Chris Gennings

List of Publications by Year in descending order

177	6,440	70961	91712
papers	citations	41	69
		h-index	g-index

179	179	179	6585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prenatal metal mixture concentrations and reward motivation in children. NeuroToxicology, 2022, 88, 124-133.	1.4	7
2	Association between prenatal metal exposure and adverse respiratory symptoms in childhood. Environmental Research, 2022, 205, 112448.	3.7	7
3	Powering Research through Innovative Methods for Mixtures in Epidemiology (PRIME) Program: Novel and Expanded Statistical Methods. International Journal of Environmental Research and Public Health, 2022, 19, 1378.	1.2	32
4	Environmental exposures to pesticides, phthalates, phenols and trace elements are associated with neurodevelopment in the CHARGE study. Environment International, 2022, 161, 107075.	4.8	23
5	Using Metrics of a Mixture Effect and Nutrition from an Observational Study for Consideration towards Causal Inference. International Journal of Environmental Research and Public Health, 2022, 19, 2273.	1.2	7
6	From cohorts to molecules: Adverse impacts of endocrine disrupting mixtures. Science, 2022, 375, eabe8244.	6.0	129
7	My nutrition index: a method for measuring optimal daily nutrient intake. BMC Nutrition, 2022, 8, 16.	0.6	4
8	Selecting External Controls for Internal Cases Using Stratification Score Matching Methods. International Journal of Environmental Research and Public Health, 2022, 19, 2549.	1.2	1
9	NICU-based stress response and preterm infant neurobehavior: exploring the critical windows for exposure. Pediatric Research, 2022, 92, 1470-1478.	1.1	6
10	A Mixture of Endocrine Disrupting Chemicals Associated with Lower Birth Weight in Children Induces Adipogenesis and DNA Methylation Changes in Human Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2022, 23, 2320.	1.8	7
11	A random subset implementation of weighted quantile sum (WQS_{RS}) regression for analysis of high-dimensional mixtures. Communications in Statistics Part B: Simulation and Computation, 2021, 50, 1119-1134.	0.6	36
12	Integrated measures of lead and manganese exposure improve estimation of their joint effects on cognition in Italian school-age children. Environment International, 2021, 146, 106312.	4.8	29
13	Evaluating inter-study variability in phthalate and trace element analyses within the Children's Health Exposure Analysis Resource (CHEAR) using multivariate control charts. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 318-327.	1.8	5
14	Comment on "A Quantile-Based g-Computation Approach to Addressing the Effects of Exposure Mixtures". Environmental Health Perspectives, 2021, 129, 38001.	2.8	9
15	Exosomal miRNAs in urine associated with children's cardiorenal parameters: a cross-sectional study. Epigenomics, 2021, 13, 499-512.	1.0	3
16	Prenatal metal mixtures and sex-specific infant negative affectivity. Environmental Epidemiology, 2021, 5, e147.	1.4	16
17	Prenatal exposure to bisphenols and cognitive function in children at 7 years of age in the Swedish SELMA study. Environment International, 2021, 150, 106433.	4.8	27
18	Prenatal exposures to mixtures of endocrine disrupting chemicals and children's weight trajectory up to age 5.5 in the SELMA study. Scientific Reports, 2021, 11, 11036.	1.6	28

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19	Assessing the Effects of Metal Mixtures in Urine and Blood on Kidney Function. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
20	Phthalate metabolite exposure during pregnancy and risk of preeclampsia in an ethnically diverse nulliparous pregnancy cohort in the United States. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
