

# Trevor B Abbott

## List of Publications by Year in descending order

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6  
papers

188  
citations

1684188

5  
h-index

1872680

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Magnesium Die-Casting Alloys for Elevated Temperature Applications: Microstructure, Tensile Properties, and Creep Resistance. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 3543-3554.	2.2	116
2	The Influence of Individual Rare Earth Elements (La, Ce, or Nd) on Creep Resistance of Die-Cast Magnesium Alloy AE44. <i>Advanced Engineering Materials</i> , 2016, 18, 932-937.	3.5	38
3	Revisiting the intermetallic phases in high-pressure die-cast Mg <sub>4</sub> Al <sub>4</sub> Ce and Mg <sub>4</sub> Al <sub>4</sub> La alloys. <i>Materials Characterization</i> , 2019, 156, 109839.	4.4	12
4	(Al,Mg) <sub>3</sub> La: a new phase in the Mg-Al-La system. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 370-375.	1.1	11
5	Solidification path and microstructure evolution of Mg-3Al-14La alloy: Implications for the Mg-rich corner of the Mg-Al-La phase diagram. <i>Journal of Alloys and Compounds</i> , 2019, 784, 527-534.	5.5	7
6	A rational interpretation of solidification microstructures in the Mg-rich corner of the Mg-Al-La system. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156068.	5.5	4