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| [Depositing Al–Zn–Mg–Cu alloy with different positive electrode/negative electrode ratios of CMT advance process](https://links.springernature.com/f/a/L1EfuFZZGFA2El2kX8PXzQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqW3sz8Jwr13YGvM521f0yoQ3elKo0MPkda3oyczsBGICh0jza90lnHijAJIJw9TtGomRM_yLXCHXfBqg-j4WOsXHwixqei2L9xMV6JvQzMN6t7Rf4hJc6gR9h4atWo8C71G0uW0np4ogtk1mOk7RnV5p2I2uHaaeKKHTCztV4uveuGr1_iWCf7xg13iLlelqramxmhW4zya1M2nWx2c2x2ID7WDcl9exQDqZFm2ibXVagedn5uDiuoewabrEKO3zUixLP12dTciXlbF8ZVXdM6Q~~) |
| Xiangyang Wu, Shanqing Xu, Ji Chen, Chuansong Wu |

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| [Enhanced mechanical properties and microstructure of Incoloy 825 components fabricated using pulsed cold metal transfer in wire arc additive manufacturing](https://links.springernature.com/f/a/5o2LGKlBrdhGbiB0nJKYKA~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoCjrfQiZZMDMMJx7i8591tOosuXVlMbEMN9guUEOtjDaXgkVZBl8hknuf09E4RJSfpiMGerzfZFWx36Lw2W_vXy8pJ10pjam2ViFxgmD8sd5R620J612-vpKYiDOD14hvvcYuVtyX1v_AptHSBWpsLfr_Upql_tkX-r5IkR1k7Ul8kK2I_TMXRuotJqCVKZNMRKemWy4upvsJ17UbCAlmQivGhoSiYsPC405xl4cvr27MIlcj8skvaRRNvKI78rwmg~~) |
| Prasanna Nagasai Bellamkonda, Maheshwar Dwivedy |

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| [Impact of build direction on microstructure and high-temperature mechanical properties of SLM-fabricated 316L stainless steel](https://links.springernature.com/f/a/cKOTOhvh3d83OSYEadk5HQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoJdpRmSUaExzhFMKjxyv9mM1F1lR-7PA-OFbDoFd4qGTLLgLqgk_65A2dx3uMSbf0Nb24XLMEbycYTEFuA7xgx9Z_FaF1TvBzce2LTCGrSFKJEmC9qhiRaut1W2d357sT13lXtfi61xQ-FR7kUDgi33f8bB85Wnc2J_MKpTGq40MO_ynD-G02Now-5odx51S4G72pHnfFwNYKxCR9vxMU-2wMyq7bnV1mTC-8uoEZXdbR2UfLAknwz5dLxUThbH_Kg~~) |
| Mohammadamin Bakhtiarian, Matin Vafaei, Amirhossein Mashhuriazar, Hamid Omidvar |

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| [Wire arc additive manufacturing of 7075/5356 aluminum alloy laminated composite: Microstructure, mechanical properties and fracture mechanism](https://links.springernature.com/f/a/95Dv9dzTvLUlcFqZOy_rXQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoEvIfFmioBKYBYatGRvgwUG0EdZUx6_UZ-qzv2vaiFFKIcuvf6BRuG_ciMciRvOQtTHWbtdViAPZ-UYMaiB2DlG_cknV3oCCVHYNCS54ur8aPTkwEXggUezodjEWEUIygLJngksrggCbKwYt_JpEw3bAW9P3SRrOcbWrQP9spANn0wqht5O4EhiKwfvLVyfrlrVSySAJi__iaybJmq7wk70317p-l6wPMWOIhBmUpv1m5z9fSmOrDARubjX_zGgWGQ~~) |
| Yipeng Wang, Shuo Zhang, Hong Li, Erika Hodúlová, Zhuoxin Li |

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| [Comprehensive optimization of In625 laser cladding: from process parameters to path parameters](https://links.springernature.com/f/a/PfSFZJ4bI-Dh2K04Wxs5OQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoOg3LTxfCudKWXTCNeuX53KJWdMlRcfYDzDGR0EcGMJrmN_ZgQPWnsZz_cDd0ezMht2kU8SMJ1tJXb6wx3CY0XQRhdTDUVeGv4t229zb-u6wVIMlIfeR9W6800MQxjMYGcp8LrL0P7WWrtfVxN7Msl0XH6BsjebxaYZL4OJSi3n9IX3Vn8NbmSeCQMfkGai3Mfo1-WEJ0yfwXU_foFNH4rd9FG-e8ITfV-P3kFnfsrR7FDg8lrz2GHDQAw5So7lr4Q~~) |
| Yingying Zhang, Jiayu Sun, Yiqi Wang, Zhengyu Sun, Yanchong Gao, Tianbiao Yu |

