Jeremy D Woodward

List of Publications by Year
in descending order

18	330	933447 10	1058476 14
papers	citations	h-index	g-index

20	20	20	372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of Mycobacterium tuberculosis bacilli in bio-aerosols from untreated TB patients. Gates Open Research, 2017, 1, 11.	1.1	58
2	Detection of Mycobacterium tuberculosis bacilli in bio-aerosols from untreated TB patients. Gates Open Research, 2017, 1, 11.	1.1	54
3	Real-Time Investigation of Tuberculosis Transmission: Developing the Respiratory Aerosol Sampling Chamber (RASC). PLoS ONE, 2016, 11, e0146658.	2.5	40
4	A 3D digital reconstruction of the components of the gas exchange tissue of the lung of the muscovy duck, Cairina moschata. Journal of Anatomy, 2005, 206, 477-492.	1.5	37
5	Study of the structure of the air and blood capillaries of the gas exchange tissue of the avian lung by serial section three-dimensional reconstruction. Journal of Microscopy, 2008, 230, 84-93.	1.8	33
6	Threeâ€Ðimensional Serial Section Computer Reconstruction of the Arrangement of the Structural Components of the Parabronchus of the Ostrich, Struthio Camelus Lung. Anatomical Record, 2009, 292, 1685-1698.	1.4	24
7	Substrate specificity of plant nitrilase complexes is affected by their helical twist. Communications Biology, 2018, 1, 186.	4.4	21
8	Cryo-EM and directed evolution reveal how Arabidopsis nitrilase specificity is influenced by its quaternary structure. Communications Biology, 2019, 2, 260.	4.4	15
9	Threeâ€dimensional reconstruction of biological macromolecular complexes from inâ€lens scanning electron micrographs. Journal of Microscopy, 2009, 234, 287-292.	1.8	13
10	Three-dimensional reconstruction of Heterocapsa circularisquama RNA virus by electron cryo-microscopy. Journal of General Virology, 2011, 92, 1960-1970.	2.9	12
11	Shotgun EM of mycobacterial protein complexes during stationary phase stress. Current Research in Structural Biology, 2020, 2, 204-212.	2.2	8
12	Tomography of asymmetric bulk specimens imaged by scanning electron microscopy. Ultramicroscopy, 2010, 110, 170-175.	1.9	6
13	Macromolecular 3D SEM reconstruction strategies: Signal to noise ratio and resolution. Ultramicroscopy, 2014, 144, 43-49.	1.9	4
14	<scp>Cryoâ€EM</scp> reveals mechanisms of angiotensin Iâ€converting enzyme allostery and dimerization. EMBO Journal, 2022, 41, .	7.8	4
15	Three-Dimensional Serial Section Computer Reconstruction of the Arrangement of the Structural Components of the Parabronchus of the Ostrich,Struthio CamelusLung. Anatomical Record, 2009, 292, spc1-spc1.	1.4	0
16	The Basement Membrane: Key to the Reverse Engineering Biological Tissues. Computer-Aided Design and Applications, 2011, 8, 59-70.	0.6	0
17	3D Computer Reconstruction of the Airway and the Vascular Systems of the Lung of the Domestic Fowl, Gallus gallus Variant domesticu. Journal of Applied Mathematics and Computation, 2021, 5, 89-104.	0.3	0
18	Threeâ€dimensional reconstruction of the airâ€and blood capillaries of the avian lung. FASEB Journal, 2008, 22, 583.2.	0.5	0