David M Steinberg

List of Publications by Year
in descending order

71 papers	1,855 citations	361045 20 h-index	276539 41 g-index
73 all docs	73 docs citations	73 times ranked	2156 citing authors

#	Article	IF	Citations
1	Residue frequencies and pairing preferences at protein-protein interfaces. Proteins: Structure, Function and Bioinformatics, 2001, 43, 89-102.	1.5	359
2	Association Between BNT162b2 Vaccination and Incidence of SARS-CoV-2 Infection in Pregnant Women. JAMA - Journal of the American Medical Association, 2021, 326, 728.	3.8	216
3	Association of BNT162b2 COVID-19 Vaccination During Pregnancy With Neonatal and Early Infant Outcomes. JAMA Pediatrics, 2022, 176, 470.	3.3	93
4	Computer experiments: a review. AStA Advances in Statistical Analysis, 2010, 94, 311-324.	0.4	86
5	Fast Computation of Designs Robust to Parameter Uncertainty for Nonlinear Settings. Technometrics, 2009, 51, 88-95.	1.3	85
6	Follow-Up Designs to Resolve Confounding in Multifactor Experiments. Technometrics, 1996, 38, 303-313.	1.3	84
7	Robust Experimental Design for Multivariate Generalized Linear Models. Technometrics, 2006, 48, 520-529.	1.3	83
8	Sequential Experimental Designs for Generalized Linear Models. Journal of the American Statistical Association, 2008, 103, 288-298.	1.8	77
9	Role of aspirin in reducing the frequency of second eye involvement in patients with non-arteritic anterior ischaemic optic neuropathy. Eye, 1999, 13, 357-359.	1.1	69
10	Sample size for positive and negative predictive value in diagnostic research using case–control designs. Biostatistics, 2009, 10, 94-105.	0.9	68
11	Modeling Data from Computer Experiments: An Empirical Comparison of Kriging with MARS and Projection Pursuit Regression. Quality Engineering, 2007, 19, 327-338.	0.7	56
12	Chronic exposure to traffic-related air pollution and cancer incidence among 10,000 patients undergoing percutaneous coronary interventions: A historical prospective study. European Journal of Preventive Cardiology, 2018, 25, 659-670.	0.8	36
13	The Design and Analysis of 2k−PÃ—sPrototype Experiments. Technometrics, 1997, 39, 52-62.	1.3	35
14	Thrombophilia as a cause for central and branch retinal artery occlusion in patients without an apparent embolic source. Eye, 2001, 15, 511-514.	1.1	33
15	Design and analysis of computer experiments. AStA Advances in Statistical Analysis, 2010, 94, 307-309.	0.4	29
16	Long-term exposure to traffic-related air pollution and cancer among survivors of myocardial infarction: A 20-year follow-up study. European Journal of Preventive Cardiology, 2017, 24, 92-102.	0.8	29
17	Follow-Up Designs to Resolve Confounding in Multifactor Experiments. , 0, .		29
18	Subcutaneous Compared with Intraperitoneal KetamineXylazine for Anesthesia of Mice. Journal of the American Association for Laboratory Animal Science, 2016, 55, 794-800.	0.6	29