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| [Effect of heat control on mechanical properties and residual stresses at the transition zone of component and substrate in hybrid DED-arc manufacturing](https://links.springernature.com/f/a/3xSNbLtCQNTRbc_jepudRw~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoHAZUgUusnr7x5Hmmu0R0K7WxBM8q4HXtUsjw9eu7Udg9fV_c93wQy8uc66xfKNQZq4iCOE5qtSP24RwAXeX0ha-xgaDncAo8On45qnojDQ-kihb3yERI8lqTVonhbacEJ1a6zwlrUXoh9xi1NV_qSRnV_NG3YpfdlknDbfrIBDY12q1Hp9sXIqFwZV-pdawXtbNfdLKbHAZjYrSFAXg30AM5sTcZJoAmVKP_t_X3UVTeCe9Sc3vYG1wDMSCV_t0ug~~) |
| R. Scharf-Wildenhain, L. Engelking, A. Haelsig, D. Schroepfer, T. Kannengiesser, J. Hensel |

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| [Residual stress distribution and deformation in wire + arc additive manufactured titanium alloy: insights from simulation and cold cutting analysis](https://links.springernature.com/f/a/WAjcIzOFNvEYcycDTWabbQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoDY_GsPJkrxPmhS-pjeTTmrWnvJzK322bJmw-wgOx6ESyyvZ1Wuavj4sYHNn0BsOk1vlSZRGEn0Au6VnEXN81YeqcEPPgq7VJfkSh2oQrbACr7TXAVddvcWeGh-zV68vuBoyQyHwYbJBzXJp3jkK0Pcrb65T_4BGJyNGifLLOx8pyTz5jXxNDOBoAQVoMQ7s091Li1yZjSw7d_jqWrW6usq4TfKNjMfrZwx8qgP5N0woZ5bBqk9iXcpzdEeuFV4Ozg~~) |
| Banglong Yu, Ping Wang, Yong Liu, Ze Chen, Bin Zhang, Xiaoguo Song |

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| [Microstructural evolution during low-temperature TLP bonding of WC-6Co cemented carbide to AISI 1045 steel using multi-layer of Ni/Cu/In/Cu/Ni](https://links.springernature.com/f/a/hfkbXB9DdZeZuo81d2JwLw~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMbxVbdKxM5PB8SxDrQk9diQg9yquGQH2L9pnmbo9tiH3BcmR6WZwO6nW1d6K7DsOk5Gkpu0S8qLwy5QqJVeTVdwjitWv9vOyqG2ErslVFu-U1_8xn_gW2VDy-V0Ro7YLnQ7E5Nagxf0anFGV5SzvPvTx_Rv3jO42n9JZpm2JzeBvOxsqi6Oxgm70ycxLUaPvYey7s3dxGWahvq80KKxVAfiCKm9bpvJZWneptfwl1i8kq2blKRCyR2iDFqaygKoiSQ~~) |
| Saeid Nahri, Reza Tavangar |

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| [Microstructure and mechanical characterization of diffusion-bonded CoCrCuFeNi HEA/TC4 titanium alloy joints using a Ni interlayer](https://links.springernature.com/f/a/0dRoc8x0e1LbpYnVmMNeWw~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMTE6VtMRboO4v9_2_ZTnmyi0ofye5bMxNg1QMcZ4zeqE-gNJ-pa1o4LErxDw3wGvHHTuOmellpvNNOB1Ad-KOsfX3Te26gfGNHX7BzOSk-f3IkN01xlWJGEd7YoYCtACPf_4-3t9c2PqUfvP0Ezw0F38ZcMxX8b39fR3GfC0yV7V1-_UONpnRMImLI1QEf1gfvc79mRew2twZ5B_pOue2RFqujHPAbIAMITfu9V2i6WrFIN50v2wX9VYtvp4nE2-fQ~~) |
| Juan Li, Rong Yin, Honglong Zhao, Qingdong Qin, Shaomin Luo, Nian Zhou |