21	Prenatal PM2.5 and subcortical volumes in children with neurodevelopmental disorders. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
22	Phthalate Exposure Across Pregnancy: Can We Use a Single Measure to Stand in for Exposure?. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
23	Lagged Weighted Quantile Sum Regression. ISEE Conference Abstracts, 2021, 2021, .	0.0	5
24	Environmental Mixture Methods: Recommendations to Promote Robust Results in the Presence of Random Sampling. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
25	Association between prenatal metal exposure and respiratory symptoms in childhood. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
26	Nephrotoxic Metal Mixtures and Preadolescent Kidney Function. Children, 2021, 8, 673.	0.6	5
27	Human Microbiome Mixture Analysis using Weighted Quantile Sum Regression. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
28	Prenatal blood lead levels and reduced preadolescent glomerular filtration rate: Modification by body mass index. Environment International, 2021, 154, 106414.	4.8	10
29	Reflection on modern methods: good practices for applied statistical learning in epidemiology. International Journal of Epidemiology, 2021, 50, 685-693.	0.9	6
30	Sources of clinically significant neonatal intensive care unit phthalate exposure. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 137-148.	1.8	36
31	Quantitative methods for metabolomic analyses evaluated in the Children's Health Exposure Analysis Resource (CHEAR). Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 16-27.	1.8	10
32	Early prenatal exposure to suspected endocrine disruptor mixtures is associated with lower IQ at age seven. Environment International, 2020, 134, 105185.	4.8	120
33	Dynamic growth metrics for examining prenatal exposure impacts on child growth trajectories: Application to perfluorooctanoic acid (PFOA) and postnatal weight gain. Environmental Research, 2020, 182, 109044.	3.7	10
34	Exposure to environmental chemical mixtures is associated with nasal colonization by Staphylococcus aureus: NHANES 2001â€"2004. Environmental Research, 2020, 190, 109994.	3.7	5
35	Per- and poly-fluoroalkyl substances and bone mineral density. Environmental Epidemiology, 2020, 4, e092.	1.4	32
36	Prenatal toxic metal mixture exposure and newborn telomere length: Modification by maternal antioxidant intake. Environmental Research, 2020, 190, 110009.	3.7	34

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37	Contrasting prenatal nutrition and environmental exposures in association with birth weight and cognitive function in children at 7 years. BMJ Nutrition, Prevention and Health, 2020, 3, 162-171.	1.9	7
38	Lagged WQS regression for mixtures with many components. Environmental Research, 2020, 186, 109529.	3.7	28
39	Long term transcriptional and behavioral effects in mice developmentally exposed to a mixture of endocrine disruptors associated with delayed human neurodevelopment. Scientific Reports, 2020, 10, 9367.	1.6	25
40	Persistent organic pollutants, pre-pregnancy use of combined oral contraceptives, age, and time-to-pregnancy in the SELMA cohort. Environmental Health, 2020, 19, 67.	1.7	15
41	The ENDpoiNTs Project: Novel Testing Strategies for Endocrine Disruptors Linked to Developmental Neurotoxicity. International Journal of Molecular Sciences, 2020, 21, 3978.	1.8	24
42	Multi-media biomarkers: Integrating information to improve lead exposure assessment. Environmental Research, 2020, 183, 109148.	3.7	18
43	The association of prenatal exposure to intensive traffic with early preterm infant neurobehavioral development as reflected by the NICU Network Neurobehavioral Scale (NNNS). Environmental Research, 2020, 183, 109204.	3.7	16
