

# Edna Schechtman

## List of Publications by Year in descending order

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Version: 2024-02-01

121  
papers

4,453  
citations

117625

34  
h-index

114465

63  
g-index

124  
all docs

124  
docs citations

124  
times ranked

4411  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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       |
| 2  | Local injury of the endometrium induces an inflammatory response that promotes successful implantation. <i>Fertility and Sterility</i> , 2010, 94, 2030-2036.                             | 1.0 | 309       |
| 3  | 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       |
| 4  | 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       |
| 5  | 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       |
| 6  | Efficient Bootstrap Simulation. <i>Biometrika</i> , 1986, 73, 555.  | 2.4 | 153       |
| 7  | The Gini Methodology. <i>Springer Series in Statistics</i> , 2013, , .  | 0.9 | 142       |
| 8  | 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       |
| 9  | Kinematic analysis of upper limb trajectories in Parkinson's disease. <i>Experimental Neurology</i> , 1992, 118, 215-226.   | 4.1 | 124       |
| 10 | Development of an enzymatic DNA repair assay for molecular epidemiology studies: Distribution of OGG activity in healthy individuals. <i>DNA Repair</i> , 2007, 6, 45-60.                 | 2.8 | 99        |
| 11 | Using Analysis of Gini (ANOGI) for Detecting Whether Two Subsamples Represent the Same Universe. <i>Sociological Methods and Research</i> , 2006, 34, 427-468.                            | 6.8 | 95        |
| 12 | Reduced Repair of the Oxidative 8-Oxoguanine DNA Damage and Risk of Head and Neck Cancer. <i>Cancer Research</i> , 2006, 66, 11683-11689.   | 0.9 | 92        |
| 13 | Nonparametric statistical procedures for the changepoint problem. <i>Journal of Statistical Planning and Inference</i> , 1984, 9, 389-396.  | 0.6 | 89        |
| 14 | Antivascular Treatment of Solid Melanoma Tumors with Bacteriochlorophyll—serine-based Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2001, 73, 257.                       | 2.5 | 89        |
| 15 | Magnetic resonance imaging reveals functional diversity of the vasculature in benign and malignant breast lesions. <i>Cancer</i> , 2005, 104, 708-718.                                    | 4.1 | 89        |
| 16 | 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        |
| 17 | Conditional bootstrap methods in the mean-shift model. <i>Biometrika</i> , 1987, 74, 85-93.   | 2.4 | 76        |
| 18 | On the proper bounds of the Gini correlation. <i>Economics Letters</i> , 1999, 63, 133-138.   | 1.9 | 68        |

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|----|--|-----|-----------|
| 19 | Association between amantadine and the onset of dementia in Parkinson's disease. <i>Movement Disorders</i> , 2006, 21, 1375-1379.  | 3.9 | 66        |
| 20 | 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        |
| 21 | 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        |
| 22 | The <i>LRRK2</i> G2019S mutation is associated with Parkinson disease and concomitant non-skin cancers. <i>Neurology</i> , 2012, 78, 781-786.  | 1.1 | 55        |
| 23 | N-Methylpurine DNA Glycosylase and OGG1 DNA Repair Activities: Opposite Associations With Lung Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2012, 104, 1765-1769.                    | 6.3 | 53        |
| 24 | Futures market efficiency and the time content of the information sets. <i>Journal of Futures Markets</i> , 1983, 3, 321-334.  | 1.8 | 50        |
| 25 | Hypertension Increases the Probability of Alzheimer's Disease and of Mild Cognitive Impairment in an Arab Community in Northern Israel. <i>Neuroepidemiology</i> , 2010, 34, 99-105.                   | 2.3 | 50        |
| 26 | 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        |
| 27 | Headway Feedback Improves Intervehicular Distance: A Field Study. <i>Human Factors</i> , 2002, 44, 474-481.  | 3.5 | 48        |
| 28 | High Prevalence of Mild Cognitive Impairment and Alzheimer's Disease in Arabic Villages in Northern Israel: Impact of Gender and Education. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 431-439. | 2.6 | 47        |
| 29 | Microscope-induced retinal phototoxicity in cataract surgery of short duration. <i>Ophthalmology</i> , 2002, 109, 334-338.   | 5.2 | 45        |
| 30 | Cabergoline, Pramipexole and Ropinirole Used as Monotherapy in Early Parkinson's Disease. <i>Drugs and Aging</i> , 2003, 20, 847-855.  | 2.7 | 43        |
| 31 | Developing a sampling plan based on "unknown variance. <i>Quality and Reliability Engineering International</i> , 2011, 27, 3-14.  | 2.3 | 43        |
| 32 | Evaluation of automatic guided vehicle systems. <i>Robotics and Computer-Integrated Manufacturing</i> , 2009, 25, 522-528.   | 9.9 | 40        |
| 33 | Visuo-Motor Coordination Deficits and Motor Impairments in Parkinson's Disease. <i>PLoS ONE</i> , 2008, 3, e3663.  | 2.5 | 40        |
| 34 | Education effects on cognitive function in a healthy aged Arab population. <i>International Psychogeriatrics</i> , 2007, 19, 593-603.  | 1.0 | 39        |
| 35 | On the similarities between the perception and production of elliptical trajectories. <i>Experimental Brain Research</i> , 2006, 172, 533-555.   | 1.5 | 37        |
| 36 | TESTING HYPOTHESES ABOUT ABSOLUTE CONCENTRATION CURVES AND MARGINAL CONDITIONAL STOCHASTIC DOMINANCE. <i>Econometric Theory</i> , 2008, 24, 1044-1062.   | 0.7 | 37        |

