

Patrick R Cantwell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2625678/publications.pdf>

Version: 2024-02-01

12
papers

1,221
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1440
citing authors

#	ARTICLE	IF	CITATIONS
1	Grain Boundary Complexion Transitions. Annual Review of Materials Research, 2020, 50, 465-492.	9.3	96
2	Review of grain boundary complexion engineering: Know your boundaries. Journal of the American Ceramic Society, 2019, 102, 778-800.	3.8	46
3	Segregation-induced ordered superstructures at general grain boundaries in a nickel-bismuth alloy. Science, 2017, 358, 97-101.	12.6	130
4	A Grain Boundary "TTT" "Tribute to Thomas". Microscopy and Microanalysis, 2016, 22, 1230-1231.	0.4	0
5	Complexion time-temperature-transformation (TTT) diagrams: Opportunities and challenges. Current Opinion in Solid State and Materials Science, 2016, 20, 316-323.	11.5	31
6	The influence of oxygen contamination on the thermal stability and hardness of nanocrystalline Ni-W alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 664, 49-57.	5.6	38
7	Expanding time-temperature-transformation (TTT) diagrams to interfaces: A new approach for grain boundary engineering. Acta Materialia, 2016, 106, 78-86.	7.9	73
8	Grain boundary segregation in Al-Mn electrodeposits prepared from ionic liquid. Journal of Materials Science, 2016, 51, 438-448.	3.7	21
9	Grain boundary complexions. Acta Materialia, 2014, 62, 1-48.	7.9	660
10	A grain boundary phase transition in Si-Au. Scripta Materialia, 2012, 66, 203-206.	5.2	38
11	Crystallization and electrochemical performance of La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} -Ce _{0.8} Gd _{0.2} O _{1.9} thin film cathodes processed by single solution spray pyrolysis. Solid State Ionics, 2011, 203, 62-68.	2.7	6
12	Multimodal grain size distribution and high hardness in fine grained tungsten fabricated by spark plasma sintering. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 5670-5677.	5.6	82