Dov Greenbaum

List of Publications by Year in Descending Order

75 papers	4,512 citations	17 h-index	67 g-index
104 ext. papers	5,120 ext. citations	9.4 avg, IF	5.3 L-index

#	Paper	IF	Citations
75	The lasting legacy of John von Neumann Norton, 2022. 368 pp.. *Science*, **2022**, 375, 983	33.3	
74	ELSI: Ethical, Legal and Social Implications **2022**,		
73	Cyberbiosecurity: An Emerging Field that has Ethical Implications for Clinical Neuroscience. *Cambridge Quarterly of Healthcare Ethics*, **2021**, 30, 662-668	0.9	2
72	Establishing a Global Standard for Wearable Devices in Sport and Exercise Medicine: Perspectives from Academic and Industry Stakeholders. *Sports Medicine*, **2021**, 51, 2237-2250	10.6	1
71	Making Compassionate Use More Useful: Using real-world data, real-world evidence and digital twins to supplement or supplant randomized controlled trials. *Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing*, **2021**, 26, 38-49	1.3	1
70	Thematic Coherence Within Narratives: A Feature or a Bug?. *AJOB Neuroscience*, **2020**, 11, 24-25	0.8	
69	Deep Fakes and Memory Malleability: False Memories in the Service of Fake News. *AJOB Neuroscience*, **2020**, 11, 96-104	0.8	7
68	Making It Count: Extracting Real World Data from Compassionate Use and Expanded Access Programs. *American Journal of Bioethics*, **2020**, 20, 89-92	1.1	3
67	Space debris puts exploration at risk. *Science*, **2020**, 370, 922	33.3	4
66	Increased cyber-biosecurity for DNA synthesis. *Nature Biotechnology*, **2020**, 38, 1379-1381	44.5	3
65	Making Compassionate Use More Useful: Using real-world data, real-world evidence and digital twins to supplement or supplant randomized controlled trials **2020**,		1
64	When a Push Becomes a Shove: Nudging in Elderly Care. *American Journal of Bioethics*, **2019**, 19, 78-80	1.1	2
63	Who Watches the Step-Watchers: The Ups and Downs of Turning Anecdotal Citizen Science into Actionable Clinical Data. *American Journal of Bioethics*, **2019**, 19, 44-46	1.1	2
62	Ethics of AI in Transplant Matching: Is It Better or Just More of the Same?. *American Journal of Bioethics*, **2019**, 19, 45-47	1.1	
61	Neuralink: The Ethical 'Rithmatic of Reading and Writing to the Brain. *AJOB Neuroscience*, **2019**, 10, 187-189	0.8	3
60	Hotline Bling: Late-Night Ethics Calls as an Alternative to Research Ethics Consultations. *American Journal of Bioethics*, **2018**, 18, 61-62	1.1	1
59	How Do You Donate Life When People Are Not Dying: Transplants in the Age of Autonomous Vehicles. *American Journal of Bioethics*, **2018**, 18, 27-29	1.1	3

