

# Hessein Ali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3554661/publications.pdf>

Version: 2024-02-01

14  
papers

214  
citations

1307366

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h-index

1199470

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14  
docs citations

14  
times ranked

134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Model of Mechano-Electrochemical Effect of Aluminum Alloys Corrosion. Journal of Engineering for Gas Turbines and Power, 2022, 144, .	0.5	7
2	Fouling of mammalian hair fibres exposed to a titanium dioxide colloidal suspension. Journal of the Royal Society Interface, 2022, 19, 20210904.	1.5	2
3	Hydrodynamics and surface properties influence biofilm proliferation. Advances in Colloid and Interface Science, 2021, 288, 102336.	7.0	107
4	Fish scales: Primitive basis for modern metamaterials. Europhysics Letters, 2021, 133, 68001.	0.7	6
5	Bacterial streamers as colloidal systems: Five grand challenges. Journal of Colloid and Interface Science, 2021, 594, 265-278.	5.0	14
6	Tailorable Stiffness Lightweight Soft Robotic Materials with Architected Exoskeleton. , 2020, , .		0
7	Biomechanical evaluation of femoral anteversion in developmental dysplasia of the hip and potential implications for closed reduction. Clinical Biomechanics, 2020, 72, 179-185.	0.5	4
8	Coulomb friction in twisting of biomimetic scale-covered substrate. Bioinspiration and Biomimetics, 2020, 15, 056013.	1.5	8
9	Frictional Damping from Biomimetic Scales. Scientific Reports, 2019, 9, 14628.	1.6	18
10	Tailorable twisting of biomimetic scale-covered substrate. Europhysics Letters, 2019, 127, 24002.	0.7	13
11	Tailorable elasticity of cantilever using spatio-angular functionally graded biomimetic scales. Mechanics of Soft Materials, 2019, 1, 1.	0.4	12
12	Bending of biomimetic scale covered beams under discrete non-periodic engagement. International Journal of Solids and Structures, 2019, 166, 22-31.	1.3	19
13	Mechanical Presses Driven by a Geared Five-Bar with Sliding Output to Produce a Prolonged Dwell. Mechanisms and Machine Science, 2019, , 309-318.	0.3	0
14	The Synthesis of Function Generating Mechanisms for Periodic Curves Using Large Numbers of Double-Crank Linkages. Journal of Mechanisms and Robotics, 2017, 9, .	1.5	4