Arthur Berg

List of Publications by Year
in descending order

94 papers	2,396 citations	230014 27 h-index	252626 46 g-index
94 all docs	94 docs citations	94 times ranked	4881 citing authors

#	ARTICLE	IF	CITATIONS
1	Exact-Corrected Confidence Interval for Risk Difference in Noninferiority Binomial Trials. Biometrics, 2023, 79, 1133-1144.	0.8	2
2	Factors Associated with Child Maltreatment Fatality among Young Children with an Open Child Protective Services Case at Death. Child Abuse Review, 2022, 31, .	0.4	3
3	Targeting WEE1/AKT Restores p53-Dependent Natural Killerâ€"Cell Activation to Induce Immune Checkpoint Blockade Responses in â€œColdâ€•Melanoma. Cancer Immunology Research, 2022, 10, 757-769.	1.6	11
4	0032 Objective and Subjective Measures of Sleep Initiation are Differentially Associated with DNA Methylation in Adolescents. Sleep, 2022, 45, A15-A15.	0.6	0
5	0031 Sleep Regularity is Associated with DNA Methylation in Cognitive, Cardiovascular and Mood-related Genes: A GWAS-informed Study in Adolescents. Sleep, 2022, 45, A14-A15.	0.6	1
6	Challenges in Effective Faculty and Provider Recognition to Enhance Engagement. Family Medicine, 2022, 54, 461-465.	0.3	0
7	Connecting and Contrasting the Bayes Factor and a Modified ROPE Procedure for Testing Interval Null Hypotheses. American Statistician, 2021, 75, 256-264.	0.9	16
8	A Robustified Posterior for Bayesian Inference on a Large Number of Parallel Effects. American Statistician, 2021, 75, 145-151.	0.9	1
9	Statistical Analysis of the International Mathematical Olympiad. Mathematical Intelligencer, 2021, 43, 105-112.	0.1	4
10	Social Inequities Between Prenatal Patients in Family Medicine and Obstetrics and Gynecology with Similar Outcomes. Journal of the American Board of Family Medicine, 2021, 34, 181-188.	0.8	1
11	Body Composition and Metabolic Assessment After Motor Complete Spinal Cord Injury: Development of a Clinically Relevant Equation to Estimate Body Fat. Topics in Spinal Cord Injury Rehabilitation, 2021, 27, 11-22.	0.8	26
12	Model-based assessment of replicability for genome-wide association meta-analysis. Nature Communications, 2021, 12, 1964.	5.8	24
13	Bayesian explorations with dice. Teaching Statistics, 2021, 43, 114-123.	0.6	1
14	Activating Sphingosine-1-phospahte signaling in endothelial cells increases myosin light chain phosphorylation to decrease endothelial permeability thereby inhibiting cancer metastasis. Cancer Letters, 2021, 506, 107-119.	3.2	4
15	010 Association between Objective Sleep Duration and DNA methylation in Adolescents. Sleep, 2021, 44, A4-A6.	0.6	0
16	Assessing the impact of COVIDâ€19 on registered interventional clinical trials. Clinical and Translational Science, 2021, 14, 1147-1154.	1.5	9
17	Some teaching resources using R with illustrative examples exploring COVID â€19 data. Teaching Statistics, 2021, 43, S98.	0.6	0
18	Determining the Perception and Willingness of Primary Care Providers to Prescribe Advanced Diabetes Technologies. Journal of Patient-centered Research and Reviews, 2021, 8, 272-276.	0.6	3

