Ariana Peck

List of Publications by Year
in descending order

17 papers	1,446 citations	687363 13 h-index	996975 15 g-index
22 all docs	22 docs citations	22 times ranked	3077 citing authors

#	Article	IF	Citations
1	Montage electron tomography of vitrified specimens. Journal of Structural Biology, 2022, 214, 107860.	2.8	20
2	Challenges in solving structures from radiation-damaged tomograms of protein nanocrystals assessed by simulation. Acta Crystallographica Section D: Structural Biology, 2021, 77, 572-586.	2.3	0
3	X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. Science, 2021, 372, 642-646.	12.6	240
4	Montage cryo-electron tomography: imaging a large field-of-view without sacrificing resolution. Microscopy and Microanalysis, 2021, 27, 2566-2568.	0.4	1
5	Engineering a Single-Agent Cytokine/Antibody Fusion That Selectively Expands Regulatory T Cells for Autoimmune Disease Therapy. Journal of Immunology, 2018, 201, 2094-2106.	0.8	58
6	Intermolecular correlations are necessary to explain diffuse scattering from protein crystals. IUCrJ, 2018, 5, 211-222.	2.2	24
7	Conformational heterogeneity of the calmodulin binding interface. Nature Communications, 2016, 7, 10910.	12.8	49
8	Tungstate as a Transition State Analog for Catalysis by Alkaline Phosphatase. Journal of Molecular Biology, 2016, 428, 2758-2768.	4.2	22
9	Extensive site-directed mutagenesis reveals interconnected functional units in the alkaline phosphatase active site. ELife, 2015, 4, .	6.0	57
10	Structure of the BRAF-MEK Complex Reveals a Kinase Activity Independent Role for BRAF in MAPK Signaling. Cancer Cell, 2014, 26, 402-413.	16.8	173
11	Mechanism of MEK inhibition determines efficacy in mutant KRAS- versus BRAF-driven cancers. Nature, 2013, 501, 232-236.	27.8	270
12	A BRAFâ€MEK complex reveals the molecular basis of oncogenic mutations. FASEB Journal, 2013, 27, 1031.11.	0.5	0
13	Alternative activation in systemic juvenile idiopathic arthritis monocytes. Clinical Immunology, 2012, 142, 362-372.	3.2	56
14	Distribution of circulating cells in systemic juvenile idiopathic arthritis across disease activity states. Clinical Immunology, 2010, 134, 206-216.	3.2	66
15	Plasticity of Tâ€cell phenotype and function: the T helper type 17 example. Immunology, 2010, 129, 147-153.	4.4	148
16	Precarious Balance: Th17 Cells in Host Defense. Infection and Immunity, 2010, 78, 32-38.	2.2	184
17	Breaking old paradigms: Th17 cells in autoimmune arthritis. Clinical Immunology, 2009, 132, 295-304.	3.2	71