

# 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

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citations

1307594

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h-index

1372567

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docs citations

10  
times ranked

141  
citing authors

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