

# Yi Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8490344/publications.pdf>

Version: 2024-02-01

9  
papers

211  
citations

1684188  
5  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Texture evolution and dynamic recrystallization in a beta titanium alloy during hot-rolling process. Journal of Alloys and Compounds, 2015, 618, 146-152.	5.5	67
2	An experimental study on the mechanism of texture evolution during hot-rolling process in a $\beta^2$ titanium alloy. Journal of Alloys and Compounds, 2014, 603, 23-27.	5.5	46
3	Diffusion Research in BCC Ti-Al-Mo Ternary Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1647-1652.	2.2	44
4	Microstructure and texture evolution of a near $\beta^2$ titanium alloy Ti-7333 during continuous cooling hot deformation. Progress in Natural Science: Materials International, 2019, 29, 50-56.	4.4	21
5	Characterization of a New Microstructure in a $\beta^2$ -Solidifying TiAl Alloy after Air-Cooling from a $\beta^2$ Phase Field and Subsequent Tempering. Metals, 2018, 8, 156.	2.3	14
6	Invited paper: Kinetic diffusion multiple: A high-throughput approach to screening the composition-microstructure-micromechanical properties relationships. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2018, 61, 219-226.	1.6	6
7	Kinetic Diffusion Couple for Mapping Microstructural and Mechanical Data on Ti-Al-Mo Titanium Alloys. Materials, 2018, 11, 1112.	2.9	6
8	Deformation Behavior of a $\beta^2$ -Solidifying TiAl Alloy within $\beta^2$ Phase Field and Its Effect on the $\beta^2 \rightarrow \beta^1$ Transformation. Metals, 2018, 8, 605.	2.3	5
9	Experimental Evidence of Precipitation of All 12 Variants in a Single $\beta^2$ Grain in Titanium Alloys. Advances in Materials Science and Engineering, 2018, 2018, 1-7.	1.8	2