Peter Goos

List of Publications by Year
in descending order

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179 papers	4,156 citations	126708 33 h-index	174990 52 g-index
189 all docs	189 docs citations	189 times ranked	3106 citing authors

#	Article	IF	Citations
1	Historical land use change has lowered terrestrial silica mobilization. Nature Communications, 2010, 1, 129.	5.8	189
2	A Comparison of Criteria to Design Efficient Choice Experiments. Journal of Marketing Research, 2006, 43, 409-419.	3.0	172
3	Home care service planning. The case of Landelijke Thuiszorg. European Journal of Operational Research, 2015, 243, 292-301.	3.5	97
4	D-Optimal Split-Plot Designs With Given Numbers and Sizes of Whole Plots. Technometrics, 2003, 45, 235-245.	1.3	91
5	Bayesian optimal designs for discrete choice experiments with partial profiles. Journal of Choice Modelling, 2011, 4, 52-74.	1.2	90
6	Optimal Split-Plot Designs. Journal of Quality Technology, 2001, 33, 436-450.	1.8	89
7	Efficient GRASP+VND and GRASP+VNS metaheuristics for the traveling repairman problem. 4or, 2011, 9, 189-209.	1.0	82
8	I-Optimal Versus D-Optimal Split-Plot Response Surface Designs. Journal of Quality Technology, 2012, 44, 85-101.	1.8	80
9	I-Optimal Design of Mixture Experiments. Journal of the American Statistical Association, 2016, 111, 899-911.	1.8	80
10	An Efficient Algorithm for Constructing Bayesian Optimal Choice Designs. Journal of Business and Economic Statistics, 2009, 27, 279-291.	1.8	75
11	Location of logistics companies: a stated preference study to disentangle the impact of accessibility. Journal of Transport Geography, 2015, 42, 110-121.	2.3	75
12	Longâ€term effect of biochar on the stabilization of recent carbon: soils with historical inputs of charcoal. GCB Bioenergy, 2016, 8, 371-381.	2.5	71
13	A comparison of soil tests for available phosphorus in longâ€term field experiments in Europe. European Journal of Soil Science, 2017, 68, 873-885.	1.8	71
14	Models and optimal designs for conjoint choice experiments including a no-choice option. International Journal of Research in Marketing, 2008, 25, 94-103.	2.4	70
15	Efficient Conjoint Choice Designs in the Presence of Respondent Heterogeneity. Marketing Science, 2009, 28, 122-135.	2.7	70
16	Outperforming Completely Randomized Designs. Journal of Quality Technology, 2004, 36, 12-26.	1.8	68
17	A candidate-set-free algorithm for generating D-optimal split-plot designs. Journal of the Royal Statistical Society Series C: Applied Statistics, 2007, 56, 347-364.	0.5	65
18	An iterated local search algorithm for the vehicle routing problem with backhauls. European Journal of Operational Research, 2014, 237, 454-464.	3.5	61

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19	The usefulness of Bayesian optimal designs for discrete choice experiments. Applied Stochastic Models in Business and Industry, 2011, 27, 173-188.	0.9	59
20	Age-related arabinoxylan hydrolysis and fermentation in the gastrointestinal tract of broilers fed wheat-based diets. Poultry Science, 2019, 98, 4606-4621.	1.5	59
21	Public Preferences for Prioritizing Preventive and Curative Health Care Interventions: A Discrete Choice Experiment. Value in Health, 2015, 18, 224-233.	0.1	51
22	Glare based apple sorting and iterative algorithm for bruise region detection using shortwave infrared hyperspectral imaging. Postharvest Biology and Technology, 2017, 130, 103-115.	2.9	50
23	Practical Inference from Industrial Split-Plot Designs. Journal of Quality Technology, 2006, 38, 162-179.	1.8	49
24	The impact of steeping, germination and hydrothermal processing of wheat (Triticum aestivum L.) grains on phytate hydrolysis and the distribution, speciation and bio-accessibility of iron and zinc elements. Food Chemistry, 2018, 264, 367-376.	4.2	49
