

# Dov Greenbaum

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9307558/publications.pdf>

Version: 2024-02-01

83  
papers

5,611  
citations

430874

18  
h-index

79698

73  
g-index

104  
all docs

104  
docs citations

104  
times ranked

8268  
citing authors

#	ARTICLE	IF	CITATIONS
1	The lasting legacy of John von Neumann <b>The Man from the Future: The Visionary Life of John von Neumann</b> <i>Ananyo Bhattacharya</i> Norton, 2022. 368 pp.. Science, 2022, 375, 983-983.	12.6	0
2	ELSI: Ethical, Legal and Social Implications. , 2022, , .		0
3	VR in the Prison System: Ethical and Legal Concerns. AJOB Neuroscience, 2022, 13, 158-160.	1.1	0
4	Establishing a Global Standard for Wearable Devices in Sport and Exercise Medicine: Perspectives from Academic and Industry Stakeholders. Sports Medicine, 2021, 51, 2237-2250.	6.5	12
5	Cyberbiosecurity: An Emerging Field that has Ethical Implications for Clinical Neuroscience. Cambridge Quarterly of Healthcare Ethics, 2021, 30, 662-668.	0.8	9
6	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.	0.7	1
7	Space debris puts exploration at risk. Science, 2020, 370, 922-922.	12.6	12
8	Increased cyber-biosecurity for DNA synthesis. Nature Biotechnology, 2020, 38, 1379-1381.	17.5	19
9	Making Compassionate Use More Useful: Using real-world data, real-world evidence and digital twins to supplement or supplant randomized controlled trials. , 2020, , .		5
10	Thematic Coherence Within Narratives: A Feature or a Bug?. AJOB Neuroscience, 2020, 11, 24-25.	1.1	0
11	Deep Fakes and Memory Malleability: False Memories in the Service of Fake News. AJOB Neuroscience, 2020, 11, 96-104.	1.1	19
12	Editorial: ELSI in Human Enhancement: What Distinguishes It From Therapy?. Frontiers in Genetics, 2020, 11, 618.	2.3	3
13	Lessons in space regulations from the lunar tardigrades of the Beresheet hard landing. Nature Astronomy, 2020, 4, 208-209.	10.1	10
14	Making It Count: Extracting Real World Data from Compassionate Use and Expanded Access Programs. American Journal of Bioethics, 2020, 20, 89-92.	0.9	11
15	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.	0.9	4
16	Ethics of AI in Transplant Matching: Is It Better or Just More of the Same?. American Journal of Bioethics, 2019, 19, 45-47.	0.9	2
17	Neuralink: The Ethical â€”rhythmic of Reading and Writing to the Brain. AJOB Neuroscience, 2019, 10, 187-189.	1.1	10
18	When a Push Becomes a Shove: Nudging in Elderly Care. American Journal of Bioethics, 2019, 19, 78-80.	0.9	5

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19	Hotline Bling: Late-Night Ethics Calls as an Alternative to Research Ethics Consultations. American Journal of Bioethics, 2018, 18, 61-62.	0.9	2
20	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.	0.9	3
21	Is Criminal Law Both Redundant and Inconsistent?: Crime and Consciousness in Light of Developments in Neuroscience. AJOB Neuroscience, 2018, 9, 51-52.	1.1	0
22	Wuz You Robbed? Concerns With Using Big Data Analytics in Sports. American Journal of Bioethics, 2018, 18, 32-33.	0.9	13
23	Is Social Media a Cesspool of Misinformation? Clearing a Path for Patient-Friendly Safe Spaces Online. American Journal of Bioethics, 2017, 17, 19-21.	0.9	10
24	Matters of life and death <b>To Be a Machine: Adventures Among Cyborgs, Utopians, Hackers, and the Futurists Solving the Modest Problem of Death</b> <i>Mark O'Connell</i> Doubleday, 2017. 251 pp. <b>Modern Death: How Medicine Changed the End of Life</b> <i>Haider Warraich</i> St. Martin's Press, 2017. 336 pp.. Science, 2017, 355, 1029-1029.	12.6	1
25	They Chose Poorly: A Novel Cause of Action to Discourage Detrimental Genetic Selection. American Journal of Law and Medicine, 2017, 43, 107-137.	0.2	1
26	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.	0.9	0
27	Science and Law Separated by Impenetrable Language Barriers: Overcoming Impediments to Much Needed Interactions. AJOB Neuroscience, 2017, 8, 37-39.	1.1	2
28	Structuring supplemental materials in support of reproducibility. Genome Biology, 2017, 18, 64.	8.8	10
29	Go Big or Go Home: Big Science and ELSI Funding. AJOB Neuroscience, 2016, 7, 32-34.	1.1	3
30	Memories: More Dangerous Than the Real Thing?. AJOB Neuroscience, 2016, 7, 251-253.	1.1	1
31	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.	1.1	0
32	Are BMI prosthetics uncontrollable Frankensteinian monsters?. Brain-Computer Interfaces, 2016, 3, 149-155.	1.8	8
33	Ethical, legal and social concerns relating to exoskeletons. ACM SIGCAS Computers and Society, 2016, 45, 234-239.	0.1	15
34	Editorial (Thematic Issue: Genomics and Criminal Law). Recent Advances in DNA & Gene Sequences, 2015, 8, 57-58.	0.7	0
35	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, 32-34.	0.9	5
36	Legal and Social Implications of Predictive Brain Machine Interfaces: Duty of Care, Negligence, and Criminal Responsibility. AJOB Neuroscience, 2015, 6, 40-42.	1.1	6

