Xinjiang Liao

List of Publications by Year
in descending order

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