

Shapour Azarm

List of Publications by Year in descending order

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172
papers

3,308
citations

159585
30
h-index

182427
51
g-index

176
all docs

176
docs citations

176
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	Metrics for Quality Assessment of a Multiobjective Design Optimization Solution Set. Journal of Mechanical Design, Transactions of the ASME, 2001, 123, 18-25.	2.9	233
2	Multi-objective robust optimization using a sensitivity region concept. Structural and Multidisciplinary Optimization, 2005, 29, 50-60.	3.5	164
3	Product Design Selection Under Uncertainty and With Competitive Advantage. Journal of Mechanical Design, Transactions of the ASME, 2000, 122, 411-418.	2.9	146
4	An Approach for Product Line Design Selection Under Uncertainty and Competition. Journal of Mechanical Design, Transactions of the ASME, 2002, 124, 385-392.	2.9	133
5	A Kriging Metamodel Assisted Multi-Objective Genetic Algorithm for Design Optimization. Journal of Mechanical Design, Transactions of the ASME, 2008, 130, .	2.9	117
6	Constraint handling improvements for multiobjective genetic algorithms. Structural and Multidisciplinary Optimization, 2002, 23, 204-213.	3.5	114
7	Cross-validation based single response adaptive design of experiments for Kriging metamodeling of deterministic computer simulations. Structural and Multidisciplinary Optimization, 2013, 48, 581-605.	3.5	91
8	A New Deterministic Approach Using Sensitivity Region Measures for Multi-Objective Robust and Feasibility Robust Design Optimization. Journal of Mechanical Design, Transactions of the ASME, 2006, 128, 874-883.	2.9	88
9	On improving multiobjective genetic algorithms for design optimization. Structural Optimization, 1999, 18, 146-155.	0.6	86
10	Design of Robust New Products under Variability: Marketing Meets Design*. Journal of Product Innovation Management, 2005, 22, 177-192.	9.5	84
11	Multiobjective Collaborative Robust Optimization With Interval Uncertainty and Interdisciplinary Uncertainty Propagation. Journal of Mechanical Design, Transactions of the ASME, 2008, 130, .	2.9	82
12	An accumulative error based adaptive design of experiments for offline metamodeling. Structural and Multidisciplinary Optimization, 2010, 40, 137-155.	3.5	81
13	Non-Gradient Based Parameter Sensitivity Estimation for Single Objective Robust Design Optimization. Journal of Mechanical Design, Transactions of the ASME, 2004, 126, 395-402.	2.9	70
14	Multi-Objective Single Product Robust Optimization: An Integrated Design and Marketing Approach. Journal of Mechanical Design, Transactions of the ASME, 2006, 128, 884-892.	2.9	63
15	A multi-objective genetic algorithm for robust design optimization. , 2005, , .		59
16	A decision support system for product design selection: A generalized purchase modeling approach. Decision Support Systems, 2006, 42, 333-350.	5.9	58
17	Bayesian meta-modelling of engineering design simulations: a sequential approach with adaptation to irregularities in the response behaviour. International Journal for Numerical Methods in Engineering, 2005, 62, 2104-2126.	2.8	57
18	Multi-Level Design Optimization Using Global Monotonicity Analysis. Journal of Mechanisms, Transmissions, and Automation in Design, 1989, 111, 259-263.	0.2	49

#	ARTICLE	IF	CITATIONS
19	On improving multiobjective genetic algorithms for design optimization. Structural Optimization, 1999, 18, 146.	0.6	49
20	A Feasibility Robust Optimization Method Using Sensitivity Region Concept. Journal of Mechanical Design, Transactions of the ASME, 2005, 127, 858-865.	2.9	45
21	Engineering Product Design Optimization for Retail Channel Acceptance. Journal of Mechanical Design, Transactions of the ASME, 2008, 130, .	2.9	45
22	An Interactive Multistage μ -Inequality Constraint Method For Multiple Objectives Decision Making. Journal of Mechanical Design, Transactions of the ASME, 1998, 120, 678-686.	2.9	44
23	Diversity assessment of Pareto optimal solution sets: an entropy approach. , 0, , .		40
24	A modified Benders decomposition method for efficient robust optimization under interval uncertainty. Structural and Multidisciplinary Optimization, 2011, 44, 259-275.	3.5	40
25	An Information-Theoretic Entropy Metric for Assessing Multi-Objective Optimization Solution Set Quality. Journal of Mechanical Design, Transactions of the ASME, 2003, 125, 655-663.	2.9	39
26	Entropy-based multi-objective genetic algorithm for design optimization. Structural and Multidisciplinary Optimization, 2002, 24, 351-361.	3.5	36
27	Multi-Objective Robust Optimization Under Interval Uncertainty Using Online Approximation and Constraint Cuts. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, .	2.9	36
28	Optimizing thermal design of data center cabinets with a new multi-objective genetic algorithm. Distributed and Parallel Databases, 2007, 21, 167-192.	1.6	35
29	New Approximation Assisted Multi-objective collaborative Robust Optimization (new AA-McRO) under interval uncertainty. Structural and Multidisciplinary Optimization, 2013, 47, 19-35.	3.5	35
30	Retail Channel Structure Impact on Strategic Engineering Product Design. Management Science, 2011, 57, 897-914.	4.1	32
31	Interval Uncertainty-Based Robust Optimization for Convex and Non-Convex Quadratic Programs with Applications in Network Infrastructure Planning. Networks and Spatial Economics, 2011, 11, 159-191.	1.6	32
32	IMMUNE NETWORK SIMULATION WITH MULTIOBJECTIVE GENETIC ALGORITHMS FOR MULTIDISCIPLINARY DESIGN OPTIMIZATION. Engineering Optimization, 2000, 33, 245-260.	2.6	31
33	Improving multi-objective genetic algorithms with adaptive design of experiments and online metamodeling. Structural and Multidisciplinary Optimization, 2009, 37, 447-461.	3.5	31
34	Quality-Assisted Multi-Objective Multidisciplinary Genetic Algorithms. AIAA Journal, 2003, 41, 1752-1762.	2.6	28
35	Design and optimization of a one-degree-of-freedom six-bar leg mechanism for a walking machine. Journal of Field Robotics, 1997, 14, 871-880.	0.7	25
36	Experimental Comparison of Decentralized Task Allocation Algorithms Under Imperfect Communication. IEEE Robotics and Automation Letters, 2020, 5, 572-579.	5.1	25