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19	Impact of a Prescription Produce Program on Diabetes and Cardiovascular Risk Outcomes. Journal of Nutrition Education and Behavior, 2021, 53, 1008-1017.	0.3	25
20	DJ4 Targets the Rho-Associated Protein Kinase Pathway and Attenuates Disease Progression in Preclinical Murine Models of Acute Myeloid Leukemia. Cancers, 2021, 13, 4889.	1.7	4
21	COLQ and ARHGAP15 are Associated with Diverticular Disease and are Expressed in the Colon. Journal of Surgical Research, 2021, 267, 397-403.	0.8	2
22	Development of a Novel Multi-Isoform ALDH Inhibitor Effective as an Antimelanoma Agent. Molecular Cancer Therapeutics, 2020, 19, 447-459.	1.9	15
23	Reduced bias nonparametric lifetime density and hazard estimation. Test, 2020, 29, 704-727.	0.7	0
24	Assessing the Impact of the NIH CTSA Program on Clinical Trials Registered With ClinicalTrials.gov. Clinical and Translational Science, 2020, 13, 818-825.	1.5	1
25	Bayesian statistics in the classroom: Introducing shrinkage with basketball statistics and the internet movie database. Teaching Statistics, 2020, 42, 47-53.	0.6	0
26	Feasibility of Nonanonymous Burnout Surveys in a Large Academic Department. Family Medicine, 2020, 52, 278-281.	0.3	2
27	Ethnic and Gender Diversity Comparison between Surgical Patients and Caring Surgeons. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e3198.	0.3	2
28	The Role of Genetic Variant rs13266634 in SLC30A8/ZnT8 in Postoperative Hyperglycemia After Major Abdominal Surgery. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3877-3892.	1.8	0
29	Sharpening Jensen's Inequality. American Statistician, 2019, 73, 278-281.	0.9	36
30	Glycated Hemoglobin Differences Among Blog-Reading Adults With Type 1 Diabetes Compared With Those Who Do Not Read Blogs: Cross-Sectional Study. JMIR Diabetes, 2019, 4, e13634.	0.9	24
31	Moving Synergistically Acting Drug Combinations to the Clinic by Comparing Sequential versus Simultaneous Drug Administrations. Molecular Pharmacology, 2018, 93, 190-196.	1.0	9
32	Pilot Randomized Trial of an Automated Smoking Cessation Intervention via Mobile Phone Text Messages as an Adjunct to Varenicline in Primary Care. Journal of Health Communication, 2018, 23, 370-378.	1.2	18
33	TXT2STAYQUIT: Pilot Randomized Trial of Brief Automated Smoking Cessation Texting Intervention for Inpatient Smokers Discharged from the Hospital. Journal of Hospital Medicine, 2018, 13, 488-489.	0.7	8
34	Abstract P129: Association Between Blood Pressure and DNA Methylation in Blood Pressure-related Genes in Adolescents. Circulation, 2018, 137, .	1.6	0
35	Diverticular disease is associated with benign intra-abdominal cystic disease. Expert Review of Gastroenterology and Hepatology, 2017, 11, 487-490.	1.4	4
36	Inpatient infliximab is ineffective at preventing colectomy for steroid refractory extensive colitis. Journal of Surgical Research, 2017, 219, 18-24.	0.8	6

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37	A Selenium Containing Inhibitor for the Treatment of Hepatocellular Cancer. Pharmaceuticals, 2016, 9, 18.	1.7	11
38	P-182â€ƒExamination of CrohnÊ¼s Disease Variants in a Fraternal Twin Family Using Exome Sequencing and Inflammatory Bowel Disease-Associated Single Nucleotide Polymorphisms. Inflammatory Bowel Diseases, 2016, 22, S64-S65.	0.9	0
39	NNK reduction pathway gene polymorphisms and risk of lung cancer. Molecular Carcinogenesis, 2015, 54, E94-E102.	1.3	15
40	Abdominal Obesity and Metabolic Syndrome Burden in Adolescentsâ€"Penn State Children Cohort Study. Journal of Clinical Densitometry, 2015, 18, 30-36.	0.5	68
41	Genetic and environmental influences on plasma vitamin D binding protein concentrations. Translational Research, 2015, 165, 667-676.	2.2	27
42	The effect of motivational lung age feedback on short-term quit rates in smokers seeking intensive group treatment: A randomized controlled pilot study. Drug and Alcohol Dependence, 2015, 153, 271-277.	1.6	17
43	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	1.3	239
44	Aberrant over-expression of TRPM7 ion channels in pancreatic cancer: required for cancer cell invasion and implicated in tumor growth and metastasis. Biology Open, 2015, 4, 507-514.	0.6	50
45	Metabolic reprogramming and dysregulated metabolism: cause, consequence and/or enabler of environmental carcinogenesis?. Carcinogenesis, 2015, 36, S203-S231.	1.3	93
46	Low expression of D2R and Wntless correlates with high motivation for heroin.. Behavioral Neuroscience, 2015, 129, 744-755.	0.6	19
47	Aberrantly Over-Expressed TRPM8 Channels in Pancreatic Adenocarcinoma: Correlation with Tumor Size/Stage and Requirement for Cancer Cells Invasion. Cells, 2014, 3, 500-516.	1.8	23
48	REDD1 enhances protein phosphatase 2Aâ€"mediated dephosphorylation of Akt to repress mTORC1 signaling. Science Signaling, 2014, 7, ra68.	1.6	120
49	Prior robust empirical Bayes inference for large-scale data by conditioning on rank with application to microarray data. Biostatistics, 2014, 15, 60-73.	0.9	4
50	The circadian pattern of cardiac autonomic modulation and obesity in adolescents. Clinical Autonomic Research, 2014, 24, 265-273.	1.4	24
51	Comparative Effects of Two Different Forms of Selenium on Oxidative Stress Biomarkers in Healthy Men: A Randomized Clinical Trial. Cancer Prevention Research, 2014, 7, 796-804.	0.7	36
52	Single-site Laparoscopic Colorectal Surgery Provides Similar Lengths of Hospital Stay and Similar Costs Compared with Standard Laparoscopy: Results of a Retrospective Cohort Study. Journal of Gastrointestinal Surgery, 2014, 18, 774-781.	0.9	4
53	Social disadvantage, genetic sensitivity, and childrenâ€™s telomere length. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5944-5949.	3.3	236
54	PaTH: towards a learning health system in the Mid-Atlantic region. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 633-636.	2.2	46