44	Prenatal exposure to per- and polyfluoroalkyl substances and maternal and neonatal thyroid function in the Project Viva Cohort: A mixtures approach. Environment International, 2020, 139, 105728.	4.8	94
45	Dysregulated biodynamics in metabolic attractor systems precede the emergence of amyotrophic lateral sclerosis. PLoS Computational Biology, 2020, 16, e1007773.	1.5	10
46	Early life metal dysregulation in amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2020, 7, 872-882.	1.7	29
47	Prenatal Exposure to PM2.5 and Cardiac Vagal Tone during Infancy: Findings from a Multiethnic Birth Cohort. Environmental Health Perspectives, 2019, 127, 107007.	2.8	10
48	An overview of methods to address distinct research questions on environmental mixtures: an application to persistent organic pollutants and leukocyte telomere length. Environmental Health, 2019, 18, 76.	1.7	70
49	Prenatal phenol and paraben exposures in relation to child neurodevelopment including autism spectrum disorders in the MARBLES study. Environmental Research, 2019, 179, 108719.	3.7	28
50	Dynamical properties of elemental metabolism distinguish attention deficit hyperactivity disorder from autism spectrum disorder. Translational Psychiatry, 2019, 9, 238.	2.4	17
51	A Novel Approach to Chemical Mixture Risk Assessment—Linking Data from Population‐Based Epidemiology and Experimental Animal Tests. Risk Analysis, 2019, 39, 2259-2271.	1.5	27
52	Gestational exposure to an epidemiologically defined mixture of phthalates leads to gonadal dysfunction in mouse offspring of both sexes. Scientific Reports, 2019, 9, 6424.	1.6	35
53	In utero metal exposures measured in deciduous teeth and birth outcomes in a racially-diverse urban cohort. Environmental Research, 2019, 171, 444-451.	3.7	17
54	Repeated holdout validation for weighted quantile sum regression. MethodsX, 2019, 6, 2855-2860.	0.7	110

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55	Length of gestation and birth weight are associated with indices of combined kidney biomarkers in early childhood. PLoS ONE, 2019, 14, e0227219.	1.1	0
56	Time-varying associations between prenatal metal mixtures and rapid visual processing in children. Environmental Health, 2019, 18, 92.	1.7	31
57	Fluoride exposure and sleep patterns among older adolescents in the United States: a cross-sectional study of NHANES 2015â€"2016. Environmental Health, 2019, 18, 106.	1.7	20
58	Assessing the contributions of metals in environmental media to exposure biomarkers in a region of ferroalloy industry. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 674-687.	1.8	44
59	<scp>PVC</scp> flooring at home and uptake of phthalates in pregnant women. Indoor Air, 2019, 29, 43-54.	2.0	25
60	Cohort profile: the Neonatal Intensive Care Unit Hospital Exposures and Long-Term Health (NICU-HEALTH) cohort, a prospective preterm birth cohort in New York City. BMJ Open, 2019, 9, e032758.	0.8	5
61	Temporal trends of phthalate exposures during 2007â€"2010 in Swedish pregnant women. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 437-447.	1.8	53
62	Uncovering neurodevelopmental windows of susceptibility to manganese exposure using dentine microspatial analyses. Environmental Research, 2018, 161, 588-598.	3.7	41
63	Prenatal Stress, Methylation in Inflammation-Related Genes, and Adiposity Measures in Early Childhood: the Programming Research in Obesity, Growth Environment and Social Stress Cohort Study. Psychosomatic Medicine, 2018, 80, 34-41.	1.3	35
64	Bayesian varying coefficient kernel machine regression to assess neurodevelopmental trajectories associated with exposure to complex mixtures. Statistics in Medicine, 2018, 37, 4680-4694.	0.8	37
65	Dentine biomarkers of prenatal and early childhood exposure to manganese, zinc and lead and childhood behavior. Environment International, 2018, 121, 148-158.	4.8	73
