

# Md Sarker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2801708/publications.pdf>

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9  
papers

545  
citations

1039880

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1474057

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12  
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12  
docs citations

12  
times ranked

912  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D biofabrication of vascular networks for tissue regeneration: A report on recent advances. Journal of Pharmaceutical Analysis, 2018, 8, 277-296.	2.4	128
2	Indirect 3D bioprinting and characterization of alginate scaffolds for potential nerve tissue engineering applications. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 93, 183-193.	1.5	76
3	Equilibrium and Kinetic Behaviour of CO2 Adsorption onto Zeolites, Carbon Molecular Sieve and Activated Carbons. Energy Procedia, 2017, 114, 2450-2459.	1.8	70
4	Bioprinting Schwann cell-laden scaffolds from low-viscosity hydrogel compositions. Journal of Materials Chemistry B, 2019, 7, 4538-4551.	2.9	54
5	Dispensing-based bioprinting of mechanically-functional hybrid scaffolds with vessel-like channels for tissue engineering applications – A brief review. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 78, 298-314.	1.5	53
6	Experimental approaches to vascularisation within tissue engineering constructs. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 683-734.	1.9	52
7	Process-induced cell damage: pneumatic versus screw-driven bioprinting. Biofabrication, 2020, 12, 025011.	3.7	47
8	Bioprinting of Vascularized Tissue Scaffolds: Influence of Biopolymer, Cells, Growth Factors, and Gene Delivery. Journal of Healthcare Engineering, 2019, 2019, 1-20.	1.1	38
9	Modeling of the Mechanical Behavior of 3D Bioplotted Scaffolds Considering the Penetration in Interlocked Strands. Applied Sciences (Switzerland), 2018, 8, 1422.	1.3	24