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|----|--|-----|-----------|
| 37 | Association between family history of dementia and hallucinations in Parkinson disease. <i>Neurology</i> , 2005, 64, 1712-1715.  | 1.1 | 36        |
| 38 | Jackknifing two-sample statistics. <i>Journal of Statistical Planning and Inference</i> , 2004, 119, 329-340.  | 0.6 | 33        |
| 39 | Prayer at Midlife is Associated with Reduced Risk of Cognitive Decline in Arabic Women. <i>Current Alzheimer Research</i> , 2013, 10, 340-346.   | 1.4 | 33        |
| 40 | The acquisition of a linguistic skill by adults: Procedural and declarative memory interact in the learning of an artificial morphological rule. <i>Journal of Neurolinguistics</i> , 2009, 22, 384-412. | 1.1 | 32        |
| 41 | Mental and Motor Switching in Parkinson's Disease. <i>Journal of Motor Behavior</i> , 2001, 33, 377-385.   | 0.9 | 29        |
| 42 | Who Does Not Respond in the Household Expenditure Survey. <i>Journal of Business and Economic Statistics</i> , 2008, 26, 329-344.  | 2.9 | 29        |
| 43 | Electronic records of undesirable driving events. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2010, 13, 71-79.   | 3.7 | 27        |
| 44 | Repair of the oxidative DNA damage 8-oxoguanine as a biomarker for lung cancer risk. <i>Cancer Biomarkers</i> , 2005, 1, 201-205.  | 1.7 | 26        |
| 45 | Low Integrated DNA Repair Score and Lung Cancer Risk. <i>Cancer Prevention Research</i> , 2014, 7, 398-406.  | 1.5 | 26        |
| 46 | 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        |
| 47 | Parkinson disease ( <i>PARK</i> ) genes are somatically mutated in cutaneous melanoma. <i>Neurology: Genetics</i> , 2016, 2, e70.  | 1.9 | 24        |
| 48 | Head stabilization in herons. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001, 187, 423-432.  | 1.6 | 23        |
| 49 | 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        |
| 50 | Cloprostenol, a prostaglandin F <sub>2</sub> ± analog, induces hypoxia in rat placenta: BOLD contrast MRI. <i>NMR in Biomedicine</i> , 2007, 20, 28-39.  | 2.8 | 21        |
| 51 | 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        |
| 52 | 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        |
| 53 | Drug identification performance on the basis of observable signs and symptoms. <i>Accident Analysis and Prevention</i> , 2005, 37, 843-851.  | 5.7 | 20        |
| 54 | Identifying monotonic and non-monotonic relationships. <i>Economics Letters</i> , 2012, 116, 23-25.  | 1.9 | 20        |