#	ARTICLE	IF	CITATIONS
19	Logic Trees, Sensitivity Analyses, and Data Reduction in Probabilistic Seismic Hazard Assessment. Earthquake Spectra, 1998, 14, 189-201.	1.6	27
20	Do more specific plans help you lose weight? Examining the relationship between plan specificity, weight loss goals, and plan content in the context of a weight management programme. British Journal of Health Psychology, 2016, 21, 989-1005.	1.9	26
21	Response Surface Methodology in Biotechnology. Quality Engineering, 2010, 22, 78-87.	0.7	21
22	The influence of laser directed energy deposition (DED) processing parameters for Al5083 studied by central composite design. Journal of Materials Research and Technology, 2022, 17, 3157-3171.	2.6	21
23	Optimal seismic monitoring for event location with application to On Site Inspection of the Comprehensive Nuclear Test Ban Treaty. Metrika, 2003, 58, 31-57.	0.5	19
24	Residue frequencies and pairing preferences at protein–protein interfaces. , 2001, 43, 89.		19
25	Are transient and shear wave elastography useful tools in Gaucher disease?. Blood Cells, Molecules, and Diseases, 2018, 68, 143-147.	0.6	16
26	Frailty Status Modifies the Association Between Air Pollution and Post-Myocardial Infarction Mortality. Journal of the American College of Cardiology, 2014, 63, 1698-1699.	1.2	14
27	Cancer and mortality in relation to traffic-related air pollution among coronary patients: Using an ensemble of exposure estimates to identify high-risk individuals. Environmental Research, 2019, 176, 108560.	3.7	14
28	Excess mortality in Israel associated with COVID-19 in 2020–2021 by age group and with estimates based on daily mortality patterns in 2000–2019. International Journal of Epidemiology, 2022, 51, 727-736.	0.9	14
29	Head trauma is the major risk factor for cerebral sinus-vein thrombosis. Thrombosis Research, 2016, 137, 26-29.	0.8	13
30	Industrial statistics: The challenges and the research. Quality Engineering, 2016, 28, 45-59.	0.7	12
31	Election Polls—A Survey, A Critique, and Proposals. Annual Review of Statistics and Its Application, 2018, 5, 1-24.	4.1	12
32	Lag Time between Onset of First Symptom and Treatment of Retinoblastoma: An International Collaborative Study of 692 Patients from 10 Countries. Cancers, 2021, 13, 1956.	1.7	11
33	The False Discovery Rate for Multiple Testing in Factorial Experiments. Technometrics, 2008, 50, 32-39.	1.3	9
34	Tetrac Delayed the Onset of Ocular Melanoma in an Orthotopic Mouse Model. Frontiers in Endocrinology, 2018, 9, 775.	1.5	9
35	Opposing effects of thyroid hormones on cancer risk: a population-based study. European Journal of Endocrinology, 2021, 184, 477-486.	1.9	9
36	Convex Combination of Gaussian Processes for Bayesian Analysis of Deterministic Computer Experiments. Technometrics, 2014, 56, 443-454.	1.3	8

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37	Ex-PRESS Miniature Glaucoma Shunt Versus Ahmed Glaucoma Valve in the Surgical Treatment of Glaucoma in Pseudophakic Patients. Journal of Glaucoma, 2018, 27, 887-892.	0.8	8
38	Leisure-Time Physical Activity and Cancer Risk Among Older Adults: A Cohort Study. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 115-125.	1.2	8
39	Pre-diagnosis thyroid hormone dysfunction is associated with cancer mortality. Endocrine-Related Cancer, 2021, 28, 705-713.	1.6	8
40	Rotation designs: orthogonal first-order designs with higher order projectivity. Applied Stochastic Models in Business and Industry, 2002, 18, 197-206.	0.9	7
41	The use of optional inferior vena cava filters of type Optease in trauma patients- a single type of filter in a single Medical Center. Thrombosis Research, 2015, 135, 873-876.	0.8	7
42	Preexisting coronary heart disease and susceptibility to long-term effects of traffic-related air pollution: A matched cohort analysis. European Journal of Preventive Cardiology, 2021, 28, 1475-1486.	0.8	7
43	The role of statisticians in the response to COVID-19 in Israel: a holistic point of view. Israel Journal of Health Policy Research, 2022, 11, 22.	1.4	6
44	Effective bubble-based testing for SARS-CoV-2 using swab-pooling. Clinical Microbiology and Infection, 2022, 28, 859-864.	2.8	5
45	Seismic Hazard Assessment: Simultaneous Effect of Earthquakes at Close and Distant Sites. Earthquake Spectra, 2002, 18, 615-629.	1.6	4
46	Construction of Orthogonal Nearly Latin Hypercubes. Quality and Reliability Engineering International, 2015, 31, 1397-1406.	1.4	3
47	Improved non-negative estimation of variance components for exposure assessment. Journal of Exposure Science and Environmental Epidemiology, 2001, 11, 414-421.	1.8	2
48	Technometrics. Technometrics, 2008, 50, 2-7.	1.3	2
49	George Box and the design of experiments: statistics and discovery. Applied Stochastic Models in Business and Industry, 2014, 30, 36-45.	0.9	2
50	Factorial Designs for Online Experiments. Technometrics, 2021, 63, 1-12.	1.3	2
51	Patients with Severe Factor XI Deficiency Have a Reduced Incidence of Venous Thromboembolism.. Blood, 2009, 114, 3491-3491.	0.6	2
52	COVID-19 Vaccination During Pregnancy—Multiple Pregnancies Need More Focus—Reply. JAMA Pediatrics, 2022, 176, 824.	3.3	2
53	QUALITY IMPROVEMENT FROM DISASSEMBLY-REASSEMBLY EXPERIMENTS. Communications in Statistics - Theory and Methods, 2001, 30, 969-985.	0.6	1
54	Comment: Doltâ€"Some Thoughts on How to Do It. Technometrics, 2012, 54, 236-238.	1.3	1

