

# Nathan J Bowen

## List of Publications by Year in descending order

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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	Ovarian Carcinoma Subtypes Are Different Diseases: Implications for Biomarker Studies. <i>PLoS Medicine</i> , 2008, 5, e232.	8.4	675
2	Mi-2/NuRD: multiple complexes for many purposes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004, 1677, 52-57.	2.4	261
3	Gene expression profiling supports the hypothesis that human ovarian surface epithelia are multipotent and capable of serving as ovarian cancer initiating cells. <i>BMC Medical Genomics</i> , 2009, 2, 71.	1.5	187
4	Emerging roles for PAX8 in ovarian cancer and endosalpingeal development. <i>Gynecologic Oncology</i> , 2007, 104, 331-337.	1.4	184
5	<i>Drosophila</i> Euchromatic LTR Retrotransposons are Much Younger Than the Host Species in Which They Reside. <i>Genome Research</i> , 2001, 11, 1527-1540.	5.5	152
6	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> . <i>Genome Research</i> , 2003, 13, 1984-1997.	5.5	144
7	Homogeneous and organized differentiation within embryoid bodies induced by microsphere-mediated delivery of small molecules. <i>Biomaterials</i> , 2009, 30, 2507-2515.	11.4	126
8	Elevation of sulfatides in ovarian cancer: An integrated transcriptomic and lipidomic analysis including tissue-imaging mass spectrometry. <i>Molecular Cancer</i> , 2010, 9, 186.	19.2	110
9	Genomic Analysis of <i>Caenorhabditis elegans</i> Reveals Ancient Families of Retroviral-like Elements. <i>Genome Research</i> , 1999, 9, 924-935.	5.5	87
10	Isolation and characterization of stem-like cells from a human ovarian cancer cell line. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 257-268.	3.1	78
11	Transposable elements and the evolution of eukaryotic complexity. <i>Current Issues in Molecular Biology</i> , 2002, 4, 65-76.	2.4	69
12	HSET overexpression fuels tumor progression via centrosome clustering-independent mechanisms in breast cancer patients. <i>Oncotarget</i> , 2015, 6, 6076-6091.	1.8	66
13	Ltr retrotransposons and the evolution of eukaryotic enhancers. <i>Genetica</i> , 1997, 100, 3-13.	1.1	65
14	Evidence that p53-Mediated Cell-Cycle-Arrest Inhibits Chemotherapeutic Treatment of Ovarian Carcinomas. <i>PLoS ONE</i> , 2007, 2, e441.	2.5	51
15	p24 proteins, intracellular trafficking, and behavior: <i>Drosophila melanogaster</i> provides insights and opportunities. <i>Biology of the Cell</i> , 2004, 96, 271-278.	2.0	50
16	p24 proteins, intracellular trafficking, and behavior: <i>Drosophila melanogaster</i> provides insights and opportunities. <i>Biology of the Cell</i> , 2004, 96, 271-278.	2.0	45
17	Identification, characterization and comparative genomics of chimpanzee endogenous retroviruses. <i>Genome Biology</i> , 2006, 7, R51.	9.6	44
18	Evidence for the Complexity of MicroRNA-Mediated Regulation in Ovarian Cancer: A Systems Approach. <i>PLoS ONE</i> , 2011, 6, e22508.	2.5	43

