

# Xinjiang Liao

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

149  
citations

1307594  
7  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial microstructure and mechanical properties of synthetic diamond brazed by Ni-Cr-P filler alloy. <i>International Journal of Refractory Metals and Hard Materials</i> , 2018, 74, 52-60.	3.8	48
2	Microstructures and bonding strength of synthetic diamond brazed by near-eutectic Ag-Cu-Ti filler alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 790, 139711.	5.6	27
3	Low-temperature wetting mechanisms of polycrystalline chemical vapour deposition (CVD) diamond by Sn-Ti solder alloys. <i>Materials and Design</i> , 2019, 182, 108039.	7.0	20
4	Formation of TiC via interface reaction between diamond grits and Sn-Ti alloys at relatively low temperatures. <i>International Journal of Refractory Metals and Hard Materials</i> , 2017, 66, 252-257.	3.8	16
5	Reactive wetting of binary Sn-Cr alloy on polycrystalline chemical vapour deposited diamond at relatively low temperatures. <i>Diamond and Related Materials</i> , 2019, 92, 92-99.	3.9	14
6	Reactive wetting of Sn-V solder alloys on polycrystalline CVD diamond. <i>Applied Surface Science</i> , 2020, 504, 144508.	6.1	9
7	Microstructure evolution and joining strength of diamond brazed on Ti-6Al-4V substrates using Ti-free eutectic Ag-Cu filler alloy. <i>Diamond and Related Materials</i> , 2022, 127, 109198.	3.9	7
8	Reactive Infiltration and Microstructural Characteristics of Sn-V Active Solder Alloys on Porous Graphite. <i>Materials</i> , 2020, 13, 1532.	2.9	5
9	Wetting behaviours and interfacial characteristics of Co-binder sintered polycrystalline diamond by Sn-Ti active solder. <i>Powder Technology</i> , 2020, 376, 643-651.	4.2	3