

# Qiongxuan Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7292569/publications.pdf>

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12  
papers

156  
citations

1162367

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h-index

1199166

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13  
all docs

13  
docs citations

13  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional crack bridging model of biological materials with twisted Bouligand structures. <i>Journal of the Mechanics and Physics of Solids</i> , 2022, 159, 104729.	2.3	18
2	Fracture toughness analysis of helical fiber-reinforced biocomposites. <i>Journal of the Mechanics and Physics of Solids</i> , 2021, 146, 104206.	2.3	22
3	Genomic basis of environmental adaptation in the leathery sea squirt ( <i>Styela clava</i> ). <i>Molecular Ecology Resources</i> , 2020, 20, 1414-1431.	2.2	21
4	<i>Ciona</i> embryonic tail bending is driven by asymmetrical notochord contractility and coordinated by epithelial proliferation. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	16
5	Multiscale fracture mechanics model for the dorsal closure in <i>Drosophila</i> embryogenesis. <i>Journal of the Mechanics and Physics of Solids</i> , 2019, 127, 154-166.	2.3	9
6	Ultrastructural organization of NompC in the mechanoreceptive organelle of <i>Drosophila</i> campaniform mechanoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7343-7352.	3.3	21
7	Morphogenesis: a focus on marine invertebrates. <i>Marine Life Science and Technology</i> , 2019, 1, 28-40.	1.8	9
8	Ascidian notochord elongation. <i>Developmental Biology</i> , 2019, 448, 147-153.	0.9	19
9	Water molecules on the liquid superlubricity interfaces achieved by phosphoric acid solution. <i>Biosurface and Biotribology</i> , 2018, 4, 94-98.	0.6	10
10	Preliminary Similarity Analysis on the Deformation Dynamic Response of Thin Plates Subjected to Blast and Impact Loadings. <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 583-594.	1.0	1
11	Reformation of tissue balls from tentacle explants of coral <i>Goniopora lobata</i> : self-organization process and response to environmental stresses. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 111-122.	0.7	3
12	Bauschinger and size effects in thin-film plasticity due to defect-energy of geometrical necessary dislocations. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2011, 27, 266-276.	1.5	5