25	Individually adapted sequential Bayesian conjoint-choice designs in the presence of consumer heterogeneity. International Journal of Research in Marketing, 2011, 28, 378-388.	2.4	48
26	-optimal response surface designs in the presence of random block effects. Computational Statistics and Data Analysis, 2001, 37, 433-453.	0.7	44
27	Revealing the main factors and two-way interactions contributing to food discolouration caused by iron-catechol complexation. Scientific Reports, 2020, 10, 8288.	1.6	42
28	Sequential imputation for missing values. Computational Biology and Chemistry, 2007, 31, 320-327.	1.1	41
29	Bayesian Conjoint Choice Designs for Measuring Willingness to Pay. Environmental and Resource Economics, 2011, 48, 129-149.	1.5	41
30	Recommendations on the use of Bayesian optimal designs for choice experiments. Quality and Reliability Engineering International, 2008, 24, 737-744.	1.4	39
31	D-optimal design of split-split-plot experiments. Biometrika, 2009, 96, 67-82.	1.3	38
32	Arabinoxylan-oligosaccharides kick-start arabinoxylan digestion in the aging broiler. Poultry Science, 2020, 99, 2555-2565.	1.5	38
33	A memetic algorithm for the travelling salesperson problem with hotel selection. Computers and Operations Research, 2013, 40, 1716-1728.	2.4	34
34	Blocking response surface designs. Computational Statistics and Data Analysis, 2006, 51, 1075-1088.	0.7	33
35	Tailor-Made Split-Plot Designs for Mixture and Process Variables. Journal of Quality Technology, 2007, 39, 326-339.	1.8	33
36	Robust preprocessing and model selection for spectral data. Journal of Chemometrics, 2012, 26, 282-289.	0.7	33

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37	Optimal versus orthogonal and equivalent-estimation design of blocked and split-plot experiments. Statistica Neerlandica, 2006, 60, 361-378.	0.9	31
38	Thermal annealing of gold coated fiber optic surfaces for improved plasmonic biosensing. Sensors and Actuators B: Chemical, 2016, 229, 678-685.	4.0	31
39	Comparing different sampling schemes for approximating the integrals involved in the efficient design of stated choice experiments. Transportation Research Part B: Methodological, 2010, 44, 1268-1289.	2.8	30
40	The originâ€“destination airport choice for all-cargo aircraft operations in Europe. Transportation Research, Part E: Logistics and Transportation Review, 2016, 87, 53-74.	3.7	30
41	Analysis of Data from Non-Orthogonal Multistratum Designs in Industrial Experiments. Journal of the Royal Statistical Society Series C: Applied Statistics, 2009, 58, 467-484.	0.5	28
42	The accessibility arc upgrading problem. European Journal of Operational Research, 2013, 224, 458-465.	3.5	27
43	A-optimal versus D-optimal design of screening experiments. Journal of Quality Technology, 2021, 53, 369-382.	1.8	27
44	The D-Optimal Design of Blocked Experiments with Mixture Components. Journal of Quality Technology, 2006, 38, 319-332.	1.8	26
45	An improved twoâ€stage variance balance approach for constructing partial profile designs for discrete choice experiments. Applied Stochastic Models in Business and Industry, 2015, 31, 626-648.	0.9	25
46	Impact of Nannochloropsis sp. dosage form on the oxidative stability of n-3 LC-PUFA enriched tomato purees. Food Chemistry, 2019, 279, 389-400.	4.2	25
47	Study into the effect of microfluidisation processing parameters on the physicochemical properties of wheat (Triticum aestivum L.) bran. Food Chemistry, 2020, 305, 125436.	4.2	24
48	Solid-Phase PCR-Amplified DNAzyme Activity for Real-Time FO-SPR Detection of the MCR-2 Gene. Analytical Chemistry, 2020, 92, 10783-10791.	3.2	24
49	Optimal Design of Blocked and Split-Plot Experiments for Fixed Effects and Variance Component Estimation. Technometrics, 2014, 56, 132-144.	1.3	23
50	Optical Manipulation of Single Magnetic Beads in a Microwell Array on a Digital Microfluidic Chip. Analytical Chemistry, 2016, 88, 8596-8603.	3.2	23