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37	Exoskeleton progress yields slippery slope. <i>Science</i> , 2015, 350, 1176-1176.	12.6	3
38	Expanding ELSI to all areas of innovative science and technology. <i>Nature Biotechnology</i> , 2015, 33, 425-426.	17.5	22
39	More Nuanced Informed Consent Is Not Necessarily Better Informed Consent. <i>American Journal of Bioethics</i> , 2015, 15, 51-53.	0.9	1
40	If You Don't Know Where You Are Going, You Might Wind Up Somewhere Else: Incidental Findings in Recreational Personal Genomics. <i>American Journal of Bioethics</i> , 2014, 14, 12-14.	0.9	7
41	Proposed social and technological solutions to issues of data privacy in personal genomics. , 2014, , .		2
42	The Picture of Health: Medical Ethics and the Movies. <i>Medical Law Review</i> , 2014, 22, 644-649.	0.5	0
43	Genomic Data Disclosure: Time to Reassess the Realities. <i>American Journal of Bioethics</i> , 2013, 13, 47-50.	0.9	2
44	If You Can't Walk the Walk, Do You Have to Talk the Talk: Ethical Considerations for the Emerging Field of Sports Genomics. <i>American Journal of Bioethics</i> , 2013, 13, 19-21.	0.9	3
45	Grand challenge: ELSI in a changing global environment. <i>Frontiers in Genetics</i> , 2013, 4, 158.	2.3	7
46	Introducing Personal Genomics to College Athletes: Potentials and Pitfalls. <i>American Journal of Bioethics</i> , 2012, 12, 45-47.	0.9	3
47	Editorial [Hot Topic Special Issue: Genetics and Athletics Guest Editor: Dov Greenbaum]. <i>Recent Patents on DNA &amp; Gene Sequences</i> , 2012, 6, 173-174.	0.7	0
48	Patents and Drug Shortages: Will the New Congressional Efforts Save Us from Impending Drug Shortages?. <i>American Journal of Bioethics</i> , 2012, 12, 18-20.	0.9	8
49	Regulation and the Fate of Personalized Medicine. <i>AMA Journal of Ethics</i> , 2012, 14, 645-652.	0.7	1
50	The real cost of sequencing: higher than you think!. <i>Genome Biology</i> , 2011, 12, 125.	9.6	299
51	Patentable Subject Matter: Morally Neutral and Context Free. <i>Recent Patents on DNA &amp; Gene Sequences</i> , 2011, 5, 72-80.	0.7	1
52	An Analysis of Federal Circuit Discrimination: The Evolution of the Written Description Requirement Vis-a-Vis DNA and Biotechnological Inventions Concerns for Synthetic Biology. <i>Recent Patents on DNA &amp; Gene Sequences</i> , 2011, 5, 153-165.	0.7	1
53	Genomics and Privacy: Implications of the New Reality of Closed Data for the Field. <i>PLoS Computational Biology</i> , 2011, 7, e1002278.	3.2	67
54	Social Considerations in Research: Consider Them but Don't Use Them. <i>American Journal of Bioethics</i> , 2011, 11, 31-32.	0.9	1

