

Cheng-Wei Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12071043/publications.pdf>

Version: 2024-02-01

10
papers

187
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocomposite membranes of polybenzimidazole and amine-functionalized carbon nanofibers for high temperature proton exchange membrane fuel cells. RSC Advances, 2021, 11, 9964-9976.	3.6	14
2	Dimethylimidazolium-Functionalized Polybenzimidazole and Its Organic-Inorganic Hybrid Membranes for Anion Exchange Membrane Fuel Cells. Polymers, 2021, 13, 2864.	4.5	10
3	High mobility In _{0.53} Ga _{0.47} As quantum-well metal oxide semiconductor field effect transistor structures. Journal of Applied Physics, 2012, 111, 104511.	2.5	12
4	The effect of interface processing on the distribution of interfacial defect states and the C-V characteristics of III-V metal-oxide-semiconductor field effect transistors. Journal of Applied Physics, 2011, 109, 023714.	2.5	52
5	(Invited) Effect of Al ₂ O ₃ /InGaAs Interface on Channel Mobility. ECS Transactions, 2011, 41, 219-225.	0.5	2
6	Improved interfacial state density in Al ₂ O ₃ /GaAs interfaces using metal-organic chemical vapor deposition. Applied Physics Letters, 2010, 96, .	3.3	9
7	Field enhancement effect of nanocrystals in bandgap engineering of tunnel oxide for nonvolatile memory application. Applied Physics Letters, 2009, 94, 082901.	3.3	5
8	Self-cleaning and surface recovery with arsine pretreatment in <i>ex situ</i> atomic-layer-deposition of Al ₂ O ₃ on GaAs. Applied Physics Letters, 2009, 95, .	3.3	27
9	<i>In situ</i> metal-organic chemical vapor deposition atomic-layer deposition of aluminum oxide on GaAs using trimethylaluminum and isopropanol precursors. Applied Physics Letters, 2008, 93, .	3.3	44
10	Enhanced Polarization Switching Characteristics of Pb(Zr _{0.5} Ti _{0.5})O ₃ -Pt Nanocomposite Thin Films. Journal of Materials Research, 2004, 19, 1043-1049.	2.6	12