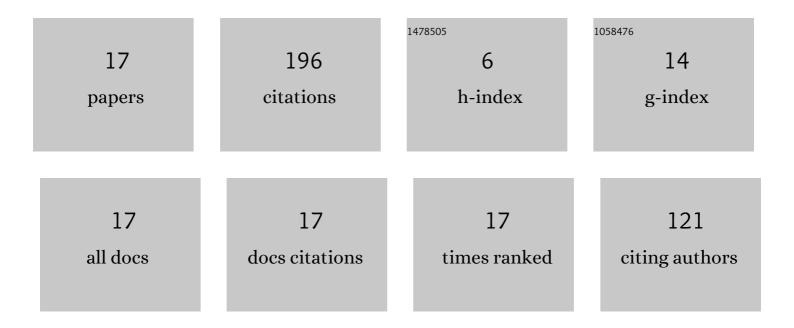
## **Guang Yang**

List of Publications by Year in descending order

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GUANC YANG

#	Article	IF	CITATIONS
1	Microstructure control of Ti 45Al 8.5Nb (W, B, Y) alloy during the solidification process. Acta Materialia, 2016, 112, 121-131.	7.9	62
2	In-situ investigation on the β to α phase transformation in Ti–45Al–8.5Nb–(W, B, Y) alloy. Journal of Alloys and Compounds, 2016, 663, 594-600.	5.5	39
3	Phase precipitation behavior of a quenched β-solidifying TiAl alloy with a fully-B2 microstructure during annealing at 800°C. Journal of Alloys and Compounds, 2020, 812, 152118.	5.5	20
4	Multi-step heat treatment design for nano-scale lamellar structures of a cast Ti-45Al-8.5Nb-(W, B, Y) alloy. Intermetallics, 2016, 79, 35-40.	3.9	14
5	Characterization of a New Microstructure in a β-Solidifying TiAl Alloy after Air-Cooling from a β Phase Field and Subsequent Tempering. Metals, 2018, 8, 156.	2.3	14
6	Microstructure and Metastable Phase in Rapidly Solidified TiAl Alloy Prepared by Vacuum Suction Casting. Crystal Research and Technology, 2019, 54, 1900054.	1.3	7
7	Microstructure refinement of Ti-40Al-8Nb alloys via the decomposition of the metastable B2 phase at 1000°C. Journal of Alloys and Compounds, 2020, 838, 155575.	5.5	7
8	Effect of pre-deformation in the β phase field on the microstructure and texture of the α phase in a boron-added β-solidifying TiAl alloy. Journal of Alloys and Compounds, 2018, 742, 304-311.	5.5	6
9	Deformation Behavior of a β-Solidifying TiAl Alloy within β Phase Field and Its Effect on the β→α Transformation. Metals, 2018, 8, 605.	2.3	5
10	Microstructural Refinement of a Tiâ€40Alâ€8Nbâ€0.5B Alloy by Hot Deformation Within (α+β) Phase Field and Subsequent Tempering. Advanced Engineering Materials, 2019, 21, 1900239.	3.5	5
11	Origin of Inhomogeneous Microstructure in As ast Ti–45Al–8.5Nb–(W, B, Y) Alloy at Different Cooling Rates. Advanced Engineering Materials, 2016, 18, 1645-1650.	3.5	4
12	Feathery Microstructure Formation of Ti48Al2Cr2Nb Alloy by Rapidly Quenched Solidification. Crystal Research and Technology, 2018, 53, 1800041.	1.3	4
13	Responses of microstructure and texture of α phase to boron addition in Ti-40Al-8Nb-xB alloys modified by hot deformation above the β transus. Materials Characterization, 2019, 153, 148-156.	4.4	3
14	Microstructural feature dependence of dry sliding wear behaviors in a Î <sup>3</sup> -TiAl alloy. Wear, 2021, 484-485, 204039.	3.1	3
15	Phase transformation behavior of Ti–40Al–8Nb alloys with a submicron (ω0+γ) microstructure during tempering at 1000°C. Journal of Materials Research and Technology, 2022, 18, 315-324.	5.8	2
16	Effect of Deformation Temperature on the Microstructure Characteristics of α Phase in Tiâ€40Alâ€8Nbâ€0.5B Alloys. Crystal Research and Technology, 2020, 55, 1900183.	1.3	1
17	Hot Deformation Behavior of a Ti-40Al-10V Alloy with Quenching-Tempering Microstructure. Materials, 2018, 11, 872.	2.9	0