58	Is Criminal Law Both Redundant and Inconsistent?: Crime and Consciousness in Light of Developments in Neuroscience. *AJOB Neuroscience*, **2018**, 9, 51-52	0.8	
57	Wuz You Robbed? Concerns With Using Big Data Analytics in Sports. *American Journal of Bioethics*, **2018**, 18, 32-33	1.1	7
56	Is Social Media a Cesspool of Misinformation? Clearing a Path for Patient-Friendly Safe Spaces Online. *American Journal of Bioethics*, **2017**, 17, 19-21	1.1	4
55	Matters of life and death. *Science*, **2017**, 355, 1029	33.3	
54	They Chose Poorly : A Novel Cause of Action to Discourage Detrimental Genetic Selection. *American Journal of Law and Medicine*, **2017**, 43, 107-137	0.5	0
53	Collegiate Sports: Professionals All But in Name Raise Unique Bioethics Concerns in the Collection of Biometric Data. *American Journal of Bioethics*, **2017**, 17, 70-72	1.1	
52	Science and Law Separated by Impenetrable Language Barriers: Overcoming Impediments to Much Needed Interactions. *AJOB Neuroscience*, **2017**, 8, 37-39	0.8	2
51	Structuring supplemental materials in support of reproducibility. *Genome Biology*, **2017**, 18, 64	18.3	7
50	The Impact of the Humanities in Science and Technology Research: A Multidisciplinary Approach to the Ethical, Social, and Legal Impacts of Science and Innovation. *AJOB Neuroscience*, **2016**, 7, 106-107	0.8	
49	Are BMI prosthetics uncontrollable Frankensteinian monsters?. *Brain-Computer Interfaces*, **2016**, 3, 149-155	1.5	5
48	Ethical, legal and social concerns relating to exoskeletons. *ACM SIGCAS Computers and Society*, **2016** , 45, 234-239	0	8
47	Go Big or Go Home: Big Science and ELSI Funding. *AJOB Neuroscience*, **2016**, 7, 32-34	0.8	2
46	Memories: More Dangerous Than the Real Thing?. *AJOB Neuroscience*, **2016**, 7, 251-253	0.8	1
45	Expanding ELSI to all areas of innovative science and technology. *Nature Biotechnology*, **2015**, 33, 425-6	44.5	10
44	More Nuanced Informed Consent Is Not Necessarily Better Informed Consent. *American Journal of Bioethics*, **2015**, 15, 51-3	1.1	1
43	Genetic technology to prevent disabilities: how popular culture informs our understanding of the use of genetics to define and prevent undesirable traits. *American Journal of Bioethics*, **2015**, 15, 32-4	1.1	4
42	Legal and Social Implications of Predictive Brain Machine Interfaces: Duty of Care, Negligence, and Criminal Responsibility. *AJOB Neuroscience*, **2015**, 6, 40-42	0.8	3
41	Exoskeleton progress yields slippery slope. *Science*, **2015**, 350, 1176	33.3	2

40	If you don't know where you are going, you might wind up someplace else: incidental findings in recreational personal genomics. *American Journal of Bioethics*, **2014**, 14, 12-4	1.1	5
39	Proposed social and technological solutions to issues of data privacy in personal genomics **2014**,		2
38	Genomic data disclosure: time to reassess the realities. *American Journal of Bioethics*, **2013**, 13, 47-50	1.1	2
37	If you can't walk the walk, do you have to talk the talk: ethical considerations for the emerging field of sports genomics. *American Journal of Bioethics*, **2013**, 13, 19-21	1.1	2
36	Grand challenge: ELSI in a changing global environment. *Frontiers in Genetics*, **2013**, 4, 158	4.5	7
35	Patents and drug shortages: will the new congressional efforts save us from impending drug shortages?. *American Journal of Bioethics*, **2012**, 12, 18-20	1.1	7
34	Regulation and the fate of personalized medicine. *AMA Journal of Ethics*, **2012**, 14, 645-52	1.4	1
33	Introducing personal genomics to college athletes: potentials and pitfalls. *American Journal of Bioethics*, **2012**, 12, 45-7	1.1	2
32	Patentable subject matter: morally neutral and context free. *Recent Patents on DNA & Gene Sequences*, **2011**, 5, 72-80		1
31	An analysis of federal circuit discrimination: the evolution of the written description requirement vis-a-vis DNA and biotechnological inventions concerns for synthetic biology. *Recent Patents on DNA & Gene Sequences*, **2011**, 5, 153-65		
30	The real cost of sequencing: higher than you think!. *Genome Biology*, **2011**, 12, 125	18.3	247
29	Genomics and privacy: implications of the new reality of closed data for the field. *PLoS Computational Biology*, **2011**, 7, e1002278	5	56
28	Social considerations in research: consider them but don't use them. *American Journal of Bioethics*, **2011**, 11, 31-2	1.1	1
27	The role of cloud computing in managing the deluge of potentially private genetic data. *American Journal of Bioethics*, **2011**, 11, 39-41	1.1	34
26	State Neutrality and Patentable Subject Matter: Developing Controversial Biotechnology. *AJOB Neuroscience*, **2010**, 1, 59-61	0.8	
25	Hochschullehrerprivileg: A Modern Incarnation of the Professors' Privilege to Promote University to Industry Technology Transfer. *Science, Technology and Society*, **2010**, 15, 55-76	1.5	12
24	When scientific data become legal evidence. *Science*, **2009**, 324, 335-6; author reply 335-6	33.3	1
23	Social networking and personal genomics: suggestions for optimizing the interaction. *American Journal of Bioethics*, **2009**, 9, 15-9	1.1	4

