

# Poorya Chavoshnejad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9614464/publications.pdf>

Version: 2024-02-01

10  
papers

144  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gyral peaks: Novel gyral landmarks in developing macaque brains. <i>Human Brain Mapping</i> , 2022, 43, 4540-4555.	3.6	8
2	Role of axonal fibers in the cortical folding patterns: A tale of variability and regularity. <i>Brain Multiphysics</i> , 2021, 2, 100029.	2.3	20
3	Geometrical nonlinear elasticity of axon under tension: A coarse-grained computational study. <i>Biophysical Journal</i> , 2021, 120, 3697-3708.	0.5	4
4	Effect of collagen degradation on the mechanical behavior and wrinkling of skin. <i>Physical Review E</i> , 2021, 104, 034406.	2.1	18
5	Effect of interfiber bonding on the rupture of electrospun fibrous mats. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 025302.	2.8	14
6	Hyperelastic material properties of axonal fibers in brain white matter. <i>Brain Multiphysics</i> , 2021, 2, 100035.	2.3	10
7	Biofluidâ€Permeable Electronics: Electronicâ€ECM: A Permeable Microporous Elastomer for an Advanced Bioâ€Integrated Continuous Sensing Platform ( <i>Adv. Mater. Technol.</i> 7/2020). <i>Advanced Materials Technologies</i> , 2020, 5, 2070043.	5.8	1
8	Effect of the Interfiber Bonding on the Mechanical Behavior of Electrospun Fibrous Mats. <i>Scientific Reports</i> , 2020, 10, 7709.	3.3	37
9	From surface microrelief to big wrinkles in skin: A mechanical in-silico model. <i>Extreme Mechanics Letters</i> , 2020, 36, 100647.	4.1	18
10	Electronicâ€ECM: A Permeable Microporous Elastomer for an Advanced Bioâ€Integrated Continuous Sensing Platform. <i>Advanced Materials Technologies</i> , 2020, 5, 2000242.	5.8	14