

Edna Schechtman

List of Publications by Year in descending order

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121
papers

4,453
citations

117625

34
h-index

114465

63
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124
all docs

124
docs citations

124
times ranked

4411
citing authors

#	ARTICLE	IF	CITATIONS
1	Dermoscopic and clinical predictors of reflectance confocal microscopy patterns of typical nevi on the back and legs: A cross-sectional study. <i>Journal of the American Academy of Dermatology</i> , 2021, 85, 1240-1247.	1.2	2
2	The relationship between Gini terminology and the ROC curve. <i>Metron</i> , 2019, 77, 171-178.	1.2	9
3	A Gini-based time series analysis and test for reversibility. <i>Statistical Papers</i> , 2019, 60, 687-716.	1.2	6
4	Correlation and the time interval over which the variables are measured – A non-parametric approach. <i>PLoS ONE</i> , 2018, 13, e0206929.	2.5	2
5	Simultaneous decomposition of the variance by sources and subgroups – new insights. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 7479-7494.	1.0	0
6	Evaluating the effect of enforcement on speed distributions using probe vehicle data. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017, 46, 271-283.	3.7	14
7	Parkinson disease (<i>PARK</i>) genes are somatically mutated in cutaneous melanoma. <i>Neurology: Genetics</i> , 2016, 2, e70.	1.9	24
8	Impact of Speed Limit Change on Driving Speed and Road Safety on Interurban Roads: Meta-Analysis. <i>Transportation Research Record</i> , 2016, 2601, 42-49.	1.9	11
9	Quantifying the yellow signal driver behavior based on naturalistic data from digital enforcement cameras. <i>Accident Analysis and Prevention</i> , 2016, 96, 371-381.	5.7	12
10	Driver views on speed and enforcement. <i>Accident Analysis and Prevention</i> , 2016, 89, 9-21.	5.7	14
11	Estimating the Risk for Conversion from Mild Cognitive Impairment to Alzheimer's Disease in an Elderly Arab Community. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 865-871.	2.6	12
12	Yellow Signal Driver Crossing Behavior. , 2015, , .		0
13	Low Integrated DNA Repair Score and Lung Cancer Risk. <i>Cancer Prevention Research</i> , 2014, 7, 398-406.	1.5	26
14	Enzymatic MPG DNA repair assays for two different oxidative DNA lesions reveal associations with increased lung cancer risk. <i>Carcinogenesis</i> , 2014, 35, 2763-2770.	2.8	17
15	Temporal perspective on individual driver behavior using electronic records of undesirable events. <i>Accident Analysis and Prevention</i> , 2014, 70, 55-64.	5.7	20
16	Co-occurrence of transcription and translation gene regulatory features underlies coordinated mRNA and protein synthesis. <i>BMC Genomics</i> , 2014, 15, 688.	2.8	13
17	Suggestions for Further Research. <i>Springer Series in Statistics</i> , 2013, , 499-513.	0.9	0
18	Decompositions of the GMD. <i>Springer Series in Statistics</i> , 2013, , 51-73.	0.9	0

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19	Gini Simple Regressions. Springer Series in Statistics, 2013, , 133-176.	0.9	0
20	Inference on Gini-Based Parameters: Testing. Springer Series in Statistics, 2013, , 217-232.	0.9	0
21	Inference on Lorenz and on Concentration Curves. Springer Series in Statistics, 2013, , 233-245.	0.9	0
22	Social Welfare, Relative Deprivation, and the Gini Coefficient. Springer Series in Statistics, 2013, , 253-273.	0.9	2
23	Applications of Gini Methodology in Regression Analysis. Springer Series in Statistics, 2013, , 409-424.	0.9	6
24	An Application in Statistics: ANOGL. Springer Series in Statistics, 2013, , 481-498.	0.9	1
25	The Gini Methodology. Springer Series in Statistics, 2013, , .	0.9	142
26	Prayer at Midlife is Associated with Reduced Risk of Cognitive Decline in Arabic Women. Current Alzheimer Research, 2013, 10, 340-346.	1.4	33
27	N-Methylpurine DNA Glycosylase and OGG1 DNA Repair Activities: Opposite Associations With Lung Cancer Risk. Journal of the National Cancer Institute, 2012, 104, 1765-1769.	6.3	53
28	The <i>LRRK2</i> G2019S mutation is associated with Parkinson disease and concomitant non-skin cancers. Neurology, 2012, 78, 781-786.	1.1	55
29	Identifying monotonic and non-monotonic relationships. Economics Letters, 2012, 116, 23-25.	1.9	20
30	High Prevalence of Mild Cognitive Impairment and Alzheimer's Disease in Arabic Villages in Northern Israel: Impact of Gender and Education. Journal of Alzheimer's Disease, 2012, 29, 431-439.	2.6	47
31	Gini's multiple regressions: two approaches and their interaction. Metron, 2011, 69, 67-99.	1.2	11
32	An analysis of alcohol breath tests results with portable and desktop breath testers as surrogates of blood alcohol levels. Accident Analysis and Prevention, 2011, 43, 2188-2194.	5.7	14
33	Developing a sampling plan based on Cpk unknown variance. Quality and Reliability Engineering International, 2011, 27, 3-14.	2.3	43
34	Developing a model-based sampling plan. Quality and Reliability Engineering International, 2011, 27, 1183-1198.	2.3	2
35	Mild Cognitive Impairment is Associated with Mild Parkinsonian Signs in a Door-to-Door Study. Journal of Alzheimer's Disease, 2010, 22, 1005-1013.	2.6	16
36	Identifying Monotonic and Non-Monotonic Relationships. SSRN Electronic Journal, 2010, , .	0.4	3

