

Brian D Athey

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,017
citations

623188

14
h-index

580395

25
g-index

37
all docs

37
docs citations

37
times ranked

1710
citing authors

#	ARTICLE	IF	CITATIONS
1	Valproic acid-induced changes of 4D nuclear morphology in astrocyte cells. <i>Molecular Biology of the Cell</i> , 2021, 32, 1624-1633.	0.9	6
2	CIDO, a community-based ontology for coronavirus disease knowledge and data integration, sharing, and analysis. <i>Scientific Data</i> , 2020, 7, 181.	2.4	70
3	Druggable Transcriptional Networks in the Human Neurogenic Epigenome. <i>Pharmacological Reviews</i> , 2019, 71, 520-538.	7.1	11
4	The pharmacoepigenomics informatics pipeline defines a pathway of novel and known warfarin pharmacogenomics variants. <i>Pharmacogenomics</i> , 2018, 19, 413-434.	0.6	4
5	Deep learning in pharmacogenomics: from gene regulation to patient stratification. <i>Pharmacogenomics</i> , 2018, 19, 629-650.	0.6	119
6	3D Cell Nuclear Morphology: Microscopy Imaging Dataset and Voxel-Based Morphometry Classification Results. , 2018, , .		14
7	3D Shape Modeling for Cell Nuclear Morphological Analysis and Classification. <i>Scientific Reports</i> , 2018, 8, 13658.	1.6	22
8	Mining the topography and dynamics of the 4D Nucleome to identify novel CNS drug pathways. <i>Methods</i> , 2017, 123, 102-118.	1.9	11
9	Network Reconstruction Reveals that Valproic Acid Activates Neurogenic Transcriptional Programs in Adult Brain Following Traumatic Injury. <i>Pharmaceutical Research</i> , 2017, 34, 1658-1672.	1.7	22
10	The epigenome, 4D nucleome and next-generation neuropsychiatric pharmacogenomics. <i>Pharmacogenomics</i> , 2015, 16, 1649-1669.	0.6	18
11	Epigenomic mapping and effect sizes of noncoding variants associated with psychotropic drug response. <i>Pharmacogenomics</i> , 2015, 16, 1565-1583.	0.6	21
12	A glutamatergic network mediates lithium response in bipolar disorder as defined by epigenome pathway analysis. <i>Pharmacogenomics</i> , 2015, 16, 1547-1563.	0.6	34
13	CLO: The cell line ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 37.	0.9	89
14	The NIH National Center for Integrative Biomedical Informatics (NCIBI). <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 166-170.	2.2	17
15	Integrated metabolome and transcriptome analysis of the NCI60 dataset. <i>BMC Bioinformatics</i> , 2011, 12, S36.	1.2	38
16	Cross-domain neurobiology data integration and exploration. <i>BMC Genomics</i> , 2010, 11, S6.	1.2	11
17	Cross-Domain Neurobiology Data Integration and Exploration. , 2009, , .		0
18	“Keeping up with Bioinformatics and Computational Biology as applied to biomedicine—Where has it been? Where is it going?”. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Open Biomedical Ontology-based Medline exploration. BMC Bioinformatics, 2009, 10, S6.	1.2	10
20	Synergies and Distinctions Between Computational Disciplines in Biomedical Research: Perspective From the Clinical and Translational Science Award Programs. Academic Medicine, 2009, 84, 964-970.	0.8	39
21	Integrative Biomedical Informatics. , 2007, , .		0
22	AN ACTIVE VISUAL SEARCH INTERFACE FOR MEDLINE. , 2007, , .		3
23	Noise suppression and optical sectioning by non-phase-recording interferometry. Applied Optics, 2004, 43, 4512.	2.1	0
24	Synthetic aperture, holographic, chirped confocal process. , 2004, , .		0
25	Optical sectioning by holographic coherence imaging: a generalized analysis. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 380.	0.8	18
26	Correlations among angular wave component amplitudes in elastic multiple-scattering random media. Physical Review E, 2002, 65, 026614.	0.8	10
27	<title>Generalization of the theory of holographic coherence confocal imaging</title>. , 2002, , .		0
28	Structural Molecular Dynamics Studies on Polyamidoamine Dendrimers for a Therapeutic Application:â€™ Effects of pH and Generation. Macromolecules, 2002, 35, 4510-4520.	2.2	263
29	Investigation of ultrafast time gating by spatial filtering. Applied Optics, 2001, 40, 2282.	2.1	4
30	<title>Information optics concepts applied to image formation in highly scattering media</title>. , 2001, 4392, 1.		0
31	Final Report of the Meeting â€™ Modeling & Simulation in Medicine: Towards an Integrated Frameworkâ€™; July 20-21, 2000, National Library of Medicine, National Institutes of Health, Bethesda, Maryland, USA. Computer Aided Surgery, 2001, 6, 32-39.	1.8	5
32	A Methodology for Account Management in Grid Computing Environments. Lecture Notes in Computer Science, 2001, , 133-144.	1.0	22
33	<title>Navigating solid medical images by pencils of sectioning planes</title>. , 2000, , .		4
34	Subcellular optochemical nanobiosensors: probes encapsulated by biologically localised embedding (PEBBLEs). Sensors and Actuators B: Chemical, 1998, 51, 12-16.	4.0	125