

Anã-bal Guedes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Corrosion and tribocorrosion behavior of Ti-B4C composite intended for orthopaedic implants. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 61, 152-163.	3.1	53
2	Multilayered interface in Ti/Macor [®] machinable glass-ceramic joints. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 301, 118-124.	5.6	34
3	Joining Ti-47Al-2Cr-2Nb with a Ti(Cu,Ni)/Ti clad-laminated braze alloy. Journal of Materials Science, 2003, 38, 2409-2414.	3.7	21
4	Active Metal Brazing of Machinable Aluminum Nitride-Based Ceramic to Stainless Steel. Journal of Materials Engineering and Performance, 2012, 21, 671-677.	2.5	18
5	The effect of brazing temperature on the titanium/glass-ceramic bonding. Journal of Materials Processing Technology, 1999, 92-93, 102-106.	6.3	16
6	Corrosion and tribocorrosion behaviour of Ti-B4C composites processed by conventional sintering and hot-pressing technique. Journal of Alloys and Compounds, 2021, 885, 161109.	5.5	16
7	Joining of $\hat{\text{T}}^3$ -TiAl Alloy to Ni-Based Superalloy Using Ag-Cu Sputtered Coated Ti Brazing Filler Foil. Metals, 2018, 8, 723.	2.3	13
8	Microstructure and Strength of $\hat{\text{T}}^3$ -TiAl Alloy/Inconel 718 Brazed Joints. Materials Science Forum, 0, 730-732, 835-840.	0.3	12
9	Corrosion and Tribocorrosion Behavior of Ti-B4C Composites Joined with TiCuNi Brazing Alloy. Journal of Materials Engineering and Performance, 2019, 28, 4972-4982.	2.5	10
10	Joining Ti-47Al-2Cr-2Nb with a Ti-Ni Braze Alloy. Materials Science Forum, 2004, 455-456, 880-884.	0.3	9
11	Joining Alumina to Titanium Alloys Using Ag-Cu Sputter-Coated Ti Brazing Filler. Materials, 2020, 13, 4802.	2.9	9
12	Microstructural Characterisation of $\hat{\text{T}}^3$ -TiAl Joints. Key Engineering Materials, 2002, 230-232, 27-30.	0.4	8
13	Effect of sintering temperature on mechanical and wear behaviour of a ceramic composite. Tribology International, 2018, 120, 502-509.	5.9	8
14	Diffusion Brazing of a $\hat{\text{T}}^3$ -TiAl Alloy Using Tini 67: Microstructural Evolution of the Interface. Materials Science Forum, 2008, 587-588, 425-429.	0.3	5
15	Electrochemical response of Ti joints vacuum brazed with TiCuNi, AgCu, and Ag fillers. Transactions of Nonferrous Metals Society of China, 2021, 31, 999-1011.	4.2	5
16	The Influence of the Processing Temperature on the Microstructure of $\hat{\text{T}}^3$ -TiAl Joints Brazed with a Ti-15Cu-15Ni Alloy. Materials Science Forum, 2003, 426-432, 4159-4166.	0.3	4
17	Assessing the Influence of Heat Treatments on $\hat{\text{T}}^3$ -TiAl Joints. Materials Science Forum, 2006, 514-516, 1333-1337.	0.3	3
18	Influence of the Brazing Filler on the Microstructure of Ti6Al4V Joints. Microscopy and Microanalysis, 2016, 22, 40-41.	0.4	3

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19	Joining of TiAl Alloy Using Novel Ag-Cu Sputtered Coated Ti Brazing Filler. Microscopy and Microanalysis, 2019, 25, 192-195.	0.4	3
20	Joining of Zirconia to Ti6Al4V Using Ag-Cu Sputter-Coated Ti Brazing Filler. Metals, 2022, 12, 358.	2.3	2
21	Study and Optimization of the Drying Process of a Ceramic Abrasive Composite. International Journal of Applied Ceramic Technology, 2016, 13, 308-315.	2.1	1
22	Functionalizing machinable glass-ceramic for jewellery items produced by hot pressing. Microscopy and Microanalysis, 2015, 21, 132-133.	0.4	0