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|----|---|-----|-----------|
| 55 | 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        |
| 56 | A nonparametric test for detecting changes in location. <i>Communications in Statistics - Theory and Methods</i> , 1982, 11, 1475-1482.   | 1.0 | 19        |
| 57 | Pneumatic Retinopexy. <i>JAMA Ophthalmology</i> , 2002, 120, 1455.  | 2.4 | 19        |
| 58 | The Properties of the Extended Gini Measures of Variability and Inequality. <i>SSRN Electronic Journal</i> , 2005, , .  | 0.4 | 18        |
| 59 | A test for second order stochastic dominance. <i>Communications in Statistics - Theory and Methods</i> , 1993, 22, 1893-1905.   | 1.0 | 17        |
| 60 | 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        |
| 61 | Vitreous hemorrhage in diabetic eyes previously treated with panretinal photocoagulation. <i>International Ophthalmology</i> , 2008, 28, 29-34.   | 1.4 | 16        |
| 62 | Mild Cognitive Impairment is Associated with Mild Parkinsonian Signs in a Door-to-Door Study. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 1005-1013.                                  | 2.6 | 16        |
| 63 | Onset age of Parkinson disease. <i>American Journal of Medical Genetics Part A</i> , 2002, 111, 459-460.  | 2.4 | 15        |
| 64 | The two-sample $t$ -test with a known ratio of variances. <i>Statistical Methodology</i> , 2007, 4, 508-514.  | 0.5 | 15        |
| 65 | 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        |
| 66 | An analysis of alcohol breath tests results with portable and desktop breath testers as surrogates of blood alcohol levels. <i>Accident Analysis and Prevention</i> , 2011, 43, 2188-2194.  | 5.7 | 14        |
| 67 | Driver views on speed and enforcement. <i>Accident Analysis and Prevention</i> , 2016, 89, 9-21.  | 5.7 | 14        |
| 68 | 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        |
| 69 | Analysis of chemotaxis when the fraction of responsive cells is small - application to mammalian sperm guidance. <i>International Journal of Developmental Biology</i> , 2008, 52, 481-487. | 0.6 | 14        |
| 70 | On Estimating the Asymptotic Variance of a Function of $U$ Statistics. <i>American Statistician</i> , 1991, 45, 103-106.  | 1.6 | 13        |
| 71 | 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        |
| 72 | 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        |

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|----|--|-----|-----------|
| 73 | 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        |
| 74 | Practice parameter: Initiation of treatment for Parkinson's disease: An evidence-based review. <i>Neurology</i> , 2002, 59, 1292-1292.   | 1.1 | 11        |
| 75 | Stratification: Measuring and Inference. <i>Communications in Statistics - Theory and Methods</i> , 2005, 34, 2133-2145.   | 1.0 | 11        |
| 76 | Gini's multiple regressions: two approaches and their interaction. <i>Metron</i> , 2011, 69, 67-99.  | 1.2 | 11        |
| 77 | 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        |
| 78 | The "melting pot" A success story?. <i>Journal of Economic Inequality</i> , 2009, 7, 137-151.  | 3.5 | 10        |
| 79 | Factor Analysis Revisited " How Many Factors are There?. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2010, 39, 1893-1908.                                     | 1.2 | 10        |
| 80 | Modeling drug detection and diagnosis with the "drug evaluation and classification program". <i>Accident Analysis and Prevention</i> , 2005, 37, 852-861.                                  | 5.7 | 9         |
| 81 | The relationship between Gini terminology and the ROC curve. <i>Metron</i> , 2019, 77, 171-178.  | 1.2 | 9         |
| 82 | A Gini-Based Methodology for Analyzing Time Series. <i>SSRN Electronic Journal</i> , 0, , .  | 0.4 | 9         |
| 83 | 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         |
| 84 | A Nonlinear Approach to Linear Calibration Intervals. <i>Journal of Quality Technology</i> , 2002, 34, 71-79.  | 2.5 | 8         |
| 85 | The effect of Center High Mounted Stop Lamp (CHMSL) on rear-end accidents in Israel. <i>Accident Analysis and Prevention</i> , 2005, 37, 531-536.  | 5.7 | 7         |
| 86 | Applications of Gini Methodology in Regression Analysis. <i>Springer Series in Statistics</i> , 2013, , 409-424.   | 0.9 | 6         |
| 87 | A Gini-based time series analysis and test for reversibility. <i>Statistical Papers</i> , 2019, 60, 687-716.   | 1.2 | 6         |
| 88 | Estimating the parameters in regression with uniformly distributed errors. <i>Journal of Statistical Computation and Simulation</i> , 1986, 26, 269-281.                                   | 1.2 | 5         |
| 89 | Novel molecular targets for risk identification: DNA repair enzyme activities. <i>Cancer Biomarkers</i> , 2007, 3, 129-133.  | 1.7 | 5         |
| 90 | 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         |