51	Optimisation of the lipid extraction of fresh black soldier fly larvae (Hermetia illucens) with 2-methyltetrahydrofuran by response surface methodology. Separation and Purification Technology, 2021, 258, 118040.	3.9	23
52	D-Optimal and D-Efficient Equivalent-Estimation Second-Order Split-Plot Designs. Journal of Quality Technology, 2010, 42, 358-372.	1.8	22
53	Obtaining more information from conjoint experiments by bestâ€“worst choices. Computational Statistics and Data Analysis, 2010, 54, 1426-1433.	0.7	22
54	Constructing General Orthogonal Fractional Factorial Split-Plot Designs. Technometrics, 2015, 57, 488-502.	1.3	22

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55	Design and analysis of industrial stripâ€plot experiments. Quality and Reliability Engineering International, 2010, 26, 127-136.	1.4	21
56	Model-based electron microscopy: From images toward precise numbers for unknown structure parameters. Micron, 2012, 43, 509-515.	1.1	20
57	Two-Level Orthogonal Screening Designs With 24, 28, 32, and 36 Runs. Journal of the American Statistical Association, 2017, 112, 1354-1369.	1.8	20
58	Impact of microalgal species on the oxidative stability of n-3 LC-PUFA enriched tomato puree. Algal Research, 2019, 40, 101502.	2.4	20
59	-optimal conjoint choice designs with no-choice options for a nested logit model. Journal of Statistical Planning and Inference, 2010, 140, 851-861.	0.4	19
60	Group size, h-index, and efficiency in publishing in top journals explain expert panel assessments of research group quality and productivity. Research Evaluation, 2013, 22, 224-236.	1.3	19
61	I-Optimal Design of Mixture Experiments in the Presence of Ingredient Availability Constraints. Journal of Quality Technology, 2015, 47, 220-234.	1.8	18
62	Consumer responses to different degrees of advertising adaptation: the moderating role of national openness to foreign markets. International Journal of Advertising, 2017, 36, 293-313.	4.2	18
63	Symmetry breaking in mixed integer linear programming formulations for blocking two-level orthogonal experimental designs. Computers and Operations Research, 2018, 97, 96-110.	2.4	18
64	Model-robust and model-sensitive designs. Computational Statistics and Data Analysis, 2005, 49, 201-216.	0.7	17
65	Optimal designs for conjoint experiments. Computational Statistics and Data Analysis, 2008, 52, 2369-2387.	0.7	17
66	Prespecified factor level combinations in the optimal design of mixture-process variable experiments. Food Quality and Preference, 2011, 22, 661-670.	2.3	17
67	Optimal design of large-scale screening experiments: a critical look at the coordinate-exchange algorithm. Statistics and Computing, 2016, 26, 15-28.	0.8	17
68	The impact of wheat (Triticum aestivum L.) bran on wheat starch gelatinization: A differential scanning calorimetry study. Carbohydrate Polymers, 2020, 241, 116262.	5.1	16
69	Hydrothermal Treatments Cause Wheat Gluten-Derived Peptides to Form Amyloid-like Fibrils. Journal of Agricultural and Food Chemistry, 2021, 69, 1963-1974.	2.4	16
70	A comparison of different Bayesian design criteria for setting up stated preference studies. Transportation Research Part B: Methodological, 2012, 46, 789-807.	2.8	15
71	An Algorithm for Finding D-Efficient Equivalent-Estimation Second-Order Split-Plot Designs. Journal of Quality Technology, 2012, 44, 363-374.	1.8	15
72	A fast metaheuristic for the travelling salesperson problem with hotel selection. 4or, 2015, 13, 15-34.	1.0	15

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73	Drying mode and hydrothermal treatment conditions govern the formation of amyloid-like protein fibrils in solutions of dried hen egg white. Food Hydrocolloids, 2021, 112, 106276.	5.6	15
74	Feed endoxylanase type and dose affect arabinoxylan hydrolysis and fermentation in ageing broilers. Animal Nutrition, 2021, 7, 787-800.	2.1	15
