

# Arman Afshar

## List of Publications by Year in descending order

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citations

1307594

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docs citations

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times ranked

791  
citing authors

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