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| 91  | Antivascular Treatment of Solid Melanoma Tumors with Bacteriochlorophyll-serine-based Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2007, 73, 257-266.   | 2.5 | 4         |
| 92  | Ranking Groups' Abilities: Is it Always Reliable?. <i>International Journal of Testing</i> , 2009, 9, 195-214.  | 0.3 | 4         |
| 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  | Gini's Multiple Regressions. <i>SSRN Electronic Journal</i> , 2007, , .   | 0.4 | 3         |
| 95  | Mitigating the effect of measurement errors in quantile estimation. <i>Statistics and Probability Letters</i> , 2007, 77, 514-524.  | 0.7 | 3         |
| 96  | Identifying Monotonic and Non-Monotonic Relationships. <i>SSRN Electronic Journal</i> , 2010, , .   | 0.4 | 3         |
| 97  | 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         |
| 98  | Calculating the Extended Gini Coefficient from Grouped Data - a Covariance Presentation. <i>SSRN Electronic Journal</i> , 2005, , .   | 0.4 | 2         |
| 99  | On a Test of the Difference Between Two Binomial Proportions. <i>Communications in Statistics - Theory and Methods</i> , 2007, 36, 887-895.   | 1.0 | 2         |
| 100 | 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. <i>Journal of Biomolecular Screening</i> , 2008, 13, 309-311.       | 2.6 | 2         |
| 101 | Developing a model-based sampling plan. <i>Quality and Reliability Engineering International</i> , 2011, 27, 1183-1198.   | 2.3 | 2         |
| 102 | Social Welfare, Relative Deprivation, and the Gini Coefficient. <i>Springer Series in Statistics</i> , 2013, , 253-273.   | 0.9 | 2         |
| 103 | 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         |
| 104 | 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         |
| 105 | Gini's Multiple Regressions: Two Approaches and Their Interaction. <i>SSRN Electronic Journal</i> , 0, , .  | 0.4 | 2         |
| 106 | Distribution-Free Tests for the Changepoint Problem. <i>American Journal of Mathematical and Management Sciences</i> , 1988, 8, 93-119.   | 0.9 | 1         |
| 107 | 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         |
| 108 | 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         |

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| 109 | On characterization of two-sample U-statistics. <i>Statistics and Probability Letters</i> , 2002, 58, 53-59.   | 0.7 | 1         |
| 110 | Detecting a change in a scale parameter—a combination of SPC and change point procedures. <i>International Journal of Production Research</i> , 2007, 45, 5535-5545. | 7.5 | 1         |
| 111 | An Application in Statistics: ANOGL. <i>Springer Series in Statistics</i> , 2013, , 481-498.   | 0.9 | 1         |
| 112 | The Gini Instrumental Variable, or 'The Double IV Estimator'. <i>SSRN Electronic Journal</i> , 0, , .  | 0.4 | 1         |
| 113 | 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         |
| 114 | Suggestions for Further Research. <i>Springer Series in Statistics</i> , 2013, , 499-513.  | 0.9 | 0         |
| 115 | Decompositions of the GMD. <i>Springer Series in Statistics</i> , 2013, , 51-73.   | 0.9 | 0         |
| 116 | Gini Simple Regressions. <i>Springer Series in Statistics</i> , 2013, , 133-176.   | 0.9 | 0         |
| 117 | Inference on Gini-Based Parameters: Testing. <i>Springer Series in Statistics</i> , 2013, , 217-232.   | 0.9 | 0         |
| 118 | Inference on Lorenz and on Concentration Curves. <i>Springer Series in Statistics</i> , 2013, , 233-245.   | 0.9 | 0         |
| 119 | Yellow Signal Driver Crossing Behavior. , 2015, , .  |     | 0         |
| 120 | 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         |
| 121 | Tracing the Curvature of a Regression Curve. <i>SSRN Electronic Journal</i> , 0, , .   | 0.4 | 0         |