66	Incorporating regulatory guideline values in analysis of epidemiology data. Environment International, 2018, 120, 535-543.	4.8	8
67	Lagged kernel machine regression for identifying time windows of susceptibility to exposures of complex mixtures. Biostatistics, 2018, 19, 325-341.	0.9	40
68	Dynamical features in fetal and postnatal zinc-copper metabolic cycles predict the emergence of autism spectrum disorder. Science Advances, 2018, 4, eaat1293.	4.7	67
69	How similar is similar enough? A sufficient similarity case study with Ginkgo biloba extract. Food and Chemical Toxicology, 2018, 118, 328-339.	1.8	32
70	Quality of Prenatal and Childhood Diet Predicts Neurodevelopmental Outcomes among Children in Mexico City. Nutrients, 2018, 10, 1093.	1.7	20
71	Prenatal lead exposure modifies the effect of shorter gestation on increased blood pressure in children. Environment International, 2018, 120, 464-471.	4.8	30
72	Intrauterine multi-metal exposure is associated with reduced fetal growth through modulation of the placental gene network. Environment International, 2018, 120, 373-381.	4.8	46

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73	Modeling the health effects of time-varying complex environmental mixtures: Mean field variational Bayes for lagged kernel machine regression. Environmetrics, 2018, 29, e2504.	0.6	18
74	Neonatal intensive care unit phthalate exposure and preterm infant neurobehavioral performance. PLoS ONE, 2018, 13, e0193835.	1.1	40
75	Effects of an environmentally-relevant mixture of pyrethroid insecticides on spontaneous activity in primary cortical networks on microelectrode arrays. NeuroToxicology, 2017, 60, 234-239.	1.4	18
76	Bacterial and cytokine mixtures predict the length of gestation and are associated with miRNA expression in the cervix. Epigenomics, 2017, 9, 33-45.	1.0	11
77	Extending the Distributed Lag Model framework to handle chemical mixtures. Environmental Research, 2017, 156, 253-264.	3.7	43
78	Fetal and postnatal metal dysregulation in autism. Nature Communications, 2017, 8, 15493.	5.8	137
79	Maternal Lifetime Stress and Prenatal Psychological Functioning and Decreased Placental Mitochondrial DNA Copy Number in the PRISM Study. American Journal of Epidemiology, 2017, 186, 1227-1236.	1.6	65
80	New Research Strategy for Measuring Pre- and Postnatal Metal Dysregulation in Psychotic Disorders. Schizophrenia Bulletin, 2017, 43, 1153-1157.	2.3	11
81	Prenatal exposure to PM 2.5 and birth weight: A pooled analysis from three North American longitudinal pregnancy cohort studies. Environment International, 2017, 107, 173-180.	4.8	36
82	Big and disparate data: considerations for pediatric consortia. Current Opinion in Pediatrics, 2017, 29, 231-239.	1.0	9
83	Recurrence quantification analysis to characterize cyclical components of environmental elemental exposures during fetal and postnatal development. PLoS ONE, 2017, 12, e0187049.	1.1	19
84	What Can Epidemiological Studies Tell Us about the Impact of Chemical Mixtures on Human Health?. Environmental Health Perspectives, 2016, 124, A6-9.	2.8	270
85	Statistical Approaches for Assessing Health Effects of Environmental Chemical Mixtures in Epidemiology: Lessons from an Innovative Workshop. Environmental Health Perspectives, 2016, 124, A227-A229.	2.8	174
86	Telephone based cognitive-behavioral screening for frontotemporal changes in patients with amyotrophic lateral sclerosis (ALS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 482-488.	1.1	16
87	Manipulation of pre and postnatal androgen environments and anogenital distance in rats. Toxicology, 2016, 368-369, 152-161.	2.0	40