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37	Factor Analysis Revisited – How Many Factors are There?. Communications in Statistics Part B: Simulation and Computation, 2010, 39, 1893-1908.	1.2	10
38	Hypertension Increases the Probability of Alzheimer’s Disease and of Mild Cognitive Impairment in an Arab Community in Northern Israel. Neuroepidemiology, 2010, 34, 99-105.	2.3	50
39	Local injury of the endometrium induces an inflammatory response that promotes successful implantation. Fertility and Sterility, 2010, 94, 2030-2036.	1.0	309
40	Electronic records of undesirable driving events. Transportation Research Part F: Traffic Psychology and Behaviour, 2010, 13, 71-79.	3.7	27
41	The “melting pot” A success story?. Journal of Economic Inequality, 2009, 7, 137-151.	3.5	10
42	Evaluation of automatic guided vehicle systems. Robotics and Computer-Integrated Manufacturing, 2009, 25, 522-528.	9.9	40
43	The acquisition of a linguistic skill by adults: Procedural and declarative memory interact in the learning of an artificial morphological rule. Journal of Neurolinguistics, 2009, 22, 384-412.	1.1	32
44	Ranking Groups' Abilities: Is it Always Reliable?. International Journal of Testing, 2009, 9, 195-214.	0.3	4
45	Vitreous hemorrhage in diabetic eyes previously treated with panretinal photocoagulation. International Ophthalmology, 2008, 28, 29-34.	1.4	16
46	A Method with Flexible and Balanced Control of False Negatives and False Positives for Hit Selection in RNA Interference High-Throughput Screening Assays: A Statistical Terminology. Journal of Biomolecular Screening, 2008, 13, 309-311.	2.6	2
47	Who Does Not Respond in the Household Expenditure Survey. Journal of Business and Economic Statistics, 2008, 26, 329-344.	2.9	29
48	TESTING HYPOTHESES ABOUT ABSOLUTE CONCENTRATION CURVES AND MARGINAL CONDITIONAL STOCHASTIC DOMINANCE. Econometric Theory, 2008, 24, 1044-1062.	0.7	37
49	Visuo-Motor Coordination Deficits and Motor Impairments in Parkinson's Disease. PLoS ONE, 2008, 3, e3663.	2.5	40
50	Analysis of chemotaxis when the fraction of responsive cells is small - application to mammalian sperm guidance. International Journal of Developmental Biology, 2008, 52, 481-487.	0.6	14
51	Education effects on cognitive function in a healthy aged Arab population. International Psychogeriatrics, 2007, 19, 593-603.	1.0	39
52	Detecting a change in a scale parameter – a combination of SPC and change point procedures. International Journal of Production Research, 2007, 45, 5535-5545.	7.5	1
53	Novel molecular targets for risk identification: DNA repair enzyme activities. Cancer Biomarkers, 2007, 3, 129-133.	1.7	5
54	Gini's Multiple Regressions. SSRN Electronic Journal, 2007, , .	0.4	3

