

# Birhanu Belay

## List of Publications by Year in descending order

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8  
papers

71  
citations

1684188

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1720034

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docs citations

8  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical projection tomography as a quantitative tool for analysis of cell morphology and density in 3D hydrogels. Scientific Reports, 2021, 11, 6538.	3.3	11
2	Optical Projection Tomography for Particle Counting and Morphology Analysis. IFMBE Proceedings, 2021, , 944-951.	0.3	1
3	Gaussian Light Model in Brightfield Optical Projection Tomography. Scientific Reports, 2019, 9, 13934.	3.3	7
4	Bioactive glass ions induce efficient osteogenic differentiation of human adipose stem cells encapsulated in gellan gum and collagen type I hydrogels. Materials Science and Engineering C, 2019, 99, 905-918.	7.3	38
5	A mathematical model and iterative inversion for fluorescent optical projection tomography. Physics in Medicine and Biology, 2019, 64, 045017.	3.0	6
6	Optical Projection Tomography Imaging of Single Cells in 3D Gellan Gum Hydrogel. IFMBE Proceedings, 2018, , 996-999.	0.3	6
7	Computational model for multifocal imaging in optical projection tomography and numerical analysis of all-in-focus fusion in tomographic image reconstruction. IFMBE Proceedings, 2018, , 282-285.	0.3	1
8	Computational model for simulating multifocal imaging in optical projection tomography. , 2017, , .		1