88	Association Between Dietary Intake and Function in Amyotrophic Lateral Sclerosis. JAMA Neurology, 2016, 73, 1425.	4.5	74
89	Validation of a Food Frequency Questionnaire for Estimating Micronutrient Intakes in an Urban US Sample of Multi-Ethnic Pregnant Women. Maternal and Child Health Journal, 2016, 20, 250-260.	0.7	17
90	Lifetime exposure to traumatic and other stressful life events and hair cortisol in a multi-racial/ethnic sample of pregnant women. Stress, 2016, 19, 45-52.	0.8	63

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91	Assessment of Weighted Quantile Sum Regression for Modeling Chemical Mixtures and Cancer Risk. Cancer Informatics, 2015, 14s2, CIN.S17295.	0.9	110
92	Evaluating Geographically Weighted Regression Models for Environmental Chemical Risk Analysis. Cancer Informatics, 2015, 14s2, CIN.S17296.	0.9	9
93	Selecting Spatial Scale of Covariates in Regression Models of Environmental Exposures. Cancer Informatics, 2015, 14s2, CIN.S17302.	0.9	4
94	Development and Validation of a Clinical Risk-Assessment Tool Predictive of All-Cause Mortality. Bioinformatics and Biology Insights, 2015, 9s3, BBI.S30172.	1.0	8
95	Phenotypic and molecular analyses of primary lateral sclerosis. Neurology: Genetics, 2015, 1, e3.	0.9	48
96	Analysis of Environmental Chemical Mixtures and Non-Hodgkin Lymphoma Risk in the NCI-SEER NHL Study. Environmental Health Perspectives, 2015, 123, 965-970.	2.8	120
97	Associations between Prenatal Exposure to Black Carbon and Memory Domains in Urban Children: Modification by Sex and Prenatal Stress. PLoS ONE, 2015, 10, e0142492.	1.1	55
98	CO-occurring exposure to perchlorate, nitrate and thiocyanate alters thyroid function in healthy pregnant women. Environmental Research, 2015, 143, 1-9.	3.7	61
99	Characterization of Weighted Quantile Sum Regression for Highly Correlated Data in a Risk Analysis Setting. Journal of Agricultural, Biological, and Environmental Statistics, 2015, 20, 100-120.	0.7	630
100	Assessment of phthalates/phthalate alternatives in children's toys and childcare articles: Review of the report including conclusions and recommendation of the Chronic Hazard Advisory Panel of the Consumer Product Safety Commission. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 343-353.	1.8	115
101	Childhood abuse is associated with increased hair cortisol levels among urban pregnant women. Journal of Epidemiology and Community Health, 2015, 69, 1169-1174.	2.0	68
102	Changing Trends in Phthalate Exposures. Environmental Health Perspectives, 2014, 122, A264.	2.8	7
103	Bioenergetic markers in skin fibroblasts of sporadic amyotrophic lateral sclerosis and progressive lateral sclerosis patients. Annals of Neurology, 2014, 76, 620-624.	2.8	37
104	A Cohort study evaluation of maternal PCB exposure related to time to pregnancy in daughters. Environmental Health, 2013, 12, 66.	1.7	54
105	Testing for departures from additivity in mixtures of perfluoroalkyl acids (PFAAs). Toxicology, 2013, 306, 169-175.	2.0	29
106	Multiple classes of environmental chemicals are associated with liver disease: NHANES 2003–2004. International Journal of Hygiene and Environmental Health, 2013, 216, 703-709.	2.1	70
107	An Empirical Approach to Sufficient Similarity: Combining Exposure Data and Mixtures Toxicology Data. Risk Analysis, 2013, 33, 1582-1595.	1.5	18
108	Effects of Bone-Conducted Music on Swimming Performance. Journal of Strength and Conditioning Research, 2012, 26, 982-988.	1.0	19

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109	Linking empirical estimates of body burden of environmental chemicals and wellness using NHANES data. Environment International, 2012, 39, 56-65.	4.8	23
110	Pharmacological Synergy: The Next Frontier on Therapeutic Advancement for Migraine. Headache, 2012, 52, 636-647.	1.8	35