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55	Calreticulin mutation burden â€" Is it a stable clone in patients with essential thrombocythemia and myelofibrosis?. Blood Cells, Molecules, and Diseases, 2015, 55, 281-283.	0.6	1
56	Item response function in antagonistic situations. Applied Stochastic Models in Business and Industry, 2020, 36, 917-931.	0.9	1
57	Thoughts on Data Science in business and industry. Applied Stochastic Models in Business and Industry, 2020, 36, 36-40.	0.9	1
58	Efficient study design to estimate population means with multiple measurement instruments. Statistics in Medicine, 2021, 40, 4327-4340.	0.8	1
59	An impact of lipid profile and lipid lowering drugs on â‰¥70â€‰year olds of an upper socioeconomic class: a retrospective cohort study. Lipids in Health and Disease, 2021, 20, 120.	1.2	1
60	JAK2V617F Is a Risk Factor for TIA/Stroke in Young Patients. Thrombosis and Haemostasis, 2022, , .	1.8	1
61	Association between objective measures and parent-reported measures of child tobacco smoke exposure: A secondary data analysis of four trials. Tobacco Induced Diseases, 2022, 20, 1-13.	0.3	1
62	Design and Implementation of a Multinational Computerized Patient Survey: The European Paediatric Orthopaedic Society Down Syndrome Survey. Scientific World Journal, The, 2004, 4, 256-263.	0.8	0
63	Statistical education for medical studentsâ€"concepts are what remain when the details are forgotten. Statistics in Medicine, 2008, 27, 2268-2269.	0.8	0
64	Discussion (4): Jonesâ€"Johnson Paper. Quality and Reliability Engineering International, 2009, 25, 541-543.	1.4	0
65	Scoring IDC SEL1 events for identifying misformed events. Journal of Seismology, 2013, 17, 1109-1123.	0.6	0
66	Discussion of â€œStatistical Engineering and Variation Reductionâ€. Quality Engineering, 2014, 26, 65-69.	0.7	0
67	Discussion of â€œModeling and monitoring methods for spatial and image dataâ€. Quality Engineering, 2018, 30, 112-114.	0.7	0
68	The effect of civil and military flights on coagulation, fibrinolysis and blood flow: insight from a rat model. Thrombosis Journal, 2020, 18, 24.	0.9	0
69	The Relationship between Circulating Microparticles and Complications of Pregnancy.. Blood, 2006, 108, 4028-4028.	0.6	0
70	Prevalence of Common Thrombophilia and Antiphospholipid Antibodies in Unexplained Infertility Women Undergoing in Vitro Fertilization (IVF). Blood, 2012, 120, 628-628.	0.6	0
71	Statistical Emulation of Neural Simulators: Application to Neocortical L2/3 Large Basket Cells. Frontiers in Big Data, 2022, 5, 789962.	1.8	0