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19	Bifurcation and Enhancement of Autonomous-Nonautonomous Retrotransposon Partnership through LTR Swapping in Soybean <i>Â</i> . <i>Plant Cell</i> , 2010, 22, 48-61.	6.6	42
20	Epigenetic regulation of transposable element derived human gene promoters. <i>Gene</i> , 2011, 475, 39-48.	2.2	42
21	The immunoregulatory role of alpha enolase in dendritic cell function during Chlamydia infection. <i>BMC Immunology</i> , 2017, 18, 27.	2.2	42
22	Essential role of JunD in cell proliferation is mediated via MYC signaling in prostate cancer cells. <i>Cancer Letters</i> , 2019, 448, 155-167.	7.2	42
23	KIFCI, a novel putative prognostic biomarker for ovarian adenocarcinomas: delineating protein interaction networks and signaling circuitries. <i>Journal of Ovarian Research</i> , 2014, 7, 53.	3.0	37
24	DNA damage repair and transcription. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 2163-7.	5.4	32
25	Proteomics-Metabolomics Combined Approach Identifies Peroxidase as a Protector against Metabolic and Oxidative Stress in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3046.	4.1	32
26	Exaptation of Protein Coding Sequences from Transposable Elements. , 2007, 3, 147-162.		26
27	Identification of metabolites with anticancer properties by computational metabolomics. <i>Molecular Cancer</i> , 2008, 7, 57.	19.2	25
28	Prediction of Transposable Element Derived Enhancers Using Chromatin Modification Profiles. <i>PLoS ONE</i> , 2011, 6, e27513.	2.5	25
29	Identification of candidate methylation-responsive genes in ovarian cancer. <i>Molecular Cancer</i> , 2007, 6, 10.	19.2	23
30	A c-Myc regulatory subnetwork from human transposable element sequences. <i>Molecular BioSystems</i> , 2009, 5, 1831.	2.9	22
31	GLI pathogenesis-related 1 functions as a tumor-suppressor in lung cancer. <i>Molecular Cancer</i> , 2016, 15, 25.	19.2	20
32	Inhibitor of Differentiation 4 (ID4) Inactivation Promotes De Novo Steroidogenesis and Castration-Resistant Prostate Cancer. <i>Molecular Endocrinology</i> , 2014, 28, 1239-1253.	3.7	18
33	Prostate Cancer Epigenome. <i>Methods in Molecular Biology</i> , 2015, 1238, 125-140.	0.9	14
34	LTR retrotransposons and the evolution of dosage compensation in <i>Drosophila</i> . <i>BMC Molecular Biology</i> , 2008, 9, 55.	3.0	13
35	Highly and moderately aggressive mouse ovarian cancer cell lines exhibit differential gene expression. <i>Tumor Biology</i> , 2016, 37, 11147-11162.	1.8	13
36	CCAAT-displacement protein/cut homeobox transcription factor (CUX1) represses estrogen receptor-alpha (ER- $\alpha$ ) in triple-negative breast cancer cells and can be antagonized by muscadine grape skin extract (MSKE). <i>PLoS ONE</i> , 2019, 14, e0214844.	2.5	8

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37	Multiple Ribonuclease Hâ€“Encoding Genes in the Caenorhabditis elegans Genome Contrasts with the Two Typical Ribonuclease Hâ€“Encoding Genes in the Human Genome. <i>Molecular Biology and Evolution</i> , 2002, 19, 1910-1919.	8.9	7
38	Association of Epithelial Mesenchymal Transition with prostate and breast health disparities. <i>PLoS ONE</i> , 2018, 13, e0203855.	2.5	7
39	Gene Transfection Enhanced by Ultrasound Exposure Combined with Drug Treatment Guided by Gene Chip Analysis. <i>International Journal of Hyperthermia</i> , 2012, 28, 349-361.	2.5	6
40	Newly Identified Families of Human Endogenous Retroviruses. <i>Journal of Virology</i> , 2006, 80, 4640-4642.	3.4	3
41	Computational Analysis of Transposable Element Sequences. , 2004, 260, 059-072.		2
42	Computational Chemistry and Biology Courses for Undergraduates at an HBCU: Cultivating a Diverse Computational Science Community. <i>ACS Symposium Series</i> , 2019, , 67-81.	0.5	1
43	The helix-loop-helix transcriptional regulator Id4 is required for terminal differentiation of luminal epithelial cells in the prostate. <i>Oncoscience</i> , 2021, 8, 14-30.	2.2	0
44	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
45	Abstract 4306: JunD-induced cell proliferation requires MYC signaling in prostate cancer cells. , 2019, , .		0
46	Abstract 787: Aberrantly increased expression of ZIC2 is correlated with altered cellular metabolism in prostate cancer. , 2019, , .		0
47	Abstract 4306: JunD-induced cell proliferation requires MYC signaling in prostate cancer cells. , 2019, , .		0
48	Abstract 787: Aberrantly increased expression of ZIC2 is correlated with altered cellular metabolism in prostate cancer. , 2019, , .		0