75	Identifying effects under a split-plot design structure. Journal of Chemometrics, 2005, 19, 5-15.	0.7	14
76	Model-Robust Design of Conjoint Choice Experiments. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 1603-1621.	0.6	14
77	A variable-neighbourhood search algorithm for finding optimal run orders in the presence of serial correlation. Journal of Statistical Planning and Inference, 2009, 139, 30-44.	0.4	14
78	Rejoinder: the usefulness of Bayesian optimal designs for discrete choice experiments. Applied Stochastic Models in Business and Industry, 2011, 27, 197-203.	0.9	14
79	A General Strategy for Analyzing Data From Split-Plot and Multistratum Experimental Designs. Technometrics, 2012, 54, 340-354.	1.3	14
80	Staggered-Level Designs for Experiments With More Than One Hard-to-Change Factor. Technometrics, 2012, 54, 355-366.	1.3	14
81	A metaheuristic for a teaching assistant assignment-routing problem. Computers and Operations Research, 2012, 39, 249-258.	2.4	14
82	Enumeration and Multicriteria Selection of Orthogonal Minimally Aliased Response Surface Designs. Technometrics, 2020, 62, 21-36.	1.3	14
83	Blocking Orthogonal Designs With Mixed Integer Linear Programming. Technometrics, 2015, 57, 428-439.	1.3	13
84	The predictive power of batter rheological properties on cakeÂqualityÂ-ÂThe effect of pregelatinized flour, leavening acid type and mixing time. Journal of Cereal Science, 2017, 77, 219-227.	1.8	13
85	How consumersâ€™ media usage creates synergy in advertising campaigns. International Journal of Market Research, 2018, 60, 268-287.	2.8	13
86	Throughput maximization of particle radius measurements through balancing size versus current of the electron probe. Ultramicroscopy, 2011, 111, 940-947.	0.8	12
87	Precision of three-dimensional atomic scale measurements from HRTEM images: What are the limits?. Ultramicroscopy, 2012, 114, 20-30.	0.8	12
88	Staggered-Level Designs for Response Surface Modeling. Journal of Quality Technology, 2015, 47, 156-175.	1.8	12
89	Steeping and germination of wheat (Triticum aestivum L.). I. Unlocking the impact of phytate and cell wall hydrolysis on bio-accessibility of iron and zinc elements. Journal of Cereal Science, 2019, 90, 102847.	1.8	12
90	Optimal Design of Experiments for Non-Linear Response Surface Models. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 623-640.	0.5	12

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91	Ultra-fast, sensitive and quantitative on-chip detection of group B streptococci in clinical samples. Talanta, 2019, 192, 220-225.	2.9	12
92	A nonlinear multidimensional knapsack problem in the optimal design of mixture experiments. European Journal of Operational Research, 2020, 281, 201-221.	3.5	12
93	Optimal design of factorial paired comparison experiments in the presence of within-pair order effects. Food Quality and Preference, 2011, 22, 198-204.	2.3	11
94	Rank-order choice-based conjoint experiments: Efficiency and design. Journal of Statistical Planning and Inference, 2011, 141, 2519-2531.	0.4	11
95	V-optimal mixture designs for the qth degree model. Chemometrics and Intelligent Laboratory Systems, 2014, 136, 173-178.	1.8	11
96	Bayesian I-optimal designs for choice experiments with mixtures. Chemometrics and Intelligent Laboratory Systems, 2021, 217, 104395.	1.8	11
97	Update formulas for split-plot and block designs. Computational Statistics and Data Analysis, 2010, 54, 3381-3391.	0.7	10
98	Discrete choice modelling of natal dispersal: â€˜Choosingâ€™ where to breed from a finite set of available areas. Methods in Ecology and Evolution, 2015, 6, 997-1006.	2.2	10
99	Mixed-Media Modeling May Help Optimize Campaign Recognition and Brand Interest. Journal of Advertising Research, 2015, 55, 443-457.	1.0	10
100	An integrated algorithm for the optimal design of stated choice experiments with partial profiles. Transportation Research Part B: Methodological, 2016, 93, 648-669.	2.8	10