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55	Genome‑wide mapping of large organized heterochromatin domains reveals hotspots of epigenetic and transcriptional changes associated with myeloid differentiation and acute myeloid leukemia (565.1). FASEB Journal, 2014, 28, 565.1.	0.2	1
56	Identification of Aurora Kinase B and Wee1-Like Protein Kinase as Downstream Targets of V600EB-RAF in Melanoma. American Journal of Pathology, 2013, 182, 1151-1162.	1.9	33
57	The effect of copy number variation in the phase II detoxification genes *UGT2B17* and *UGT2B28* on colorectal cancer risk. Cancer, 2013, 119, 2477-2485.	2.0	40
58	Predicting Recurrence of C. difficile Colitis Using Bacterial Virulence Factors: Binary Toxin Is the Key. Journal of Gastrointestinal Surgery, 2013, 17, 118-125.	0.9	85
59	Mechanisms Underlying the Varied Mammary Carcinogenicity of the Environmental Pollutant 6-Nitrochrysene and Its Metabolites (â̂)-[*R*,*R*]- and (+)-[*S*,*S*]-1,2-Dihydroxy-1,2-dihydro-6-nitrochrysene in the Rat. Chemical Research in Toxicology, 2013, 26, 547-554.	1.7	2
60	Effect of Varenicline on Individual Nicotine Withdrawal Symptoms: A Combined Analysis of Eight Randomized, Placebo-Controlled Trials. Nicotine and Tobacco Research, 2013, 15, 1849-1857.	1.4	41
61	Assessing the Impact of the NIH CTSA Program on Institutionally Sponsored Clinical Trials. Clinical and Translational Science, 2013, 6, 196-200.	1.5	9
62	Identification of mammary epithelial cells subject to chronic oxidative stress in mammary epithelium of young women and teenagers living in USA. Cancer Biology and Therapy, 2012, 13, 101-113.	1.5	8
63	Genetic Risk Profiling and Gene Signature Modeling to Predict Risk of Complications After IPAA. Diseases of the Colon and Rectum, 2012, 55, 239-248.	0.7	31
64	Mutations in IRGM Are Associated With More Frequent Need for Surgery in Patients With Ileocolonic Crohn's Disease. Diseases of the Colon and Rectum, 2012, 55, 115-121.	0.7	45
65	Testing Time Series Linearity. Handbook of Statistics, 2012, 30, 27-42.	0.4	5
66	PPI Therapy and Albumin are Better Predictors of Recurrent Clostridium difficile Colitis than Choice of Antibiotics. Journal of Gastrointestinal Surgery, 2012, 16, 2267-2273.	0.9	28
67	Regression of established hepatocellular carcinoma is induced by chemoimmunotherapy in an orthotopic murine model. Hepatology, 2012, 55, 141-152.	3.6	39
68	Circulating Tumor Cells in Melanoma Patients. PLoS ONE, 2012, 7, e41052.	1.1	75
69	PTPN2 is associated with Crohn's disease and its expression is regulated by NKX2-3. Disease Markers, 2012, 32, 83-91.	0.6	9
70	Psychological health in patients with ALS is maintained as physical function declines. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 290-296.	2.3	37
71	NKX2-3 variant rs11190140 is associated with IBD and alters binding of NFAT. Molecular Genetics and Metabolism, 2011, 104, 174-179.	0.5	18
72	NKX2-3 Transcriptional Regulation of Endothelin-1 and VEGF Signaling in Human Intestinal Microvascular Endothelial Cells. PLoS ONE, 2011, 6, e20454.	1.1	22