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55	The Role of Cloud Computing in Managing the Deluge of Potentially Private Genetic Data. <i>American Journal of Bioethics</i> , 2011, 11, 39-41.	0.9	39
56	National Technology Transfer Mechanisms. , 2011, , .		1
57	State Neutrality and Patentable Subject Matter: Developing Controversial Biotechnology. <i>AJOB Neuroscience</i> , 2010, 1, 59-61.	1.1	0
58	Hochschullehrerprivilegiê”A Modern Incarnation of the Professorâ€™s Privilege to Promote University to Industry Technology Transfer. <i>Science, Technology and Society</i> , 2010, 15, 55-76.	1.9	16
59	When Scientific Data Become Legal Evidence. <i>Science</i> , 2009, 324, 335-336.	12.6	1
60	Social Networking and Personal Genomics: Suggestions for Optimizing the Interaction. <i>American Journal of Bioethics</i> , 2009, 9, 15-19.	0.9	6
61	Can't run from DNA. <i>New Scientist</i> , 2009, 203, 28-29.	0.0	0
62	Genomic Anonymity: Have We Already Lost It?. <i>American Journal of Bioethics</i> , 2008, 8, 71-74.	0.9	31
63	An Analysis of the Evolution of the Written Description Requirement vis-a-vis DNA and Biotechnological Inventions. <i>Recent Patents on DNA &amp; Gene Sequences</i> , 2007, 1, 138-44.	0.7	0
64	An interdepartmental Ph.D. program in computational biology and bioinformatics: The Yale perspective. <i>Journal of Biomedical Informatics</i> , 2007, 40, 73-79.	4.3	17
65	Network security and data integrity in academia: an assessment and a proposal for large-scale archiving. <i>Genome Biology</i> , 2005, 6, 119.	9.6	16
66	TopNet: a tool for comparing biological sub-networks, correlating protein properties with topological statistics. <i>Nucleic Acids Research</i> , 2004, 32, 328-337.	14.5	80
67	Editorial. <i>Nucleic Acids Research</i> , 2004, 33, D3-D4.	14.5	0
68	Analyzing Cellular Biochemistry in Terms of Molecular Networks. <i>Annual Review of Biochemistry</i> , 2004, 73, 1051-1087.	11.1	133
69	Computer security in academiaâ€”a potential roadblock to distributed annotation of the human genome. <i>Nature Biotechnology</i> , 2004, 22, 771-772.	17.5	1
70	Genomic analysis of essentiality within protein networks. <i>Trends in Genetics</i> , 2004, 20, 227-231.	6.7	303
71	A universal legal framework as a prerequisite for database interoperability. <i>Nature Biotechnology</i> , 2003, 21, 979-982.	17.5	11
72	A Bayesian Networks Approach for Predicting Protein-Protein Interactions from Genomic Data. <i>Science</i> , 2003, 302, 449-453.	12.6	1,183

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73	Comparing protein abundance and mRNA expression levels on a genomic scale. <i>Genome Biology</i> , 2003, 4, 117.	9.6	1,453
74	An analysis of the present system of scientific publishing: what's wrong and where to go from here. <i>Interdisciplinary Science Reviews</i> , 2003, 28, 293-302.	1.4	2
75	GeneCensus: genome comparisons in terms of metabolic pathway activity and protein family sharing. <i>Nucleic Acids Research</i> , 2002, 30, 4574-4582.	14.5	20
76	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. <i>Bioinformatics</i> , 2002, 18, 585-596.	4.1	176
77	Relating Whole-Genome Expression Data with Protein-Protein Interactions. <i>Genome Research</i> , 2002, 12, 37-46.	5.5	605
78	Genomic and proteomic analysis of the myeloid differentiation program: global analysis of gene expression during induced differentiation in the MPRO cell line. <i>Blood</i> , 2002, 100, 3209-3220.	1.4	88
79	Bridging structural biology and genomics: assessing protein interaction data with known complexes. <i>Trends in Genetics</i> , 2002, 18, 529-536.	6.7	265
80	Structural genomics analysis: Characteristics of atypical, common, and horizontally transferred folds. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 47, 126-141.	2.6	33
81	What is Bioinformatics? A Proposed Definition and Overview of the Field. <i>Methods of Information in Medicine</i> , 2001, 40, 346-358.	1.2	306
82	Interrelating Different Types of Genomic Data, from Proteome to Secretome: 'Oming in on Function. <i>Genome Research</i> , 2001, 11, 1463-1468.	5.5	155
83	Avoiding Overregulation in the Medical Internet of Things. , 0, , 129-141.		4