Nathan J Bowen

List of Publications by Year
in descending order

48 papers	2,939 citations	257450 24 h-index	289244 40 g-index
48 all docs	48 docs citations	48 times ranked	4734 citing authors

#	Article	IF	Citations
1	The helix-loop-helix transcriptional regulator Id4 is required for terminal differentiation of luminal epithelial cells in the prostate. Oncoscience, 2021, 8, 14-30.	2.2	0
2	Proteomics-Metabolomics Combined Approach Identifies Peroxidasin as a Protector against Metabolic and Oxidative Stress in Prostate Cancer. International Journal of Molecular Sciences, 2019, 20, 3046.	4.1	32
3	CCAAT-displacement protein/cut homeobox transcription factor (CUX1) represses estrogen receptor-alpha (ER-Î±) in triple-negative breast cancer cells and can be antagonized by muscadine grape skin extract (MSKE). PLoS ONE, 2019, 14, e0214844.	2.5	8
4	Essential role of JunD in cell proliferation is mediated via MYC signaling in prostate cancer cells. Cancer Letters, 2019, 448, 155-167.	7.2	42
5	Computational Chemistry and Biology Courses for Undergraduates at an HBCU: Cultivating a Diverse Computational Science Community. ACS Symposium Series, 2019, , 67-81.	0.5	1
6	Abstract 4306: JunD-induced cell proliferation requires MYC signaling in prostate cancer cells. , 2019, , .		0
7	Abstract 787: Aberrantly increased expression ofZIC2is correlated with altered cellular metabolism in prostate cancer. , 2019, , .		0
8	Abstract 4306: JunD-induced cell proliferation requires MYC signaling in prostate cancer cells. , 2019, , .		0
9	Abstract 787: Aberrantly increased expression of<i>ZIC2</i>is correlated with altered cellular metabolism in prostate cancer. , 2019, , .		0
10	Association of Epithelial Mesenchymal Transition with prostate and breast health disparities. PLoS ONE, 2018, 13, e0203855.	2.5	7
11	The immunoregulatory role of alpha enolase in dendritic cell function during Chlamydia infection. BMC Immunology, 2017, 18, 27.	2.2	42
12	GLI pathogenesis-related 1 functions as a tumor-suppressor in lung cancer. Molecular Cancer, 2016, 15, 25.	19.2	20
13	Highly and moderately aggressive mouse ovarian cancer cell lines exhibit differential gene expression. Tumor Biology, 2016, 37, 11147-11162.	1.8	13
14	Prostate Cancer Epigenome. Methods in Molecular Biology, 2015, 1238, 125-140.	0.9	14
15	HSET overexpression fuels tumor progression via centrosome clustering-independent mechanisms in breast cancer patients. Oncotarget, 2015, 6, 6076-6091.	1.8	66
16	Inhibitor of Differentiation 4 (ID4) Inactivation Promotes De Novo Steroidogenesis and Castration-Resistant Prostate Cancer. Molecular Endocrinology, 2014, 28, 1239-1253.	3.7	18
17	KIFCI, a novel putative prognostic biomarker for ovarian adenocarcinomas: delineating protein interaction networks and signaling circuitries. Journal of Ovarian Research, 2014, 7, 53.	3.0	37
18	Gene Transfection Enhanced by Ultrasound Exposure Combined with Drug Treatment Guided by Gene Chip Analysis. International Journal of Hyperthermia, 2012, 28, 349-361.	2.5	6