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55	Cloprostenol, a prostaglandin F2Î± analog, induces hypoxia in rat placenta: BOLD contrast MRI. NMR in Biomedicine, 2007, 20, 28-39.	2.8	21
56	Mitigating the effect of measurement errors in quantile estimation. Statistics and Probability Letters, 2007, 77, 514-524.	0.7	3
57	The two-sample -test with a known ratio of variances. Statistical Methodology, 2007, 4, 508-514.	0.5	15
58	Development of an enzymatic DNA repair assay for molecular epidemiology studies: Distribution of OGG activity in healthy individuals. DNA Repair, 2007, 6, 45-60.	2.8	99
59	On a Test of the Difference Between Two Binomial Proportions. Communications in Statistics - Theory and Methods, 2007, 36, 887-895.	1.0	2
60	Antivascular Treatment of Solid Melanoma Tumors with Bacteriochlorophyll-serine-based Photodynamic Therapy. Photochemistry and Photobiology, 2007, 73, 257-266.	2.5	4
61	On the similarities between the perception and production of elliptical trajectories. Experimental Brain Research, 2006, 172, 533-555.	1.5	37
62	Association between amantadine and the onset of dementia in Parkinson's disease. Movement Disorders, 2006, 21, 1375-1379.	3.9	66
63	Reduced Repair of the Oxidative 8-Oxoguanine DNA Damage and Risk of Head and Neck Cancer. Cancer Research, 2006, 66, 11683-11689.	0.9	92
64	Using Analysis of Gini (ANOGI) for Detecting Whether Two Subsamples Represent the Same Universe. Sociological Methods and Research, 2006, 34, 427-468.	6.8	95
65	Repair of the oxidative DNA damage 8-oxoguanine as a biomarker for lung cancer risk. Cancer Biomarkers, 2005, 1, 201-205.	1.7	26
66	Association between family history of dementia and hallucinations in Parkinson disease. Neurology, 2005, 64, 1712-1715.	1.1	36
67	Drug identification performance on the basis of observable signs and symptoms. Accident Analysis and Prevention, 2005, 37, 843-851.	5.7	20
68	Modeling drug detection and diagnosis with the "drug evaluation and classification program"™. Accident Analysis and Prevention, 2005, 37, 852-861.	5.7	9
69	Magnetic resonance imaging reveals functional diversity of the vasculature in benign and malignant breast lesions. Cancer, 2005, 104, 708-718.	4.1	89
70	The effect of Center High Mounted Stop Lamp (CHMSL) on rear-end accidents in Israel. Accident Analysis and Prevention, 2005, 37, 531-536.	5.7	7
71	The Properties of the Extended Gini Measures of Variability and Inequality. SSRN Electronic Journal, 2005, , .	0.4	18
72	Calculating the Extended Gini Coefficient from Grouped Data - a Covariance Presentation. SSRN Electronic Journal, 2005, , .	0.4	2

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73	Stratification: Measuring and Inference. <i>Communications in Statistics - Theory and Methods</i> , 2005, 34, 2133-2145.	1.0	11
74	Dynamic transperineal ultrasound vs. defecography in patients with evacuatory difficulty: a pilot study. <i>International Journal of Colorectal Disease</i> , 2004, 19, 60-67.	2.2	133
75	Jackknifing two-sample statistics. <i>Journal of Statistical Planning and Inference</i> , 2004, 119, 329-340.	0.6	33
76	Local injury to the endometrium doubles the incidence of successful pregnancies in patients undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2003, 79, 1317-1322.	1.0	413
77	DNA Repair Activity for Oxidative Damage and Risk of Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2003, 95, 1312-1319.	6.3	240
78	Cabergoline, Pramipexole and Ropinirole Used as Monotherapy in Early Parkinson's Disease. <i>Drugs and Aging</i> , 2003, 20, 847-855.	2.7	43
79	Headway Feedback Improves Intervehicular Distance: A Field Study. <i>Human Factors</i> , 2002, 44, 474-481.	3.5	48
80	Practice parameter: Initiation of treatment for Parkinson's disease: An evidence-based review. <i>Neurology</i> , 2002, 59, 1292-1292.	1.1	11
81	Microscope-induced retinal phototoxicity in cataract surgery of short duration. <i>Ophthalmology</i> , 2002, 109, 334-338.	5.2	45
82	A Nonlinear Approach to Linear Calibration Intervals. <i>Journal of Quality Technology</i> , 2002, 34, 71-79.	2.5	8
83	Pneumatic Retinopexy. <i>JAMA Ophthalmology</i> , 2002, 120, 1455.	2.4	19
84	Onset age of Parkinson disease. <i>American Journal of Medical Genetics Part A</i> , 2002, 111, 459-460.	2.4	15
85	Odds Ratio, Relative Risk, Absolute Risk Reduction, and the Number Needed to Treat—Which of These Should We Use?. <i>Value in Health</i> , 2002, 5, 431-436.	0.3	166
86	On characterization of two-sample U-statistics. <i>Statistics and Probability Letters</i> , 2002, 58, 53-59.	0.7	1
87	Comparison of Trabeculectomy With Mitomycin C With or Without Phacoemulsification and Lens Implantation. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2002, 33, 102-108.	0.7	49
88	Head stabilization in herons. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001, 187, 423-432.	1.6	23
89	Self-reports of safe driving behaviors in relationship to sex, age, education and income in the US adult driving population. <i>Accident Analysis and Prevention</i> , 2001, 33, 111-116.	5.7	187
90	Antivascular Treatment of Solid Melanoma Tumors with Bacteriochlorophyll a—serine-based Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2001, 73, 257.	2.5	89