101	Optimal design of experiments for excipient compatibility studies. Chemometrics and Intelligent Laboratory Systems, 2017, 171, 125-139.	1.8	10
102	Choice models with mixtures: An application to a cocktail experiment. Food Quality and Preference, 2019, 77, 135-146.	2.3	10
103	The effect of thermal processing and storage on the color stability of strawberry puree originating from different cultivars. LWT - Food Science and Technology, 2021, 145, 111270.	2.5	10
104	Optimal Split-Plot Designs. Lecture Notes in Statistics, 2002, , 201-216.	0.1	10
105	An Efficient Algorithm for Constructing Bayesian Optimal Choice Designs. SSRN Electronic Journal, 2006, , .	0.4	9
106	$$mathcal{D}$$ -optimal Minimum Support Mixture Designs in Blocks. Metrika, 2006, 65, 53-68.	0.5	9
107	Discussion of â€œResponse surface design evaluation and comparisonâ€. Journal of Statistical Planning and Inference, 2009, 139, 657-659.	0.4	9
108	Bayesian D-Optimal Choice Designs for Mixtures. Journal of the Royal Statistical Society Series C: Applied Statistics, 2017, 66, 363-386.	0.5	9

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109	Constructing Two-Level Designs by Concatenation of Strength-3 Orthogonal Arrays. Technometrics, 2019, 61, 219-232.	1.3	9
110	Using Firth's method for model estimation and market segmentation based on choice data. Journal of Choice Modelling, 2019, 31, 1-21.	1.2	9
111	A Split-Plot Experiment with Factor-Dependent Whole-Plot Sizes. Journal of Quality Technology, 2011, 43, 66-79.	1.8	8
112	Quadrature Methods for Bayesian Optimal Design of Experiments With Nonnormal Prior Distributions. Journal of Computational and Graphical Statistics, 2018, 27, 179-194.	0.9	8
113	An integer linear programing approach to find trend-robust run orders of experimental designs. Journal of Quality Technology, 2019, 51, 37-50.	1.8	8
114	Efficient Bayesian designs under heteroscedasticity. Journal of Statistical Planning and Inference, 2002, 104, 469-483.	0.4	7
115	Three-Stage Industrial Strip-Plot Experiments. Journal of Quality Technology, 2013, 45, 1-17.	1.8	7
116	Optimal Blocking for General Resolution-3 Designs. Journal of Quality Technology, 2013, 45, 166-187.	1.8	7
117	A classification criterion for definitive screening designs. Annals of Statistics, 2019, 47, .	1.4	7
118	Optimal two-level conjoint designs with constant attributes in the profile sets. Journal of Statistical Planning and Inference, 2010, 140, 3035-3046.	0.4	6
119	A weighted predictionâ€based selection criterion for response surface designs. Quality and Reliability Engineering International, 2011, 27, 719-729.	1.4	6
120	Classification of three-level strength-3 arrays. Journal of Statistical Planning and Inference, 2012, 142, 794-809.	0.4	6
121	Discussion of â€œ21st century screening experiments: What, why, and howâ€• Quality Engineering, 2016, 28, 111-114.	0.7	6
122	Optimizing Oxygen Input Profiles for Efficient Estimation of Michaelis-Menten Respiration Models. Food and Bioprocess Technology, 2019, 12, 769-780.	2.6	6
123	Projections of Definitive Screening Designs by Dropping Columns: Selection and Evaluation. Technometrics, 2020, 62, 37-47.	1.3	6
124	Optimal Design of Experiments for Hybrid Nonlinear Models, with Applications to Extended Michaelisâ€“Menten Kinetics. Journal of Agricultural, Biological, and Environmental Statistics, 2020, 25, 601-616.	0.7	6
125	Recommendations on the use of Bayesian Optimal Designs for Choice Experiments. SSRN Electronic Journal, 0, , .	0.4	6
126	Teaching Optimal Design of Experiments Using a Spreadsheet. Journal of Statistics Education, 2004, 12, .	1.4	5

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127	A mixture-amount stated preference study on the mobility budget. Transportation Research, Part A: Policy and Practice, 2019, 126, 230-246.	2.0	5