22	Genomic anonymity: have we already lost it?. *American Journal of Bioethics*, **2008**, 8, 71-4	1.1	24
21	An interdepartmental Ph.D. program in computational biology and bioinformatics: the Yale perspective. *Journal of Biomedical Informatics*, **2007**, 40, 73-9	10.2	14
20	An analysis of the evolution of the written description requirement vis-Ëvis DNA and biotechnological inventions. *Recent Patents on DNA & Gene Sequences*, **2007**, 1, 138-44		
19	Semantic Web Standards: Legal and Social Issues and Implications **2007**, 413-433		1
18	Network security and data integrity in academia: an assessment and a proposal for large-scale archiving. *Genome Biology*, **2005**, 6, 119	18.3	9
17	TopNet: a tool for comparing biological sub-networks, correlating protein properties with topological statistics. *Nucleic Acids Research*, **2004**, 32, 328-37	20.1	58
16	Analyzing cellular biochemistry in terms of molecular networks. *Annual Review of Biochemistry*, **2004**, 73, 1051-87	29.1	120
15	Computer security in academia-a potential roadblock to distributed annotation of the human genome. *Nature Biotechnology*, **2004**, 22, 771-2	44.5	0
14	Genomic analysis of essentiality within protein networks. *Trends in Genetics*, **2004**, 20, 227-31	8.5	254
13	A universal legal framework as a prerequisite for database interoperability. *Nature Biotechnology*, **2003**, 21, 979-82	44.5	7
12	A Bayesian networks approach for predicting protein-protein interactions from genomic data. *Science*, **2003**, 302, 449-53	33.3	1007
11	Comparing protein abundance and mRNA expression levels on a genomic scale. *Genome Biology*, **2003**, 4, 117	18.3	1165
10	An analysis of the present system of scientific publishing: what's wrong and where to go from here. *Interdisciplinary Science Reviews*, **2003**, 28, 293-302	0.7	1
9	Bridging structural biology and genomics: assessing protein interaction data with known complexes. *Trends in Genetics*, **2002**, 18, 529-36	8.5	235
8	Structural genomics analysis: characteristics of atypical, common, and horizontally transferred folds. *Proteins: Structure, Function and Bioinformatics*, **2002**, 47, 126-41	4.2	31
7	GeneCensus: genome comparisons in terms of metabolic pathway activity and protein family sharing. *Nucleic Acids Research*, **2002**, 30, 4574-82	20.1	14
6	Analysis of mRNA expression and protein abundance data: an approach for the comparison of the enrichment of features in the cellular population of proteins and transcripts. *Bioinformatics*, **2002**, 18, 585-96	7.2	139
5	Relating whole-genome expression data with protein-protein interactions. *Genome Research*, **2002**, 12, 37-46	9.7	509

4	Genomic and proteomic analysis of the myeloid differentiation program: global analysis of gene expression during induced differentiation in the MPRO cell line. *Blood*, **2002**, 100, 3209-20	2.2	81
3	Interrelating different types of genomic data, from proteome to secretome: 'oming in on function. *Genome Research*, **2001**, 11, 1463-8	9.7	121
2	What is Bioinformatics? A Proposed Definition and Overview of the Field. *Methods of Information in Medicine*, **2001**, 40, 346-358	1.5	218
1	Avoiding Overregulation in the Medical Internet of Things129-141		2