

# Bashar Emon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4890808/publications.pdf>

Version: 2024-02-01

9  
papers

489  
citations

1464605

7  
h-index

1526636

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

914  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel method for sensor-based quantification of single/multicellular force dynamics and stiffening in 3D matrices. <i>Science Advances</i> , 2021, 7, .	4.7	11
2	Dose-independent threshold illumination for non-invasive time-lapse fluorescence imaging of live cells. <i>Extreme Mechanics Letters</i> , 2021, 46, 101249.	2.0	6
3	A portable pen-sized instrumentation to measure stiffness of soft tissues in vivo. <i>Scientific Reports</i> , 2021, 11, 378.	1.6	6
4	Increased stiffness of the tumor microenvironment in colon cancer stimulates cancer associated fibroblast-mediated prometastatic activin A signaling. <i>Scientific Reports</i> , 2020, 10, 50.	1.6	72
5	Performance of fabrics for home-made masks against the spread of COVID-19 through droplets: A quantitative mechanistic study. <i>Extreme Mechanics Letters</i> , 2020, 40, 100924.	2.0	123
6	A novel technique for <i>in situ</i> uniaxial tests of self-assembled soft biomaterials. <i>Lab on A Chip</i> , 2019, 19, 1153-1161.	3.1	10
7	Biophysics of Tumor Microenvironment and Cancer Metastasis - A Mini Review. <i>Computational and Structural Biotechnology Journal</i> , 2018, 16, 279-287.	1.9	190
8	Improving performance of light weight concrete with brick chips using low cost steel wire fiber. <i>Construction and Building Materials</i> , 2016, 106, 575-583.	3.2	22
9	Effect of Carbon Nanotube Size on Compressive Strengths of Nanotube Reinforced Cementitious Composites. <i>Journal of Materials</i> , 2014, 2014, 1-8.	0.1	31