

# Paul William Sweeney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8801194/publications.pdf>

Version: 2024-02-01

7  
papers

206  
citations

1684188

5  
h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational fluid dynamics with imaging of cleared tissue and of in vivo perfusion predicts drug uptake and treatment responses in tumours. <i>Nature Biomedical Engineering</i> , 2018, 2, 773-787.	22.5	91
2	Insights into cerebral haemodynamics and oxygenation utilising in vivo mural cell imaging and mathematical modelling. <i>Scientific Reports</i> , 2018, 8, 1373.	3.3	36
3	Modelling the transport of fluid through heterogeneous, whole tumours in silico. <i>PLoS Computational Biology</i> , 2019, 15, e1006751.	3.2	35
4	A hybrid discrete-continuum approach for modelling microcirculatory blood flow. <i>Mathematical Medicine and Biology</i> , 2020, 37, 40-57.	1.2	17
5	A four-compartment multiscale model of fluid and drug distribution in vascular tumours. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 36, e3315.	2.1	12
6	Multifluorescence High-Resolution Episcopic Microscopy for 3D Imaging of Adult Murine Organs. <i>Advanced Photonics Research</i> , 2021, 2, 2100110.	3.6	8
7	A mathematical investigation into the uptake kinetics of nanoparticles in vitro. <i>PLoS ONE</i> , 2021, 16, e0254208.	2.5	2