Daniel J Slade

List of Publications by Year in descending order

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35 papers	2,124 citations	430442 18 h-index	395343 33 g-index
48 all docs	48 docs citations	48 times ranked	2989 citing authors

#	Article	IF	Citations
1	Inhibition of PAD4 activity is sufficient to disrupt mouse and human NET formation. Nature Chemical Biology, 2015, 11, 189-191.	3.9	544
2	Activation of PAD4 in NET formation. Frontiers in Immunology, 2012, 3, 360.	2.2	311
3	Peptidylarginine deiminase 2-catalyzed histone H3 arginine 26 citrullination facilitates estrogen receptor Î± target gene activation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13331-13336.	3.3	173
4	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. Trends in Cancer, 2020, 6, 192-204.	3.8	162
5	Fusobacterium nucleatum host-cell binding and invasion induces IL-8 and CXCL1 secretion that drives colorectal cancer cell migration. Science Signaling, 2020, 13, .	1.6	148
6	Protein Arginine Deiminase 2 Binds Calcium in an Ordered Fashion: Implications for Inhibitor Design. ACS Chemical Biology, 2015, 10, 1043-1053.	1.6	99
7	The gut microbial metabolite formate exacerbates colorectal cancer progression. Nature Metabolism, 2022, 4, 458-475.	5.1	97
8	Crystal Structure of the MACPF Domain of Human Complement Protein C8Î± in Complex with the C8Î³ Subunit. Journal of Molecular Biology, 2008, 379, 331-342.	2.0	70
9	Chemical Proteomic Platform To Identify Citrullinated Proteins. ACS Chemical Biology, 2015, 10, 2520-2528.	1.6	61
10	Chemical and biological methods to detect postâ€translational modifications of arginine. Biopolymers, 2014, 101, 133-143.	1.2	58
11	Biological Studies and Target Engagement of the 2-C-Methyl-<scp>d</scp>-Erythritol 4-Phosphate Cytidylyltransferase (IspD)-Targeting Antimalarial Agent (1R,3S)-MMV008138 and Analogs. ACS Infectious Diseases, 2018, 4, 549-559.	1.8	33
12	Citrullination unravels stem cells. Nature Chemical Biology, 2014, 10, 327-328.	3.9	31
13	Utilizing Whole Fusobacterium Genomes To Identify, Correct, and Characterize Potential Virulence Protein Families. Journal of Bacteriology, 2019, 201, .	1.0	28
14	A chemical and biological toolbox for Type Vd secretion: Characterization of the phospholipase A1 autotransporter FplA from Fusobacterium nucleatum. Journal of Biological Chemistry, 2017, 292, 20240-20254.	1.6	26
15	Comparative Analysis of Colon Cancer-Derived Fusobacterium nucleatum Subspecies: Inflammation and Colon Tumorigenesis in Murine Models. MBio, 2022, 13, e0299121.	1.8	26
16	Functional Studies of the MACPF Domain of Human Complement Protein C8Î± Reveal Sites for Simultaneous Binding of C8Î², C8Î³, and C9â€. Biochemistry, 2006, 45, 5290-5296.	1.2	25
17	Calcium Regulates the Nuclear Localization of Protein Arginine Deiminase 2. Biochemistry, 2019, 58, 3042-3056.	1.2	25
18	Fusobacterium Genomics Using MinION and Illumina Sequencing Enables Genome Completion and Correction. MSphere, 2018, 3, .	1.3	23

#	Article	IF	Citations
19	New Roles for Fusobacterium nucleatum in Cancer: Target the Bacteria, Host, or Both?. Trends in Cancer, 2021, 7, 185-187.	3.8	23
20	Fusobacterium nucleatum CbpF Mediates Inhibition of T Cell Function Through CEACAM1 Activation. Frontiers in Cellular and Infection Microbiology, 2021, 11, 692544.	1.8	23
21	Enhanced Mucosal Defense and Reduced Tumor Burden in Mice with the Compromised Negative Regulator IRAK-M. EBioMedicine, 2017, 15, 36-47.	2.7	20
22	Crystal structure of complement protein C8Î³ in complex with a peptide containing the C8Î³ binding site on C8Î±: Implications for C8Î³ ligand binding. Molecular Immunology, 2008, 45, 750-756.	1.0	19
23	A novel role for protein arginine deiminase 4 in pluripotency: The emerging role of citrullinated histone H1 in cellular programming. BioEssays, 2014, 36, 736-740.	1.2	19
24	Genetic Reporter System for Positioning of Proteins at the Bacterial Pole. MBio, 2012, 3, .	1.8	16
25	N-(3-oxododecanoyl)-L-homoserine lactone interactions in the breast tumor microenvironment: Implications for breast cancer viability and proliferation in vitro. PLoS ONE, 2017, 12, e0180372.	1.1	12
26	FusoPortal: an Interactive Repository of Hybrid MinION-Sequenced Fusobacterium Genomes Improves Gene Identification and Characterization. MSphere, 2018, 3, .	1.3	12
27	Harnessing Tissue Engineering Tools to Interrogate Host-Microbiota Crosstalk in Cancer. IScience, 2020, 23, 101878.	1.9	8
28	Comparison of type 5d autotransporter phospholipases demonstrates a correlation between high activity and intracellular pathogenic lifestyle. Biochemical Journal, 2019, 476, 2657-2676.	1.7	5
29	Complete Genome Sequence of Fusobacterium necrophorum subsp. necrophorum ATCC 25286. Microbiology Resource Announcements, 2019, 8, .	0.3	5
30	Binding of the lipocalin C8Î³ to human complement protein C8Î± is mediated by loops located at the entrance to the C8Î³ ligand binding site. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 1518-1524.	1.1	2
31	Genome Sequences for Two Acinetobacter baumannii Strains Obtained Using the Unicycler Hybrid Assembly Pipeline. Microbiology Resource Announcements, 2021, 10, .	0.3	2
32	CEACAM1 Activation by CbpF-Expressing E. coli. Frontiers in Cellular and Infection Microbiology, 2021, 11, 699015.	1.8	1
33	The Shigella Spp. Type III Effector Protein OspB Is a Cysteine Protease. MBio, 0, , .	1.8	1
34	A Vector Suite for theÂOverexpression and Purification of Tagged Outer Membrane, Periplasmic, and Secreted Proteins in E. coli. Methods in Molecular Biology, 2019, 1960, 123-138.	0.4	0
35	Cyclic di-nucleotides â€“ what is their role in biofilm formation and pathogenicity of Fusobacterium nucleatum?. Access Microbiology, 2019, 1, .	0.2	0