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| [The impact of TiC particle addition to Ag–Cu-Ti filler material on the microstructure and mechanical properties of AlN ceramic/Cu brazed joints](https://links.springernature.com/f/a/4wdUyWtE3f3MDO8HeX_-RQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMTHgUkJkEdUw0O2TH2mI8Lutwj00rSDdlL2DZfY4HYs6_e5Y6Fdre1lg5aI64XzAgNHbZFTVAX_vjT8zN9pKD34_rVRg5CqA_0BIry_eKuL3Zvpg3KSXEZaBAMKAAvFBE_bHECh3v0m-wA7buP1ioQdrSxYle2k1J5Z-d5wvgXv4aYhvNjlYj5AW7E_9CGa9lkqi6TXU9rJZ9jsvW3vhCxzD-GXISWqnPohpoDYPvyEQTt_eXO11qumOoFXRSgcv3A~~) |
| Lutong Qie, Tao Wang, Zhanlong Yu, Weibing Guo, Xiaoguang Chen |

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| [Contact reaction brazing of TiAl alloy with Ti-Zr-V-Nb-Cu-Ni-Mn system high-entropy alloy filler metal](https://links.springernature.com/f/a/Q3GNlbz3-YNrIVLTrmFxnQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMZxJb8ddHh69k6Srt2CEM_xuDClPVJRtxxK1Ka0U4o2EnASAkOjcRsLSJGk5hfZXkKGMvMHrcCahwVpG0h52UvrIiZtsJQo8FKMpcpbfu5lSsYVZBYee0iHR_sVMkJNhXCd4QHF50F_HdxCf47MA_W7lNadDTsGPcSgcsWXsaaNnLkLFpH3RDl2pvxGIZ1haHTykBwM4kbgsDJzmJfrePkhlPlPSj06SYSU-Sq_DqDNdcaNQNmiUAoTRZ5_7TEu9mA~~) |
| Hongliang Feng, Xinyu Ren, Huaping Xiong, Biao Zhou, Zhiliang Zhai, Haishui Ren, Yongjuan Jing, Jiayu Qiu, Yaoyong Cheng |

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| [Effect of Ge and In on the structure and thermodynamic characteristics of high-entropy MnCoNiCu alloys](https://links.springernature.com/f/a/-k4iakIGGkZh48ASNVBfdQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMYqLnHKxSfVm6-fC_1T5QaHryTqnifcob-3Her_wkhHl4ADH94Ue8TVtXQmemBAPsJ4GtYcIEhFtqDL4lmmniOqfW5l7mXxN2F19UZtdi2AYnClR2_lyVAS_Tebzd6PN9Jy2vCx2NqCSJlg-5LhdmUxX7L_n3Kr-ZRtedh7AxpFpwluKpMahbjhjfqhEg9tJ2_iZd9zae-IoV4ByvJWfPxb9PhDzGRx4Ty2u5WZJAEFFqftOgMcgsOmcyVnUnf9D_Q~~) |
| S. V. Maksymova, P. V. Kovalchuk, V. V. Voronov, M. V. Karpets, M. P. Naumenko |

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| [Effects of local gas shielding on induction brazing of stainless steel: an experimental approach](https://links.springernature.com/f/a/KPMxVVhgr0_K3Ptu-ZSh5A~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMY4YPUlMNf--aRvb9_gM6V54w27tv1ACdR_ojL2yeGxswBCD0oc1V8hLCwVCV027kh7BVPoup2_r2EzIwVKSJbHRwjAk-FUHogb5WukP2Y8R1ae9OVcgWU5EhR5NtqDmLrm52nCGc0FNvh1FGykaKeZbUndHR2Cpl9ajMbH2G4-NswXtBptSYcyCermclDcek6TfnXMrNgDHHZWPHWP3rltxT6kTh4qH8mgl23UjYufJLjnxnBxpUg6SJXlxExbfSQ~~) |
| S. Weis, R. Grunert, V. Fedorov, S. Brumm, T. Uhlig |

