Dong-Jia Yan

List of Publications by Citations

Source: https://exaly.com/author-pdf/8642543/dong-jia-yan-publications-by-citations.pdf
Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14	264	10	15
papers	citations	h-index	g-index
15	406	7.8	4.19
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
14	Soft three-dimensional network materials with rational bio-mimetic designs. *Nature Communications*, **2020**, 11, 1180	17.4	57
13	Mechanics of unusual soft network materials with rotatable structural nodes. *Journal of the Mechanics and Physics of Solids*, **2021**, 146, 104210	5	30
12	Propagation of guided elastic waves in nanoscale layered periodic piezoelectric composites. *European Journal of Mechanics, A/Solids*, **2017**, 66, 158-167	3.7	29
11	In-plane elastic wave propagation in nanoscale periodic layered piezoelectric structures. *International Journal of Mechanical Sciences*, **2018**, 142-143, 276-288	5.5	27
10	Anti-plane transverse waves propagation in nanoscale periodic layered piezoelectric structures. *Ultrasonics*, **2016**, 65, 154-64	3.5	23
9	A nonlinear mechanics model of soft network metamaterials with unusual swelling behavior and tunable phononic band gaps. *Composites Science and Technology*, **2019**, 183, 107822	8.6	17
8	A meshless collocation method for band structure simulation of nanoscale phononic crystals based on nonlocal elasticity theory. *Journal of Computational Physics*, **2020**, 408, 109268	4.1	15
7	In-plane elastic wave propagation in nanoscale periodic piezoelectric/piezomagnetic laminates. *International Journal of Mechanical Sciences*, **2019**, 153-154, 416-429	5.5	15
6	Highly-integrated, miniaturized, stretchable electronic systems based on stacked multilayer network materials.. *Science Advances*, **2022**, 8, eabm3785	14.3	15
5	Design, fabrication and applications of soft network materials. *Materials Today*, **2021**,	21.8	11
4	Rapidly deployable and morphable 3D mesostructures with applications in multimodal biomedical devices. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	10
3	Wave propagation in one-dimensional fluid-saturated porous phononic crystals with partial-open pore interfaces. *International Journal of Mechanical Sciences*, **2021**, 195, 106227	5.5	9
2	Size-effect on the band structures of the transverse elastic wave propagating in nanoscale periodic laminates. *International Journal of Mechanical Sciences*, **2020**, 180, 105669	5.5	6
1	Mechanics of three-dimensional soft network materials with a class of bio-inspired designs. *Journal of Applied Mechanics, Transactions ASME*,1-45	2.7	0