

# Arman Afshar

## List of Publications by Year in descending order

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7  
papers

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citations

1307594

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1720034

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7  
times ranked

791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the chemo-mechanical behavior of all-solid-state batteries: a review.. <i>Meccanica</i> , 2021, 56, 1523-1554.	2.0	41
2	Electrochemically reconfigurable architected materials. <i>Nature</i> , 2019, 573, 205-213.	27.8	145
3	Visualizing Chemomechanical Degradation of a Solid-State Battery Electrolyte. <i>ACS Energy Letters</i> , 2019, 4, 1475-1483.	17.4	196
4	Stable discontinuous space-time analysis of dynamic interface crack growth in orthotropic bi-materials using oscillatory crack tip enrichment functions. <i>International Journal of Mechanical Sciences</i> , 2018, 140, 557-580.	6.7	10
5	Numerical study of thermo-mechanical coupling effects on crack tip fields of mixed-mode fracture in pseudoelastic shape memory alloys. <i>International Journal of Solids and Structures</i> , 2016, 81, 160-178.	2.7	22
6	Transient analysis of stationary interface cracks in orthotropic bi-materials using oscillatory crack tip enrichments. <i>Composite Structures</i> , 2016, 142, 200-214.	5.8	10
7	Numerical analysis of crack tip fields in interface fracture of SMA/elastic bi-materials. <i>International Journal of Fracture</i> , 2015, 195, 39-52.	2.2	13