Brian E Watts

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8009667/publications.pdf

Version: 2024-02-01

14	1,090	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	1567
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	B cells expressing IgM B cell receptors of HIV-1 neutralizing antibodies discriminate antigen affinities by sensing binding association rates. Cell Reports, 2022, 39, 111021.	6.4	6
2	Feasibility of Developing Radiotracers for MDM2: Synthesis and Preliminary Evaluation of an 18F-Labeled Analogue of the MDM2 Inhibitor SP-141. Pharmaceuticals, 2021, 14, 358.	3.8	2
3	HIV envelope antigen valency on peptide nanofibers modulates antibody magnitude and binding breadth. Scientific Reports, 2021, 11, 14494.	3.3	6
4	Cold sensitivity of the SARS-CoV-2 spike ectodomain. Nature Structural and Molecular Biology, 2021, 28, 128-131.	8.2	65
5	Determinants of Tenascin-C and HIV-1 envelope binding and neutralization. Mucosal Immunology, 2019, 12, 1004-1012.	6.0	18
6	Selection of immunoglobulin elbow region mutations impacts interdomain conformational flexibility in HIV-1 broadly neutralizing antibodies. Nature Communications, 2019, 10, 654.	12.8	34
7	Cooperation between somatic mutation and germline-encoded residues enables antibody recognition of HIV-1 envelope glycans. PLoS Pathogens, 2019, 15, e1008165.	4.7	5
8	Targeted selection of HIV-specific antibody mutations by engineering B cell maturation. Science, 2019, 366, .	12.6	118
9	Quantitative Characterization of Bivalent Probes for a Dual Bromodomain Protein, Transcription Initiation Factor TFIID Subunit 1. Biochemistry, 2018, 57, 2140-2149.	2.5	16
10	Enrichment of endogenous fractalkine and anti-inflammatory cells via aptamer-functionalized hydrogels. Biomaterials, 2017, 142, 52-61.	11.4	31
11	Ribonucleotide incorporation by yeast DNA polymerase Î¶. DNA Repair, 2014, 18, 63-67.	2.8	20
12	Proofreading of ribonucleotides inserted into DNA by yeast DNA polymerase É›. DNA Repair, 2012, 11, 649-656.	2.8	56
13	Genome instability due to ribonucleotide incorporation into DNA. Nature Chemical Biology, 2010, 6, 774-781.	8.0	346
14	Abundant ribonucleotide incorporation into DNA by yeast replicative polymerases. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4949-4954.	7.1	367