

# Nathan L Vanderford

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,261  
citations

623734

14  
h-index

395702

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a mental health crisis in graduate education. <i>Nature Biotechnology</i> , 2018, 36, 282-284.	17.5	688
2	The TBPâ€‘PP2A mitotic complex bookmarks genes by preventing condensin action. <i>Nature Cell Biology</i> , 2008, 10, 1318-1323.	10.3	92
3	Glucose Induces MafA Expression in Pancreatic Beta Cell Lines via the Hexosamine Biosynthetic Pathway. <i>Journal of Biological Chemistry</i> , 2007, 282, 1577-1584.	3.4	50
4	The Stability and Transactivation Potential of the Mammalian MafA Transcription Factor Are Regulated by Serine 65 Phosphorylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 759-765.	3.4	37
5	A Social-Ecological Review of Cancer Disparities in Kentucky. <i>Southern Medical Journal</i> , 2018, 111, 213-219.	0.7	37
6	What faculty hiring committees want. <i>Nature Biotechnology</i> , 2017, 35, 885-887.	17.5	26
7	Phosphorylation within the MafA N Terminus Regulates C-terminal Dimerization and DNA Binding. <i>Journal of Biological Chemistry</i> , 2010, 285, 12655-12661.	3.4	25
8	Optimizing the utility of the individual development plan for trainees in the biosciences. <i>Nature Biotechnology</i> , 2018, 36, 552-553.	17.5	20
9	Use and effectiveness of the Individual Development Plan among postdoctoral researchers: findings from a cross-sectional study. <i>F1000Research</i> , 2018, 7, 1132.	1.6	20
10	Defining the regulation of IL-1Î²- and CHOP-mediated Î²-cell apoptosis. <i>Islets</i> , 2010, 2, 334-336.	1.8	18
11	Expression and function of Set7/9 in pancreatic islets. <i>Islets</i> , 2009, 1, 269-272.	1.8	17
12	Use and effectiveness of the Individual Development Plan among postdoctoral researchers: findings from a cross-sectional study. <i>F1000Research</i> , 2018, 7, 1132.	1.6	17
13	Multiple kinases regulate mafA expression in the pancreatic beta cell line MIN6. <i>Archives of Biochemistry and Biophysics</i> , 2008, 480, 138-142.	3.0	16
14	Regulation of Î²-cell-specific and glucose-dependent MafA expression. <i>Islets</i> , 2011, 3, 35-37.	1.8	16
15	A cross-sectional study of the use and effectiveness of the Individual Development Plan among doctoral students. <i>F1000Research</i> , 2018, 7, 722.	1.6	14
16	A Brief Educational Intervention Enhances Basic Cancer Literacy Among Kentucky Middle and High School Students. <i>Journal of Cancer Education</i> , 2021, 36, 735-740.	1.3	13
17	Assessing Research Collaboration through Co-authorship Network Analysis. <i>Journal of Research Administration</i> , 2018, 49, 76-99.	0.3	13
18	A cross-sectional study of the use and effectiveness of the Individual Development Plan among doctoral students. <i>F1000Research</i> , 2018, 7, 722.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Career planning courses increase career readiness of graduate and postdoctoral trainees. F1000Research, 2020, 9, 1230.	1.6	11
20	Community-Academic Partnerships: Approaches to Engagement. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2019, 39, 88-95.	3.8	10
21	Connecting undergraduate science education with the needs of today's graduates. F1000Research, 2014, 3, 279.	1.6	10
22	Evidence for Cancer Literacy Knowledge Retention among Kentucky Middle and High School Students after a Brief Educational Intervention. Southern Medical Journal, 2020, 113, 541-548.	0.7	10
23	Preparing future professionals by enhancing workforce readiness. Nature Biotechnology, 2016, 34, 111-113.	17.5	9
24	Broadening PhD curricula. Nature Biotechnology, 2012, 30, 113-114.	17.5	8
25	A Survey of the Barriers Associated with Academic-based Cancer Research Commercialization. PLoS ONE, 2013, 8, e72268.	2.5	8
26	Spatiotemporal Analysis of Lung Cancer Histological Types in Kentucky, 1995-2014. Cancer Control, 2019, 26, 107327481984587.	1.8	8
27	Reply to "A lack of evidence for six times more anxiety and depression in US graduate students than in the general population". Nature Biotechnology, 2019, 37, 712-713.	17.5	7
28	The Appalachian Career Training in Oncology (ACTION) Program: Preparing Appalachian Kentucky High School and Undergraduate Students for Cancer Careers. Journal of STEM Outreach, 2021, 4, .	0.5	7
29	Evaluating disparities in the U.S. technology transfer ecosystem to improve bench to business translation. F1000Research, 2018, 7, 329.	1.6	6
30	A Case Study of the Impediments to the Commercialization of Research at the University of Kentucky. F1000Research, 0, 4, 133.	1.6	4
31	Using Culturally Focused Storytelling to Empower Appalachian Kentucky Youth to Understand and Address Cancer Disparities in Their Communities. Journal of Cancer Education, 2023, 38, 513-521.	1.3	4
32	Mission possible: putting trainees at the center of academia's mission. Nature Biotechnology, 2014, 32, 593-594.	17.5	3
33	Stress & Burnout in Graduate Students: The Role of Work-Life Balance and Mentoring Relationships. FASEB Journal, 2018, 32, 535-27.	0.5	3
34	Through the Lens: Youth Experiences with Cancer in Rural Appalachian Kentucky Using Photovoice. International Journal of Environmental Research and Public Health, 2022, 19, 205.	2.6	3
35	PhD trainees should be empowered to leverage dueling priorities. Biochemistry and Molecular Biology Education, 2014, 42, 455-456.	1.2	2
36	Ailing academia needs culture change. Science, 2014, 345, 885-885.	12.6	2

