

# Brian J North

## List of Publications by Year in descending order

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39  
papers

7,658  
citations

186265  
28  
h-index

302126  
39  
g-index

39  
all docs

39  
docs citations

39  
times ranked

11006  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Sir2 Ortholog, SIRT2, Is an NAD <sup>+</sup> -Dependent Tubulin Deacetylase. <i>Molecular Cell</i> , 2003, 11, 437-444.	9.7	1,370
2	SIRT1 Is Required for AMPK Activation and the Beneficial Effects of Resveratrol on Mitochondrial Function. <i>Cell Metabolism</i> , 2012, 15, 675-690.	16.2	1,251
3	The Intersection Between Aging and Cardiovascular Disease. <i>Circulation Research</i> , 2012, 110, 1097-1108.	4.5	980
4	The human silent information regulator (Sir)2 homologue hSIRT3 is a mitochondrial nicotinamide adenine dinucleotide-dependent deacetylase. <i>Journal of Cell Biology</i> , 2002, 158, 647-657.	5.2	524
5	Sirtuins: Sir2-related NAD-dependent protein deacetylases. <i>Genome Biology</i> , 2004, 5, 224.	9.6	463
6	Regulation of Insulin Secretion by SIRT4, a Mitochondrial ADP-ribosyltransferase. <i>Journal of Biological Chemistry</i> , 2007, 282, 33583-33592.	3.4	359
7	SIRT1 Regulates HIV Transcription via Tat Deacetylation. <i>PLoS Biology</i> , 2005, 3, e41.	5.6	292
8	Interphase Nucleo-Cytoplasmic Shuttling and Localization of SIRT2 during Mitosis. <i>PLoS ONE</i> , 2007, 2, e784.	2.5	246
9	Selective Sirt2 inhibition by ligand-induced rearrangement of the active site. <i>Nature Communications</i> , 2015, 6, 6263.	12.8	222
10	<scp>SIRT</scp>2 induces the checkpoint kinase BubR1 to increase lifespan. <i>EMBO Journal</i> , 2014, 33, 1438-1453.	7.8	195
11	Histone deacetylase HDAC8 associates with smooth muscle $\alpha$ -actin and is essential for smooth muscle cell contractility. <i>FASEB Journal</i> , 2005, 19, 966-968.	0.5	183
12	Acetylation-dependent regulation of PD-L1 nuclear translocation dictates the efficacy of anti-PD-1 immunotherapy. <i>Nature Cell Biology</i> , 2020, 22, 1064-1075.	10.3	182
13	Sir-two-homolog 2 (Sirt2) modulates peripheral myelination through polarity protein Par-3/atypical protein kinase C (aPKC) signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E952-61.	7.1	142
14	TRAF2 and OTUD7B govern a ubiquitin-dependent switch that regulates mTORC2 signalling. <i>Nature</i> , 2017, 545, 365-369.	27.8	136
15	Mitotic Regulation of SIRT2 by Cyclin-dependent Kinase 1-dependent Phosphorylation. <i>Journal of Biological Chemistry</i> , 2007, 282, 19546-19555.	3.4	132
16	Expression of Histone Deacetylase 8, a Class I Histone Deacetylase, Is Restricted to Cells Showing Smooth Muscle Differentiation in Normal Human Tissues. <i>American Journal of Pathology</i> , 2004, 165, 553-564.	3.8	117
17	The emerging roles of protein homeostasis-governing pathways in Alzheimer's disease. <i>Aging Cell</i> , 2018, 17, e12801.	6.7	88
18	Receptor-mediated clustering of FIP200 bypasses the role of LC3 lipidation in autophagy. <i>EMBO Journal</i> , 2020, 39, e104948.	7.8	79

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19	Sirtuins: a conserved key unlocking AceCS activity. Trends in Biochemical Sciences, 2007, 32, 1-4.	7.5	59
20	Acetylation-dependent regulation of MDM2 E3 ligase activity dictates its oncogenic function. Science Signaling, 2017, 10, .	3.6	52
21	Functional analysis of Cullin 3 E3 ligases in tumorigenesis. Biochimica Et Biophysica Acta: Reviews on Cancer, 2018, 1869, 11-28.	7.4	48
22	Functional analysis of deubiquitylating enzymes in tumorigenesis and development. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1872, 1883-12.	7.4	48
23	The emerging role for Cullin 4 family of E3 ligases in tumorigenesis. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1871, 138-159.	7.4	46
24	Preparation of enzymatically active recombinant class III protein deacetylases. Methods, 2005, 36, 338-345.	3.8	45
25	Enhancement of pomalidomide anti-tumor response with ACY-241, a selective HDAC6 inhibitor. PLoS ONE, 2017, 12, e0173507.	2.5	45
26	The SCF <sup>Î²</sup> -TRCP E3 ubiquitin ligase complex targets Lipin1 for ubiquitination and degradation to promote hepatic lipogenesis. Science Signaling, 2017, 10, .	3.6	44
27	Functional analyses of major cancer-related signaling pathways in Alzheimer's disease etiology. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 341-358.	7.4	42
28	N-Twist, an Evolutionarily Conserved bHLH Protein Expressed in the Developing CNS, Functions as a Transcriptional Inhibitor. Developmental Biology, 2002, 249, 174-190.	2.0	38
29	Cullin 3SPOP ubiquitin E3 ligase promotes the poly-ubiquitination and degradation of HDAC6. Oncotarget, 2017, 8, 47890-47901.	1.8	30
30	Inhibition of SIRT2 Potentiates the Anti-motility Activity of Taxanes: Implications for Antineoplastic Combination Therapies. Neoplasia, 2012, 14, 846-1N16.	5.3	28
31	Smurf1 regulation of DAB2IP controls cell proliferation and migration. Oncotarget, 2016, 7, 26057-26069.	1.8	28
32	Negative regulation of DAB2IP by Akt and SCF <sup>Î²</sup> -TRCP pathways. Oncotarget, 2014, 5, 3307-3315.	1.8	27
33	Unraveling the Molecular Nexus between GPCRs, ERS, and EMT. Mediators of Inflammation, 2021, 2021, 1-23.	3.0	25
34	SCF <sup>Î²</sup> -TRCP regulates osteoclastogenesis via promoting CYLD ubiquitination. Oncotarget, 2014, 5, 4211-4221.	1.8	21
35	Interplay between protein acetylation and ubiquitination controls MCL1 protein stability. Cell Reports, 2021, 37, 109988.	6.4	20
36	SCF <sup>Î²</sup> -TRCP ubiquitinates CHK 1 in an AMPK dependent manner in response to glucose deprivation. Molecular Oncology, 2019, 13, 307-321.	4.6	18

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37	SCF <sup>Î²</sup> -TRCP E3 ubiquitin ligase targets the tumor suppressor ZNRF3 for ubiquitination and degradation. <i>Protein and Cell</i> , 2018, 9, 879-889.	11.0	16
38	Regulation of topoisomerase II stability and activity by ubiquitination and SUMOylation: clinical implications for cancer chemotherapy. <i>Molecular Biology Reports</i> , 2021, 48, 6589-6601.	2.3	11
39	Physiological relevance of post-translational regulation of the spindle assembly checkpoint protein BubR1. <i>Cell and Bioscience</i> , 2021, 11, 76.	4.8	6