ultraviolet Emissions Obtained from Simple Metal-Insulator-Semiconductor Light-Emitting Tunnel Diodes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2000524.	1.8	0
10	Silicon 'photonic molecules' for sensing applications (Conference Presentation). , 2019, , .		0