111	Additivity of Pyrethroid Actions on Sodium Influx in Cerebrocortical Neurons in Primary Culture. Environmental Health Perspectives, 2011, 119, 1239-1246.	2.8	46
112	Influence of the phosphodiesterase-5 inhibitor, sildenafil, on sensitivity to chemotherapy in breast tumor cells. Breast Cancer Research and Treatment, 2010, 124, 349-360.	1.1	58
113	Further considerations on the evaluation of potential reduced-risk tobacco products. Part II: Re-assessment of a heuristic using the CPS-II database. Regulatory Toxicology and Pharmacology, 2010, 57, 11-17.	1.3	1
114	Hypotheses and fundamental study design characteristics for evaluating potential reduced-risk tobacco products. Part I: Heuristic. Regulatory Toxicology and Pharmacology, 2010, 57, 1-10.	1.3	3
115	Residual Attributable Mortality, a New Concept for Understanding the Value of Antibiotics in Treating Life-Threatening Acute Infections. Antimicrobial Agents and Chemotherapy, 2010, 54, 4956-4960.	1.4	5
116	Who's Doing the Math? Are We Really Compensating Research Participants?. Journal of Empirical Research on Human Research Ethics, 2010, 5, 57-65.	0.6	25
117	The Moderating Role of Sensory Overresponsivity in HPA Activity. Journal of Attention Disorders, 2010, 13, 468-478.	1.5	36
118	Use of desirability functions to evaluate health status in patients with cirrhosis. Journal of Hepatology, 2010, 52, 665-671.	1.8	8
119	Evidence for Dose-Additive Effects of Pyrethroids on Motor Activity in Rats. Environmental Health Perspectives, 2009, 117, 1563-1570.	2.8	51
120	Ineffective triggering predicts increased duration of mechanical ventilation *. Critical Care Medicine, 2009, 37, 2740-2745.	0.4	212
121	R = 20: bias in the reporting of respiratory rates. American Journal of Emergency Medicine, 2008, 26, 237-239.	0.7	17
122	Aerobic Exercise Alters Postprandial Lipemia in African American versus White Women. International Journal of Sport Nutrition and Exercise Metabolism, 2008, 18, 37-48.	1.0	7
123	Drug withdrawal, cocaine and sedative use disorders increase the need for mechanical ventilation in medical patients. Addiction, 2008, 103, 1500-8.	1.7	8
124	Clinical and pathologic features of cynomolgus macaques (Macaca fascicularis) infected with aerosolized Yersinia pestis. Comparative Medicine, 2008, 58, 68-75.	0.4	20
125	Opportunities for Biostatistics Students. American Statistician, 2007, 61, 120-126.	0.9	0
126	The simultaneous analysis of mixed discrete and continuous outcomes using nonlinear threshold models. Journal of Agricultural, Biological, and Environmental Statistics, 2007, 12, 55-77.	0.7	4

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127	D-optimal designs for mixed discrete and continuous outcomes analyzed using nonlinear models. Journal of Agricultural, Biological, and Environmental Statistics, 2007, 12, 78-95.	0.7	3
128	Alcohol Use Disorders Increase the Risk for Mechanical Ventilation in Medical Patients. Alcoholism: Clinical and Experimental Research, 2007, 31, 1224-1230.	1.4	52
129	The simultaneous analysis of discrete and continuous outcomes in a dose–response study: Using desirability functions. Regulatory Toxicology and Pharmacology, 2007, 48, 51-58.	1.3	10
130	Analysis of the interaction of phytoestrogens and synthetic chemicals: An in vitro/in vivo comparison. Toxicology and Applied Pharmacology, 2007, 218, 280-288.	1.3	43
131	The impact of exposure to a mixture of eighteen polyhalogenated aromatic hydrocarbons on thyroid function: Estimation of an interaction threshold. Journal of Agricultural, Biological, and Environmental Statistics, 2007, 12, 96-111.	0.7	9
132	Testing for Additivity at Select Mixture Groups of Interest Based on Statistical Equivalence Testing Methods. Risk Analysis, 2006, 26, 1601-1612.	1.5	6