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| [Investigation of microstructure and mechanical properties of diffusion brazed boron carbide ceramics with Ni–Cr-Si-Fe-B-C filler alloy](https://links.springernature.com/f/a/4D5Py4JjjwDfYk9Ldtw9lQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMbzcN8z9KFqEowUkZ4FWcQ2dE_Vu7OjkiZS-z8WB5tN698maWB8uB2A5K9VnQ19KAn3k06n7L8nwSZdI8--BIDS4GGnsI8MYtDVOwH8L0FDhQYN4Jh6-79PjZ7FnAtVX7Fruu03IoCcP_q7z0eHBJdFjjm8WX2Z2Ni91Qp6MtsLyD6H1AeQzmBkER5706_RWIUAoRF3162sPd4AhXzYr6bF6Imn_gGH_v6nMvBl33Cf85u5ll-eu3xV0Zw7TkiKeJQ~~) |
| A. Amirnasiri, S. E. Mirsalehi |

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| [Microstructure and properties of SnBiIn low-melting point solder doped with Ag particles](https://links.springernature.com/f/a/5PxmvkUzYqEmJ0ryxNAnGg~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMVpIV-T-rflVaLNUaHTxeRZ0O8He9lFMfrWLSjl8isoCyk673W4or0HZHwjAmWRcyMi_GIwo_POWbsfSf6yKZOfITD6Q75tyMqgKhDxDN2e_OexqaOyy1BB1LMX2ZzoORDw_OQibJ6oiFMyXO2GVL8YxIEBA96wxFPSoQyCaGCLaY8bjB4sxDRGrAMlSVbdaa1z2CcaQR_EYdcyf85W-OjozllxSDx3fJERSKdN-u0uA7kmiZ_fOG_OGQqiNywpL1g~~) |
| Zheng Liu, Haodong Wu, Li Yang, Yaocheng Zhang, Yu Zhang, Yucong He |

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| [Study on properties of AgCuInTi filler metal for active bonding of alumina ceramic](https://links.springernature.com/f/a/vXMTSpSY4tGkmK1luBtcew~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xq49acYELGeq6M1SuNhwryMXyRZzpun4R0VOvtt_QyVd0yBdPqNmGrgAeTxoI3OLglJ3uTjVymMNq8PNlOzOF3IXrpnlABdoa-1Tl6hYTkTp21VE4MghowEU0rSl-URClex5X-cMBOSuno5hwdTX8PnYINi53mdOzbJFs5gBSAPiS9WVBTcfGnVbWWXoNOmiGiUKUcANBn9vdQjkQxd94GC-ve1YM3CKNFGeqII0Li7rmgknZ59JzVcUkO_3b_PEDMkJr3M_-A_3fbnQwa2bLEMQ~~) |
| Linlin Yuan, Xiaomeng Huang, Yuefeng Qi, Xu Liu |

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| [Microstructural evolution of sapphire/Kovar alloy joints brazed with Ag–Cu-Ti filler](https://links.springernature.com/f/a/ISfyl3A7Ia-edZ_Ct7RXRQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqW3sz8Jwr13YGvM521f0yodsyB8QtXUsV7CIhKIhXsxPKQaOEKy9JiRJls9tE8hXrCy6Af99Htjo9oeA2TOq-Ua5u0o9mZj1cePhyhnCtXU-MtXQgWVs6DNvbHislLqZfkcKKVgiifeM90mr_GW_SzyVsLhq2isww6rRPCMOsx1YeIAVRSi3wn10l1PKUyXM-Pp1PPOLaielST10vpUlHo6iDjarJG6tfZ7gWQ6GAp1SyJbR5vTW8nRg7Rz9EFf-tL-qp4rbos-TKfRJCXiSLxA~~) |
| Linlin Yuan, Yinglong Zhang, Yuefeng Qi, Xiaomeng Huang, Xu Liu |

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| [Microstructure evolution and growth kinetics of Cu6Sn5 intermetallic compound at liquid-solid interfaces in Cu/Sn/Cu interconnects under ultrasonic waves](https://links.springernature.com/f/a/e2vzhuXSZVSyAg_hSPXABw~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqW3sz8Jwr13YGvM521f0yoWJVwj5CzYUX_pzOVq38rtaNZyVsMvVxh-tOK7jOu9QFAiLCjFGrH5dSZUpfA34WHt07Bo4IF3D4X6sM3Aev5kzTdow6pcrby6--5r4ql_OatIdktzpN7bKl4ZFQHlwymYsL91EfuFroJm6xkPsP-RiY4n674g51JId53LXMNAdflt2v6ecna_f0ihmNaiMbjHnyftWSVZBDpOdNuDyZHHfeCRxmZxzeWF7pGeox2ja6yIbiyIXN2a7nX_9OY9_drw~~) |
| Hongwei Niu, Hong Bian, Jian Wang, Xiaoguo Song, Hongyun Zhao |