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37	Plot your course. <i>Nature</i> , 2017, 546, 443-443.	27.8	2
38	The use of a book club to promote biomedical trainee professional development. <i>Heliyon</i> , 2022, 8, e08675.	3.2	2
39	Impact of the Appalachian Career Training in Oncology (ACTION) Program on Undergraduate Participants. <i>Journal of Cancer Education</i> , 2022, , 1.	1.3	2
40	Cancer Curriculum for Appalachian Kentucky Middle and High Schools.. <i>Journal of Appalachian Health</i> , 2021, 3, 43-55.	0.2	2
41	Ease entry into an alternative career field by obtaining a specialized professional degree. <i>Nature Biotechnology</i> , 2011, 29, 368-369.	17.5	1
42	Endorsing alternative careers for PhDs. <i>Biochemistry and Molecular Biology Education</i> , 2011, 39, 246-246.	1.2	1
43	Broaden undergraduate education. <i>Biochemistry and Molecular Biology Education</i> , 2011, 39, 251-252.	1.2	1
44	The Role of MafA in Regulating Cytokine Expression in Pancreatic Î² Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 1e1.	3.4	1
45	A Case Study of the Impediments to the Commercialization of Research at the University of Kentucky. <i>F1000Research</i> , 2015, 4, 133.	1.6	1
46	Development of Multiple Primary Cancers in Lung Cancer Patients: Appalachian Versus Non-Appalachian Populations of Kentucky. <i>Southern Medical Journal</i> , 2017, 110, 775-781.	0.7	1
47	Career planning courses increase career readiness of graduate and postdoctoral trainees. <i>F1000Research</i> , 0, 9, 1230.	1.6	1
48	Modeling individual development plans, mentoring support, and career preparedness relationships among Doctor of Philosophy (Ph.D.) trainees in the life sciences. <i>F1000Research</i> , 2021, 10, 626.	1.6	1
49	Mentors, be nice. <i>Nature Biotechnology</i> , 2013, 31, 659-659.	17.5	0
50	Exceptional Survival Among Kentucky Stage IV Non-small Cell Lung Cancer Patients: Appalachian Versus Non-Appalachian Populations. <i>Journal of Rural Health</i> , 2022, 38, 14-27.	2.9	0
51	The Transformative Power of Teaching and Learning. <i>Academic Medicine</i> , 2020, 95, 144.	1.6	0
52	Training Appalachian Kentucky Youth Cancer Advocates. <i>Southern Medical Journal</i> , 2021, 114, 356-360.	0.7	0
53	Modeling individual development plans, mentoring support, and career preparedness relationships among Doctor of Philosophy (Ph.D.) trainees in the life sciences. <i>F1000Research</i> , 0, 10, 626.	1.6	0
54	Examining Psychological and Knowledge Barriers to Colorectal Cancer Screening in Rural Appalachian Kentucky. <i>Journal of Cancer Education</i> , 2022, , 1.	1.3	0