

# Aya Takase

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8967368/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Lattice distortion in selective laser melting (SLM)-manufactured unstable $\beta$ -type Ti-15Mo-5Zr-3Al alloy analyzed by high-precision X-ray diffractometry. Scripta Materialia, 2021, 201, 113953.	5.2	39
2	Surface residual stress and phase stability in unstable $\beta$ -type Ti-15Mo-5Zr-3Al alloy manufactured by laser and electron beam powder bed fusion technologies. Additive Manufacturing, 2021, 47, 102257.	3.0	17
3	Comparison of Phase Characteristics and Residual Stresses in Ti-6Al-4V Alloy Manufactured by Laser Powder Bed Fusion (L-PBF) and Electron Beam Powder Bed Fusion (EB-PBF) Techniques. Crystals, 2021, 11, 796.	2.2	13
4	Foam Porosity Calculation by X-Ray Computed Tomography and Errors Caused by Insufficient Resolution. Microscopy and Microanalysis, 2018, 24, 546-547.	0.4	2