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91	Mental and Motor Switching in Parkinson's Disease. <i>Journal of Motor Behavior</i> , 2001, 33, 377-385.	0.9	29
92	A Comparison of Dopamine Agonists and Catechol-O-Methyltransferase Inhibitors in Parkinson's Disease. <i>Clinical Neuropharmacology</i> , 2000, 23, 262-266.	0.7	20
93	The relationship between pre-treatment attitudes and recovery: The cardiac catheterization example. <i>Psychology, Health and Medicine</i> , 1999, 4, 377-385.	2.4	3
94	Trends in safe driving behaviors and in relation to trends in health maintenance behaviors in the USA: 1985-1995. <i>Accident Analysis and Prevention</i> , 1999, 31, 497-503.	5.7	22
95	Cattle egrets are less able to cope with light refraction than are other herons. <i>Animal Behaviour</i> , 1999, 57, 687-694.	1.9	14
96	The relationship between drinking habits and safe driving behaviors. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 1999, 2, 15-26.	3.7	20
97	On the proper bounds of the Gini correlation. <i>Economics Letters</i> , 1999, 63, 133-138.	1.9	68
98	Interval estimate for the x-intercept of a straight line: a nonlinear approach. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1998, 27, 1093-1115.	1.2	1
99	Motor switching abilities in Parkinson's disease and old age: temporal aspects. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1998, 65, 328-337.	1.9	24
100	Double-blind comparison of cabergoline and bromocriptine in Parkinson's disease patients with motor fluctuations. <i>Neurology</i> , 1996, 47, 785-788.	1.1	78
101	Kinematic properties of upper limb trajectories in idiopathic torsion dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995, 58, 312-319.	1.9	57
102	A test for second order stochastic dominance. <i>Communications in Statistics - Theory and Methods</i> , 1993, 22, 1893-1905.	1.0	17
103	Kinematic analysis of upper limb trajectories in Parkinson's disease. <i>Experimental Neurology</i> , 1992, 118, 215-226.	4.1	124
104	Capture of submerged prey by little egrets, <i>Egretta garzetta garzetta</i> : strike depth, strike angle and the problem of light refraction. <i>Animal Behaviour</i> , 1991, 42, 341-346.	1.9	57
105	On Estimating the Asymptotic Variance of a Function of Statistics. <i>American Statistician</i> , 1991, 45, 103-106.	1.6	13
106	The effect of photoperiod and prey density on long-term survival of larvae—a data analytic approach where no parametric model is assumed and individual follow-up is not available. <i>Applied Stochastic Models and Data Analysis</i> , 1990, 6, 27-40.	0.4	1
107	Detecting a Change in the Correlation Coefficient in a Sequence of Bivariate Normal Variables. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1989, 18, 589-599.	1.2	2
108	Distribution-Free Tests for the Changepoint Problem. <i>American Journal of Mathematical and Management Sciences</i> , 1988, 8, 93-119.	0.9	1

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109	Conditional bootstrap methods in the mean-shift model. <i>Biometrika</i> , 1987, 74, 85-93.	2.4	76
110	Estimating the parameters in regression with uniformly distributed errors. <i>Journal of Statistical Computation and Simulation</i> , 1986, 26, 269-281.	1.2	5
111	Efficient Bootstrap Simulation. <i>Biometrika</i> , 1986, 73, 555.	2.4	153
112	Multiple changepoints problem-nonparametric procedures for estimation of the points of change. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1985, 14, 615-631.	1.2	8
113	Nonparametric statistical procedures for the changepoint problem. <i>Journal of Statistical Planning and Inference</i> , 1984, 9, 389-396.	0.6	89
114	Futures market efficiency and the time content of the information sets. <i>Journal of Futures Markets</i> , 1983, 3, 321-334.	1.8	50
115	A conservative nonparametric distribution-free confidence bound for the shift in the changepoint problem. <i>Communications in Statistics - Theory and Methods</i> , 1983, 12, 2455-2464.	1.0	4
116	Inference in two-phase regression: A simulation study with nonnormal observations. <i>Journal of Statistical Computation and Simulation</i> , 1983, 17, 223-229.	1.2	0
117	A nonparametric test for detecting changes in location. <i>Communications in Statistics - Theory and Methods</i> , 1982, 11, 1475-1482.	1.0	19
118	A Gini-Based Methodology for Analyzing Time Series. <i>SSRN Electronic Journal</i> , 0, , .	0.4	9
119	The Gini Instrumental Variable, or 'The Double IV Estimator'. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
120	Tracing the Curvature of a Regression Curve. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
121	Gini's Multiple Regressions: Two Approaches and Their Interaction. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2