128	Optimal Blocked and Split-Plot Designs Ensuring Precise Pure-Error Estimation of the Variance Components. Technometrics, 2020, 62, 57-70.	1.3	5
129	Sensory quality of wine: quality assessment by merging ranks of an expert-consumer panel. Australian Journal of Grape and Wine Research, 2017, 23, 318-328.	1.0	5
130	Individually Adapted Sequential Bayesian Designs for Conjoint Choice Experiments. SSRN Electronic Journal, 0, , .	0.4	5
131	Efficient Conjoint Choice Designs in the Presence of Respondent Heterogeneity. SSRN Electronic Journal, 0, , .	0.4	5
132	Optimal Design of Blocked Experiments in the Presence of Supplementary Information About the Blocks. Journal of Quality Technology, 2015, 47, 301-317.	1.8	4
133	Analyzing ordinal data from a split-plot design in the presence of a random block effect. Quality Engineering, 2017, 29, 553-562.	0.7	4
134	Optimal Experimental Design for Efficient Optical Manipulation of Magnetic Beads Seeded in a Microwell Array. Journal of Quality Technology, 2017, 49, 402-417.	1.8	4
135	Ruggedness testing of an analytical method for pesticide residues in potato. Accreditation and Quality Assurance, 2018, 23, 303-316.	0.4	4
136	Inhibition of lipolytic reactions during wet storage of T-Isochrysis lutea biomass by heat treatment. Algal Research, 2019, 38, 101388.	2.4	4
137	Flexible Mixture-Amount Models Using Multivariate Gaussian Processes. Journal of Business and Economic Statistics, 2020, 38, 257-271.	1.8	4
138	A mixed integer optimization approach for model selection in screening experiments. Journal of Quality Technology, 2020, , 1-24.	1.8	4
139	Two-level orthogonal screening designs with 80, 96, and 112 runs, and up to 29 factors. Journal of Quality Technology, 2022, 54, 338-358.	1.8	4
140	Effect of postharvest storage on potato (Solanum tuberosum L.) texture after pulsed electric field and thermal treatments. Innovative Food Science and Emerging Technologies, 2021, 74, 102826.	2.7	4
141	Optimal designs for variance function estimation using sample variances. Journal of Statistical Planning and Inference, 2001, 92, 233-252.	0.4	3
142	Estimating the Intercept in an Orthogonally Blocked Experiment when the Block Effects are Random. Communications in Statistics - Theory and Methods, 2005, 33, 873-890.	0.6	3
143	A General Construction Method for Five-Level Second-Order Rotatable Designs. Communications in Statistics Part B: Simulation and Computation, 2013, 42, 1961-1969.	0.6	3
144	Augmented design and analysis of computer experiments: a novel tolerance embedded global optimization approach applied to SWIR hyperspectral illumination design. Optics Express, 2016, 24, 29380.	1.7	3

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145	How to Mix Brand Placements in Television Programmes to Maximise Effectiveness. International Journal of Market Research, 2016, 58, 649-670.	2.8	3
146	Testing for Lack of Fit in Blocked, Split-Plot, and Other Multi-Stratum Designs. Journal of Quality Technology, 2017, 49, 320-336.	1.8	3
147	Orthogonal blocking arrangements for 24-run and 28-run two-level designs. Journal of Quality Technology, 2019, 51, 143-158.	1.8	3
148	Priority-Setting and Personality: Effects of Dispositional Optimism on Preferences for Allocating Healthcare Resources. Social Justice Research, 2019, 32, 186-207.	0.6	3
149	Chapter 12 Adaptation of the microbiome towards fibre digestion: effects of age and dietary ingredients. , 2019, , 199-216.		3
150	Row-column arrangements of regular and nonregular fractional factorial two-level designs. Journal of Quality Technology, 2020, 52, 304-322.	1.8	3
151	A Comparison of Different Bayesian Design Criteria to Compute Efficient Conjoint Choice Experiments. SSRN Electronic Journal, 0, , .	0.4	3
152	Design Criteria to Develop Choice Experiments to Measure the WTP Accurately. SSRN Electronic Journal, 0, , .	0.4	3
