

# Paul William Sweeney

## List of Publications by Year in descending order

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

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