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73	Genetic Variants and Monoallelic Expression of Surfactant Protein-D in Inflammatory Bowel Disease. Annals of Human Genetics, 2011, 75, 559-568.	0.3	15
74	Risk Factors for Surgical Site Infections after Colorectal Resection in Diabetic Patients. Journal of the American College of Surgeons, 2011, 212, 29-34.	0.2	72
75	The Akt Inhibitor ISC-4 Activates Prostate Apoptosis Response Protein-4 and Reduces Colon Tumor Growth in a Nude Mouse Model. Clinical Cancer Research, 2011, 17, 4474-4483.	3.2	42
76	Plasma netrin-1 is a diagnostic biomarker of human cancers. Biomarkers, 2011, 16, 172-180.	0.9	50
77	Functional Mapping of Expression Quantitative Trait Loci that Regulate Oscillatory Gene Expression. Methods in Molecular Biology, 2011, 734, 241-255.	0.4	4
78	NOD2/CARD15 Mutations Correlate With Severe Pouchitis After Ileal Pouch-Anal Anastomosis. Diseases of the Colon and Rectum, 2010, 53, 1487-1494.	0.7	57
79	A bootstrap test for time series linearity. Journal of Statistical Planning and Inference, 2010, 140, 3841-3857.	0.4	22
80	Mapping genes for plant structure, development and evolution: functional mapping meets ontology. Trends in Genetics, 2010, 26, 39-46.	2.9	37
81	Functional Clustering of Periodic Transcriptional Profiles through ARMA(p,q). PLoS ONE, 2010, 5, e9894.	1.1	34
82	Trilocus Disequilibrium Analysis of Multiallelic Markers in Outcrossing Populations. Statistical Applications in Genetics and Molecular Biology, 2010, 9, Article 16.	0.2	3
83	Wavelet-Based Functional Clustering for Patterns of High-Dimensional Dynamic Gene Expression. Journal of Computational Biology, 2010, 17, 1067-1080.	0.8	13
84	Glucuronidation Genotypes and Nicotine Metabolic Phenotypes: Importance of Functional UGT2B10 and UGT2B17 Polymorphisms. Cancer Research, 2010, 70, 7543-7552.	0.4	67
85	Modeling the Genetic Etiology of Pharmacokinetic–Pharmacodynamic Links with the Arma Process. Journal of Biopharmaceutical Statistics, 2010, 20, 351-372.	0.4	2
86	Functional mapping of drug response with pharmacodynamic–pharmacokinetic principles. Trends in Pharmacological Sciences, 2010, 31, 306-311.	4.0	27
87	Functional Genome-Wide Association Studies of Longitudinal Traits. , 2010, , 23-1-23-14.		0
88	Higher-order accurate polyspectral estimation with flat-top lag-windows. Annals of the Institute of Statistical Mathematics, 2009, 61, 477-498.	0.5	8
89	Development of 16 polymorphic simple sequence repeat markers for *Lycoris longituba* from expressed sequence tags. Molecular Ecology Resources, 2009, 9, 278-280.	2.2	5
90	CDF and survival function estimation with infinite-order kernels. Electronic Journal of Statistics, 2009, 3, .	0.4	15

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91	Multivariate lag-windows and group representations. Journal of Multivariate Analysis, 2008, 99, 2479-2496.	0.5	3
92	On effect‑measure modification: Relationships among changes in the relative risk, odds ratio, and risk difference. Statistics in Medicine, 2008, 27, 3453-3465.	0.8	30
93	A Statistical Model for Testing the Pleiotropic Control of Phenotypic Plasticity for a Count Trait. Genetics, 2008, 179, 627-636.	1.2	11
94	A Computational Approach to the Functional Clustering of Periodic Gene-Expression Profiles. Genetics, 2008, 180, 821-834.	1.2	57