

Alessandro Leronni

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

111
citations

1684188
5
h-index

1720034
7
g-index

13
all docs

13
docs citations

13
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling actuation and sensing in ionic polymer metal composites by electrochemo-poromechanics. <i>Journal of the Mechanics and Physics of Solids</i> , 2021, 148, 104292.	4.8	35
2	An alternative explanation of back-relaxation in ionic polymer metal composites. <i>Extreme Mechanics Letters</i> , 2017, 13, 78-83.	4.1	34
3	Influence of shear on sensing of ionic polymer metal composites. <i>European Journal of Mechanics, A/Solids</i> , 2019, 77, 103750.	3.7	14
4	On the coupling of mechanics with bioelectricity and its role in morphogenesis. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200177.	3.4	14
5	Accurate modelling of the linear elastic flexure of composite beams warped by midlayer slip, with emphasis on concrete-timber systems. <i>International Journal of Mechanical Sciences</i> , 2014, 87, 268-280.	6.7	8
6	Modeling the mechanobioelectricity of cell clusters. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 535-554.	2.8	3
7	Delamination of a sandwich layer by diffusion of a corrosive species: Initiation of growth. <i>Journal of the Mechanics and Physics of Solids</i> , 2022, 160, 104775.	4.8	3