133	Power and Sample Size Calculations for Linear Hypotheses Associated with Mixtures of Many Components using Fixed-Ratio Ray Designs. Environmental and Ecological Statistics, 2006, 13, 11-23.	1.9	12
134	Thermoregulatory response to an organophosphate and carbamate insecticide mixture: Testing the assumption of dose-additivity. Toxicology, 2006, 217, 1-13.	2.0	26
135	Neurotoxicological Interactions of a Five-Pesticide Mixture in Preweanling Rats. Toxicological Sciences, 2006, 92, 235-245.	1.4	56
136	Ds-optimal designs for studying combinations of chemicals using multiple fixed-ratio ray experiments. Environmetrics, 2005, 16, 129-147.	0.6	17
137	Quality of life in refractory ascites: Transjugular intrahepatic portal-systemic shunting versus medical therapy. Hepatology, 2005, 42, 635-640.	3.6	55
138	Analysis of an interaction threshold in a mixture of drugs and/or chemicals. Statistics in Medicine, 2005, 24, 2493-2507.	0.8	15
139	D-Optimal Experimental Designs to Test for Departure from Additivity in a Fixed-Ratio Mixture Ray. Toxicological Sciences, 2005, 88, 467-476.	1.4	16
140	Thyroid-Hormone–Disrupting Chemicals: Evidence for Dose-Dependent Additivity or Synergism. Environmental Health Perspectives, 2005, 113, 1549-1554.	2.8	179
141	Resistance exercise and postprandial lipemia: the dose effect of differing volumes of acute resistance exercise bouts. Metabolism: Clinical and Experimental, 2005, 54, 756-763.	1.5	40
142	Sample size and power determination for detecting interactions in mixtures of chemicals. Journal of Agricultural, Biological, and Environmental Statistics, 2005, 10, 104-117.	0.7	5
143	The Utility of Microvascular Perfusion Assessment in Heart Failure: A Pilot Study. Journal of Cardiac Failure, 2005, 11, 713-719.	0.7	14
144	A Novel Flexible Approach for Evaluating Fixed Ratio Mixtures of Full and Partial Agonists. Toxicological Sciences, 2004, 80, 134-150.	1.4	41

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145	Detecting interaction(s) and assessing the impact of component subsets in a chemical mixture using fixed-ratio mixture ray designs. Journal of Agricultural, Biological, and Environmental Statistics, 2004, 9, 339-361.	0.7	39
146	Analysis of mixtures of drugs/chemicals along a fixed-ratio ray without single-chemical data to support an additivity model. Journal of Agricultural, Biological, and Environmental Statistics, 2004, 9, 500-514.	0.7	3
147	Analysis of functional effects of a mixture of five pesticides using a ray design. Environmental Toxicology and Pharmacology, 2004, 18, 115-125.	2.0	25
148	Potentiation of cell killing by fractionated radiation and suppression of proliferative recovery in MCF-7 breast tumor cells by the Vitamin D3 analog EB 1089. Journal of Steroid Biochemistry and Molecular Biology, 2004, 92, 365-374.	1.2	31
149	Analysis of resulting data from estrogen receptor reporter gene assays. Journal of Agricultural, Biological, and Environmental Statistics, 2003, 8, 84-104.	0.7	3
150	Effect of the vitamin D3 analog ILXÂ23-7553 on apoptosis and sensitivity to fractionated radiation in breast tumor cells and normal human fibroblasts. Cancer Chemotherapy and Pharmacology, 2003, 51, 415-421.	1.1	35
151	Titrating and evaluating multi-drug regimens within subjects. Statistics in Medicine, 2003, 22, 2257-2279.	0.8	17
152	Response-Surface Modeling of the Effect of 5alpha-Dihydrotestosterone and Androgen Receptor Levels on the Response to the Androgen Antagonist Vinclozolin. Toxicological Sciences, 2002, 69, 332-343.	1.4	25
153	Short Course of Omeprazole. Journal of Clinical Gastroenterology, 2002, 35, 307-314.	1.1	93
154	Support of Science-Based Decisions Concerning the Evaluation of the Toxicology of Mixtures: A New Beginning. Regulatory Toxicology and Pharmacology, 2002, 36, 34-39.	1.3	73