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| [Dissolving brittle phases in Ni-based filler metals by adding W](https://links.springernature.com/f/a/mb_mVYp8Ggh34r1UdtYZcQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqW3sz8Jwr13YGvM521f0yoQHXCx2aRFBsmqURqEcIUUx-Zb5HWnn_WVSUdV6t-Hzfx40VHK104lYwWzZ2EYcanBVXO0NEcgGkvXjBL71xrmfGcGhRqTeAmDMokSvXXS5sLdkx9BYBPWHhKL57OGg_JbyU2hZwcu8NJmLZ5D2aLlvO1kmAIQUW8WUVxBLUlRHB4XNBCdRAazrayV4Lf_db9dIfgmtWRC6u303O7SU2-rhCchkTHekfO86U7keuFKEcZe2hv-re3S1d6LGZnJz6Zw~~) |
| K. Bobzin, H. Heinemann, M. Erck |

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| [Current status of research on the application of high-entropy alloys in the field of brazing](https://links.springernature.com/f/a/XhKlBohtzRatjCWvp1Y_rA~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqW3sz8Jwr13YGvM521f0yoRBf4p2aN1yI_4hfia1t125X08U0Eux7_EHwPTiBsVRqdSXrb4zizQ1gMASD2n43B7HKaQNoKAXi2FcYKxrfJIgdPkO-9G2-m6dyVPSt0hKENv0HTcLe0l0f-r_czGdxdKXEqUi6vuYdUL1cqfKClPyqeFFNh0aT47IafqfCoiBO83-fbhulfeP5muOD8p_zUJiGSxaWix4Tp9JyMuq9-Fjq-E4a3s92sozdQU_YouGq2fA0zHz9CrChC2W84mBWcA~~) |
| Shannan Zhang, Tao Wang, Guanxing Zhang, Jian Qin, Mingzhu You, Tianran Ding, Quanbin Lu, Xingxing Wang, Yuanxun Shen, Wenbin Li |

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| [High-strength heterostructure joint of 6063Al alloys manufactured by ultrasonic-assisted TLP bonding using an Zn/Mg/Zn composite interlayer](https://links.springernature.com/f/a/ZhYQQZSAP0y4dJlLMENeyg~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqW3sz8Jwr13YGvM521f0yoVC7w59fwXIi6daOU-TFnTINUxX4q6cprFHY8Wzhwdug3PurIIEF54ytc8wCsU0H-BBFaMjjAKhE4Evb6xIxO1X7xllfFWhNnq_iWmbFBTFlH-yvKfTK5BAfDPRXHjOK3JNXgLHCfm4k4kfaavOk6zV5QUbmLtAzrj2AyFN24vzjrDWUN7gDYgKAKHzPt9df5DZzVmqfI2tIPky8X9jWjcU3S3VKjInAUkfQFsT2f3mvJiln1kPr66iD9Bq4b2bo2g~~) |
| Yuanming Zhao, Keheng Pu, Guanhong Liu, Pu Zhao, Zhengwei Li, Zhiwu Xu, Jiuchun Yan |

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| [The interface structure of medical Al2O3/Ti-13Nb-13Zr diffusion-bonded joints and their electrochemical corrosion behavior in simulated body fluid](https://links.springernature.com/f/a/txCuD6ti7SqpEAxhbnYLjw~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoGMFOVFP7JcPXIrPGUJNmLAsx6exjkBRESlnQPapfJokNGxPnv77WUh2Vli8T_w79H0osduMq5QeowmZtEFBJQv-FyRGmf100mDBjQx3NezPOQ1eFxnW5AjRYFH1M7G_exsa5IqdiJxabJcHHwxQ1skvqgCxmUAGveIEAo9mGloOwrEvQU9Zh_4WsQQggfeW_fXW9X1CA8Z4pXIy11CZahx3ejn5QNMvSCpZ7oHcZEDA6jgZ8JLi76APQETBX7dGLw~~) |
| Hongwei Niu, Yaqian Liu, Hong Bian, Xiaoguo Song, Hongyun Zhao |

