

# Nora C Toussaint

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

4,968  
citations

236925

25  
h-index

361022

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39  
docs citations

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times ranked

8535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracing Clonal Dynamics Reveals that Two- and Three-dimensional Patient-derived Cell Models Capture Tumor Heterogeneity of Clear Cell Renal Cell Carcinoma. <i>European Urology Focus</i> , 2021, 7, 152-162.	3.1	34
2	The Tumor Profiler Study: integrated, multi-omic, functional tumor profiling for clinical decision support. <i>Cancer Cell</i> , 2021, 39, 288-293.	16.8	71
3	HLA-DR15 Molecules Jointly Shape an Autoreactive T Cell Repertoire in Multiple Sclerosis. <i>Cell</i> , 2020, 183, 1264-1281.e20.	28.9	133
4	Convergent network effects along the axis of gene expression during prostate cancer progression. <i>Genome Biology</i> , 2020, 21, 302.	8.8	17
5	SCIM: universal single-cell matching with unpaired feature sets. <i>Bioinformatics</i> , 2020, 36, i919-i927.	4.1	37
6	Comparative analysis of mRNA and protein degradation in prostate tissues indicates high stability of proteins. <i>Nature Communications</i> , 2019, 10, 2524.	12.8	35
7	Bioinformatics for precision oncology. <i>Briefings in Bioinformatics</i> , 2019, 20, 778-788.	6.5	49
8	Barrett's esophagus is associated with a distinct oral microbiome. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e135.	2.5	49
9	NGS-pipe: a flexible, easily extendable and highly configurable framework for NGS analysis. <i>Bioinformatics</i> , 2018, 34, 107-108.	4.1	25
10	Genomic Surveillance Reveals Diversity of Multidrug-Resistant Organism Colonization and Infection: A Prospective Cohort Study in Liver Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2018, 67, 905-912.	5.8	60
11	Increasing Dietary Fiber Intake Is Associated with a Distinct Esophageal Microbiome. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e199.	2.5	42
12	SwissMTB: establishing comprehensive molecular cancer diagnostics in Swiss clinics. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 89.	3.0	18
13	Genomic and Geographic Context for the Evolution of High-Risk Carbapenem-Resistant <i>Enterobacter cloacae</i> Complex Clones ST171 and ST78. <i>MBio</i> , 2018, 9, .	4.1	67
14	Comprehensive Analysis of Alternative Splicing Across Tumors from 8,705 Patients. <i>Cancer Cell</i> , 2018, 34, 211-224.e6.	16.8	623
15	Combined mutation in Vhl, Trp53 and Rb1 causes clear cell renal cell carcinoma in mice. <i>Nature Medicine</i> , 2017, 23, 869-877.	30.7	101
16	Characterization of a Novel Orthomyxo-like Virus Causing Mass Die-Offs of Tilapia. <i>MBio</i> , 2016, 7, e00431-16.	4.1	181
17	Features of Circulating Parainfluenza Virus Required for Growth in Human Airway. <i>MBio</i> , 2016, 7, e00235.	4.1	18
18	Proton Pump Inhibitors Alter Specific Taxa in the Human Gastrointestinal Microbiome: A Crossover Trial. <i>Gastroenterology</i> , 2015, 149, 883-885.e9.	1.3	268

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19	Loss of Microbiota-Mediated Colonization Resistance to <i>Clostridium difficile</i> Infection With Oral Vancomycin Compared With Metronidazole. <i>Journal of Infectious Diseases</i> , 2015, 212, 1656-1665.	4.0	157
20	Precision microbiome reconstitution restores bile acid mediated resistance to <i>Clostridium difficile</i> . <i>Nature</i> , 2015, 517, 205-208.	27.8	1,506
21	Gut Microbiota and Tacrolimus Dosing in Kidney Transplantation. <i>PLoS ONE</i> , 2015, 10, e0122399.	2.5	133
22	Gut Microbial Community Structure and Complications After Kidney Transplantation. <i>Transplantation</i> , 2014, 98, 697-705.	1.0	131
23	In melanoma, Hippo signaling is affected by copy number alterations and YAP1 overexpression impairs patient survival. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 671-673.	3.3	28
24	Intestinal Microbiota Containing <i>Barnesiella</i> Species Cures Vancomycin-Resistant <i>Enterococcus faecium</i> Colonization. <i>Infection and Immunity</i> , 2013, 81, 965-973.	2.2	391
25	Ecological Modeling from Time-Series Inference: Insight into Dynamics and Stability of Intestinal Microbiota. <i>PLoS Computational Biology</i> , 2013, 9, e1003388.	3.2	487
26	Binding Pocket Optimization by Computational Protein Design. <i>PLoS ONE</i> , 2012, 7, e52505.	2.5	39
27	Universal peptide vaccines – Optimal peptide vaccine design based on viral sequence conservation. <i>Vaccine</i> , 2011, 29, 8745-8753.	3.8	35
28	An exact algorithm for side-chain placement in protein design. <i>Optimization Letters</i> , 2011, 5, 393-406.	1.6	4
29	T-cell epitope prediction based on self-tolerance. , 2011, , .		5
30	BALL - biochemical algorithms library 1.3. <i>BMC Bioinformatics</i> , 2010, 11, 531.	2.6	62
31	Inferring latent task structure for Multitask Learning by Multiple Kernel Learning. <i>BMC Bioinformatics</i> , 2010, 11, S5.	2.6	24
32	Exploiting physico-chemical properties in string kernels. <i>BMC Bioinformatics</i> , 2010, 11, S7.	2.6	17
33	Novel Machine Learning Methods for MHC Class I Binding Prediction. <i>Lecture Notes in Computer Science</i> , 2010, , 98-109.	1.3	30
34	OptiTope—a web server for the selection of an optimal set of peptides for epitope-based vaccines. <i>Nucleic Acids Research</i> , 2009, 37, W617-W622.	14.5	32
35	Towards <i>in silico</i> design of epitope-based vaccines. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 1047-1060.	5.0	18
36	A Mathematical Framework for the Selection of an Optimal Set of Peptides for Epitope-Based Vaccines. <i>PLoS Computational Biology</i> , 2008, 4, e1000246.	3.2	32