153	Superinfection exclusion factors drive a history-dependent switch from vertical to horizontal phage transmission. Cell Reports, 2022, 39, 110804.	2.9	3
154	How to relax inconsistent constraints in a mixture experiment. Chemometrics and Intelligent Laboratory Systems, 2001, 55, 147-149.	1.8	2
155	The Importance of Attribute Interactions in Conjoint Choice Design and Modeling. SSRN Electronic Journal, 2006, , .	0.4	2
156	An efficient metaheuristic to improve accessibility by rural road network planning. Electronic Notes in Discrete Mathematics, 2010, 36, 631-638.	0.4	2
157	Three-level equivalent-estimation split-plot designs based on subset and supplementary difference set designs. IIE Transactions, 2013, 45, 1153-1165.	2.1	2
158	Using mixtureâ€amount modeling to optimize the advertising media mix and quantify crossâ€media synergy for specific target groups. Applied Stochastic Models in Business and Industry, 2019, 35, 1228-1252.	0.9	2
159	Optimal Experimental Design in the Presence of Nested Factors. Technometrics, 2019, 61, 533-544.	1.3	2
160	Rank-Order Conjoint Experiments: Efficiency and Design. SSRN Electronic Journal, 0, , .	0.4	2
161	D- and I-optimal design of multi-factor industrial experiments with ordinal outcomes. Chemometrics and Intelligent Laboratory Systems, 2022, 221, 104463.	1.8	2
162	I-optimal design of split-plot mixture-process variable experiments: A case study on potato crisps. Food Quality and Preference, 2022, 101, 104620.	2.3	2

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163	The Optimal Design of Blocked Experiments in Industry. , 2005, , 247-279.		1
164	Bayesian D-Optimal Choice Designs for Mixtures. SSRN Electronic Journal, 0, , .	0.4	1
165	Relative importance and interactions of furan precursors in sterilised, vegetable-based food systems. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 33, 1-14.	1.1	1
166	An algorithmic framework for generating optimal two-stratum experimental designs. Computational Statistics and Data Analysis, 2017, 115, 224-249.	0.7	1
167	Assessing the relative importance of health and conformation traits in the cavalier king Charles spaniel. Canine Genetics and Epidemiology, 2018, 5, 1.	2.9	1
168	A note on the output of a coordinate-exchange algorithm for optimal experimental design. Chemometrics and Intelligent Laboratory Systems, 2019, 192, 103819.	1.8	1
169	Integer programming approaches to find rowâ€“column arrangements of two-level orthogonal experimental designs. IISE Transactions, 2020, 52, 780-796.	1.6	1
170	The fish patty experiment: a strip-plot look. Journal of Quality Technology, 2022, 54, 236-248.	1.8	1
171	Optimal Two-Level Conjoint Designs for Large Numbers of Attributes. SSRN Electronic Journal, 0, , .	0.4	1
172	Models and Optimal Designs for Conjoint Choice Experiments Including a No-Choice Option. SSRN Electronic Journal, 0, , .	0.4	1
173	Robust dynamic experiments for the precise estimation of respiration and fermentation parameters of fruit and vegetables. PLoS Computational Biology, 2022, 18, e1009610.	1.5	1
174	Editorial â€“ European Network for Business and Industrial Statistics 2012. Quality and Reliability Engineering International, 2014, 30, 313-314.	1.4	0
175	Discussion on â€œDesign augmentation for response optimization and model estimationâ€• Quality Engineering, 2018, 30, 52-56.	0.7	0
176	Discussion on â€œSÃ¸ren Bisgaard's contributions to Quality Engineering: Design of experimentsâ€• Quality Engineering, 2019, 31, 157-161.	0.7	0
177	An Algorithm for the Construction of Experi-mental Designs with Fixed and Random Blocks. , 2002, , 153-158.		0
178	Comparing Different Sampling Schemes for Approximating the Integrals Involved in the Semi-Bayesian Optimal Design of Choice Experiments. SSRN Electronic Journal, 0, , .	0.4	0
179	Flexible Mixture-Amount Models for Business and Industry Using Gaussian Processes. SSRN Electronic Journal, 0, , .	0.4	0