155	Statistical analysis of interactive cytotoxicity in human epidermal keratinocytes following exposure to a mixture of four metals. Journal of Agricultural, Biological, and Environmental Statistics, 2002, 7, 58-73.	0.7	57
156	The vitamin D 3 analog, ILX-23-7553, enhances the response to Adriamycin and irradiation in MCF-7 breast tumor cells. Cancer Chemotherapy and Pharmacology, 2001, 47, 429-436.	1.1	65
157	Optimizing the precision of toxicity threshold estimation using a two-stage experimental design. Journal of Agricultural, Biological, and Environmental Statistics, 2001, 6, 409-428.	0.7	5
158	A MULTIPLE-PURPOSE DESIGN APPROACH TO THE EVALUATION OF RISKS FROM MIXTURES OF DISINFECTION BY-PRODUCTS*. Drug and Chemical Toxicology, 2000, 23, 307-321.	1.2	21
159	ON TESTING FOR DRUG/CHEMICAL INTERACTIONS: DEFINITIONS AND INFERENCE. Journal of Biopharmaceutical Statistics, 2000, 10, 457-467.	0.4	23
160	Two Graphical Techniques Useful in Detecting Correlation Structure in Repeated Measures Data. American Statistician, 1997, 51, 275-283.	0.9	14
161	Two Graphical Techniques Useful in Detecting Correlation Structure in Repeated Measures Data. American Statistician, 1997, 51, 275.	0.9	13
162	Predictive Model with Improved Statistical Analysis of Interactive Factors Affecting the Growth of Staphylococcus aureus196E. Journal of Food Protection, 1996, 59, 608-614.	0.8	22

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163	NON‑PARAMETRIC TWO‑SAMPLE TESTS FOR REPEATED ORDINAL RESPONSES. , 1996, 15, 429-442.		12
164	An efficient experimental design for detecting departure from additivity in mixtures of many chemicals. Toxicology, 1995, 105, 189-197.	2.0	33
165	Threshold Models for Combination Data from Reproductive and Developmental Experiments. Journal of the American Statistical Association, 1995, 90, 862-870.	1.8	37
166	Risk Assessment in Immunotoxicology. Toxicological Sciences, 1992, 18, 200-210.	1.4	19
167	A CCl4/CHCl3 interaction study in isolated hepatocytes: Non-induced and phenobarbitalpretreated cells. Journal of Applied Toxicology, 1991, 11, 147-154.	1.4	3
168	Efficacy Comparison of Two Cholinolytics, Scopolamine and Azaprophen, When Used in Conjunction with Physostigmine and Pyridostigmine for Protection Against Organophosphate Exposure. Journal of the American College of Toxicology, 1991, 10, 215-222.	0.2	5
169	A Simple Approach for Finding Estimable Functions in Linear Models. American Statistician, 1991, 45, 51-53.	0.9	11
170	Evaluation of a two-drug combination pretreatment against organophosphorus exposure. Toxicology and Applied Pharmacology, 1990, 102, 421-429.	1.3	21
171	Response Surface Analysis with Correlated Data: A Nonlinear Model Approach. Journal of the American Statistical Association, 1989, 84, 805-809.	1.8	31
172	Comparing the Response Surfaces of Two Cholinolytics When Used in Combination with Physosttgmine as a Pretreatment Against Organophosphate Challenge. Drug and Chemical Toxicology, 1989, 12, 197-219.	1.2	5
173	Toxic interactions between carbon tetrachloride and chloroform in cultured rat hepatocytes. Toxicology and Applied Pharmacology, 1989, 101, 106-113.	1.3	17
174	A Statistical Approach to the Construction and Analysis of Isobolograms. Journal of the American College of Toxicology, 1988, 7, 963-973.	0.2	83
175	Efficacy of a combination of acetylcholinesterase reactivators, HI-6 and obidoxime, against tabun and soman poisoning of mice. Archives of Toxicology, 1987, 61, 70-75.	1.9	56
176	Response Surface Analysis with Correlated Data: A Nonlinear Model Approach. , 0, .		9
177	Threshold Models for Combination Data from Reproductive and Developmental Experiments. , 0, .		16