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| [Microstructure and mechanical strength of the active metal brazed Si3N4/Cu joint with AgCuTi/Cu foam/AgCuTi composite filler](https://links.springernature.com/f/a/mk2LRygfSfPqhcJNbkCLtQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoGf8WMPEFc5RPFdqRpydu9Ykrj7_3vY0jSu8SZobDQ6xamxXqvlOapNTso4y_EB4hxQgYrjzarTqK8lXR7Ws9UM5v_cDpe5M7igQutzUSHwbtPQ4mZ8Ksa2BQRkwPeINqnKrp3yAQV7PFV36V4R5bUmTXWUusVPtUaCIf7epo2Nh16EQba0vpC0nxg8uYCVl80Hvnq_W_uuUuNCdrRfdij42KI2ZGQkpweqGrPEh4SJ-ckNHQGGpsTy-xt-aYIrSTw~~) |
| Ying Wang, Wei Feng, Ruizhi Zhang, Ruxia Liu, Yong Xiao, Guoqiang Luo, Qiang Shen, Jian Zhang |

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| [Microstructure and properties of conventional and hybrid joints of IN718 brazed with VZ2177](https://links.springernature.com/f/a/rHPNRTadZ1wXmibSQBvWuw~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoIDr-m9iTpovMJqG5qyedxp6cXBZHn5NjX2SIilyIRoWTbXxYEe_Slhu37HLDPK1Ora7uOSKANf9CkH8CoGrzW_tXuU4_vWtILUOfuY3s1gkqD8ZiphwZgPL4ED7A5hhqTQuXS76-uBQ_yothEzwa0E8sF1zI8VXdMvrEMJE9f0R3g0NJa9SXRDoLBhbBOboP_Wqd_zHS9yBVXx4OnS4Pzyb2KZbbMognHTRt53969AjNXphGzc4WBSfvICgR7JsPA~~) |
| Lukas Wojarski, Julia Bültena, Fabian Frittgen, Wolfgang Tillmann |

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| [Effects of vacuum brazing on microstructure and pseudoelasticity of NiTi shape memory alloy brazements](https://links.springernature.com/f/a/8naaoTRDSsRYqyiA-VJAnQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoBHUBstmRoRO8h9T62PEvL1jS-4Sh1Mf6DeHDbWwmp5sRf2WEhZXPpIkvoQh5_hQ8iM8Z0gPBqWGgPXmkMUjpL_h19mf-aEHx_D5M4BIOLpQXSiSul8e_PjpiO5E-aRSCoHt5KgeYnRIdtF-ndygNGSDNNgM6i2TaXLSj9wWbDUU1zayTit2-42N_LtlE-sh2LrtEmWJ8xbK3n4-i758Q2Dr-nAtOEpOg6O0Cz3cPzLSQoqGpTC7sAlknNzU9n7lXA~~) |
| Lukas Wojarski, Alexa Nebel, Wolfgang Tillmann |

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| [TIG braze welding of rod-type art structures](https://links.springernature.com/f/a/w2JNIJkaXnC2dMpp1dGlwQ~~/AABE5hA~/XWSLhpqHC32NNDyVSk4shVvLfdV1lKdV5FWXrwg8Rq-3ALhsbrQlAwpWziZOZ8xqrmPpbUOdyhnCsTayuvhYoOCfBHfECXqJ0U6CXPP96R0AtjBLFPXv6DsJPpgnHQUvN2KiFggCNAn0a4gB1KhDE946Jt-OheLwojtY_XXKYfLyxfAiqmmgI-eSCA9nTr-yIJRHIrjlS4h3OsCZ1u3PMMbpiEfoNCOQ-0fFCNvfL8UFEWFGIxXnHkXgAaxlSuVWUZ-dQ41zpk3GXmiIBsc46UHuSzBenzRsGztmnYOYwqOi5XycBXTcvHaNL_yiSOudQKoGBZXwcqY0Pl7DopqlXw~~) |
| Serhii Minakov, Yevgenia Chvertko, Nataliya Strelenko, Anton Minakov, Denys Stepanov, Anatoliy Zavdoveev, Dmytro Vdovychenko, Ivan Vdovychenko, Ievgen Byba |

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