

# Cheng-Yao Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8271004/publications.pdf>

Version: 2024-02-01

10  
papers

130  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-quality AlGaIn epitaxy on lattice-engineerable AlN template for high-power UVC light-emitting diodes. <i>Acta Materialia</i> , 2022, 226, 117625.	7.9	10
2	Crystalline characteristics of a dual-phase precipitation hardening stainless steel in quenched solid solution and aging treatments. <i>Materials Chemistry and Physics</i> , 2022, 280, 125804.	4.0	6
3	Deformation-activated recrystallization twin: New twinning path in pure aluminum enabled by cryogenic and rapid compression. <i>IScience</i> , 2022, 25, 104248.	4.1	1
4	Disordering of L1 <sub>2</sub> Phase in High-Entropy Alloy Deformed at Cryogenic Temperature. <i>Advanced Engineering Materials</i> , 2021, 23, 2100564.	3.5	5
5	New protocol for orientation reconstruction from martensite to austenite in steels. <i>Materialia</i> , 2020, 9, 100554.	2.7	36
6	Role of the crystallographic texture in anisotropic mechanical properties of a newly-developed hot-rolled TRIP steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 790, 139683.	5.6	16
7	Efficiency improvement analysis of nano-patterned sapphire substrates and semi-transparent superlattice contact layer in UVC light-emitting diodes. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	13
8	Warm ductility enhanced by austenite reversion in ultrafine-grained duplex steel. <i>Acta Materialia</i> , 2018, 148, 344-354.	7.9	22
9	The origin and mitigation of volcano-like morphologies in micron-thick AlGaIn/AlN heteroepitaxy. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	6
10	Coopetitive micro-mechanisms between recrystallization and transformation during/after dynamic strain-induced transformation in aluminum-containing low-carbon steel. <i>Materials and Design</i> , 2017, 134, 434-445.	7.0	15