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19	Isolation and characterization of stem-like cells from a human ovarian cancer cell line. Molecular and Cellular Biochemistry, 2012, 363, 257-268.	3.1	78
20	Epigenetic regulation of transposable element derived human gene promoters. Gene, 2011, 475, 39-48.	2.2	42
21	Prediction of Transposable Element Derived Enhancers Using Chromatin Modification Profiles. PLoS ONE, 2011, 6, e27513.	2.5	25
22	Evidence for the Complexity of MicroRNA-Mediated Regulation in Ovarian Cancer: A Systems Approach. PLoS ONE, 2011, 6, e22508.	2.5	43
23	Bifurcation and Enhancement of Autonomous-Nonautonomous Retrotransposon Partnership through LTR Swapping in Soybean Â. Plant Cell, 2010, 22, 48-61.	6.6	42
24	Elevation of sulfatides in ovarian cancer: An integrated transcriptomic and lipidomic analysis including tissue-imaging mass spectrometry. Molecular Cancer, 2010, 9, 186.	19.2	110
25	Gene expression profiling supports the hypothesis that human ovarian surface epithelia are multipotent and capable of serving as ovarian cancer initiating cells. BMC Medical Genomics, 2009, 2, 71.	1.5	187
26	Homogeneous and organized differentiation within embryoid bodies induced by microsphere-mediated delivery of small molecules. Biomaterials, 2009, 30, 2507-2515.	11.4	126
27	A c-Myc regulatory subnetwork from human transposable element sequences. Molecular BioSystems, 2009, 5, 1831.	2.9	22
28	Abstract C3: Gene expression profiling supports the hypothesis that human ovarian surface epithelia are pluripotent and capable of serving as ovarian cancer initiating cells. , 2009, , .		0
29	LTR retrotransposons and the evolution of dosage compensation in Drosophila. BMC Molecular Biology, 2008, 9, 55.	3.0	13
30	Identification of metabolites with anticancer properties by computational metabolomics. Molecular Cancer, 2008, 7, 57.	19.2	25
31	Ovarian Carcinoma Subtypes Are Different Diseases: Implications for Biomarker Studies. PLoS Medicine, 2008, 5, e232.	8.4	675
32	Exaptation of Protein Coding Sequences from Transposable Elements. , 2007, 3, 147-162.		26
33	Identification of candidate methylation-responsive genes in ovarian cancer. Molecular Cancer, 2007, 6, 10.	19.2	23
34	Emerging roles for PAX8 in ovarian cancer and endosalpingeal development. Gynecologic Oncology, 2007, 104, 331-337.	1.4	184
35	Evidence that p53-Mediated Cell-Cycle-Arrest Inhibits Chemotherapeutic Treatment of Ovarian Carcinomas. PLoS ONE, 2007, 2, e441.	2.5	51
36	Identification, characterization and comparative genomics of chimpanzee endogenous retroviruses. Genome Biology, 2006, 7, R51.	9.6	44

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37	Newly Identified Families of Human Endogenous Retroviruses. Journal of Virology, 2006, 80, 4640-4642.	3.4	3
38	Computational Analysis of Transposable Element Sequences. , 2004, 260, 059-072.		2
39	p24 proteins, intracellular trafficking, and behavior: <i>Drosophila melanogaster</i> provides insights and opportunities. Biology of the Cell, 2004, 96, 271-278.	2.0	50
40	Mi-2/NuRD: multiple complexes for many purposes. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1677, 52-57.	2.4	261
41	DNA damage repair and transcription. Cellular and Molecular Life Sciences, 2004, 61, 2163-7.	5.4	32
42	p24 proteins, intracellular trafficking, and behavior: Drosophila melanogaster provides insights and opportunities. Biology of the Cell, 2004, 96, 271-278.	2.0	45
43	Retrotransposons and Their Recognition of pol II Promoters: A Comprehensive Survey of the Transposable Elements From the Complete Genome Sequence of <i>Schizosaccharomyces pombe</i>. Genome Research, 2003, 13, 1984-1997.	5.5	144
44	Multiple Ribonuclease Hâ€“Encoding Genes in the Caenorhabditis elegans Genome Contrasts with the Two Typical Ribonuclease Hâ€“Encoding Genes in the Human Genome. Molecular Biology and Evolution, 2002, 19, 1910-1919.	8.9	7
45	Transposable elements and the evolution of eukaryotic complexity. Current Issues in Molecular Biology, 2002, 4, 65-76.	2.4	69
46	<i>Drosophila</i> Euchromatic LTR Retrotransposons are Much Younger Than the Host Species in Which They Reside. Genome Research, 2001, 11, 1527-1540.	5.5	152
47	Genomic Analysis of Caenorhabditis elegans Reveals Ancient Families of Retroviral-like Elements. Genome Research, 1999, 9, 924-935.	5.5	87
48	Ltr retrotransposons and the evolution of eukaryotic enhancers. Genetica, 1997, 100, 3-13.	1.1	65