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37	Optimality and Constrained Derivatives in Two-Level Design Optimization. Journal of Mechanical Design, Transactions of the ASME, 1990, 112, 563-568.	2.9	24
38	Approximation-Assisted Optimization for Novel Compact Heat Exchanger Designs. HVAC and R Research, 2010, 16, 707-728.	0.6	24
39	Decentralized Task Allocation in Multi-Agent Systems Using a Decentralized Genetic Algorithm. , 2020, , .		24
40	Estimating damage size and remaining useful life in degraded structures using deep learning-based multi-source data fusion. Structural Health Monitoring, 2020, 19, 1542-1559.	7.5	23
41	Approximation of multiresponse deterministic engineering simulations: a dependent metamodeling approach. Structural and Multidisciplinary Optimization, 2006, 31, 260-269.	3.5	22
42	Corporate dashboards for integrated business and engineering decisions in oil refineries: An agent-based approach. Decision Support Systems, 2012, 52, 729-741.	5.9	22
43	Risk-Based Path Planning Optimization Methods for Unmanned Aerial Vehicles Over Inhabited Areas1. Journal of Computing and Information Science in Engineering, 2016, 16, .	2.7	21
44	Optimization in the Context of COVID-19 Prediction and Control: A Literature Review. IEEE Access, 2021, 9, 130072-130093.	4.2	21
45	A TWO-LEVEL DECOMPOSITION METHOD FOR DESIGN OPTIMIZATION. Engineering Optimization, 1988, 13, 211-224.	2.6	20
46	On Maximizing Solution Diversity in a Multiobjective Multidisciplinary Genetic Algorithm for Design Optimization. Mechanics Based Design of Structures and Machines, 2004, 32, 491-514.	4.7	20
47	A Customer-Based Expected Utility Metric for Product Design Selection. , 2002, , 421.		19
48	Customer-Driven Product Design Selection Using Web Based User-Generated Content. , 2011, , .		19
49	On improving normal boundary intersection method for generation of Pareto frontier. Structural and Multidisciplinary Optimization, 2012, 46, 839-852.	3.5	19
50	Approximation assisted optimization of headers for new generation of air-cooled heat exchangers. Applied Thermal Engineering, 2013, 61, 817-824.	6.0	19
51	Multi-level Multi-objective Genetic Algorithm Using Entropy to Preserve Diversity. Lecture Notes in Computer Science, 2003, , 148-161.	1.3	19
52	A Genetic Algorithms Based Approach for Multidisciplinary Multiobjective Collaborative Optimization. , 2006, , .		18
53	Interval Uncertainty Reduction and Single-Disciplinary Sensitivity Analysis With Multi-Objective Optimization. Journal of Mechanical Design, Transactions of the ASME, 2009, 131, .	2.9	18
54	Adaptive gradient-assisted robust design optimization under interval uncertainty. Engineering Optimization, 2013, 45, 1287-1307.	2.6	18

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55	Optimal uncertainty reduction for multi-disciplinary multi-output systems using sensitivity analysis. Structural and Multidisciplinary Optimization, 2010, 40, 77-96.	3.5	17
56	Solving mixed-integer robust optimization problems with interval uncertainty using Benders decomposition. Journal of the Operational Research Society, 2015, 66, 664-673.	3.4	17
57	Optimal actuator placement for linear systems with limited number of actuators. , 2017, , .		17
58	Sensitivity analysis for product design selection with an implicit value function. European Journal of Operational Research, 2007, 180, 1245-1259.	5.7	15
59	Communication-Aware Multi-Agent Metareasoning for Decentralized Task Allocation. IEEE Access, 2021, 9, 98712-98730.	4.2	15
60	Multiobjective Optimization of a Leg Mechanism With Various Spring Configurations for Force Reduction. Journal of Mechanical Design, Transactions of the ASME, 1996, 118, 179-185.	2.9	14
61	An Automated Procedure for Local Monotonicity Analysis. Journal of Mechanisms, Transmissions, and Automation in Design, 1984, 106, 82-89.	0.2	13
62	Integrated multi-objective robust optimization and sensitivity analysis with irreducible and reducible interval uncertainty. Engineering Optimization, 2009, 41, 889-908.	2.6	13
63	Customer-Driven Optimal Design for Convergence Products. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, .	2.9	13
64	Strategic Design Decisions for Uncertain Market Systems Using an Agent Based Approach. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, .	2.9	13
65	Two-Level Nonlinear Mixed Discrete-Continuous Optimization-Based Design: An Application to Printed Circuit Board Assemblies. Journal of Electronic Packaging, Transactions of the ASME, 1992, 114, 425-435.	1.8	13
66	A Sequential Information-Theoretic Approach to Design of Computer Experiments. , 2002, , .		12
67	Interactive Product Design Selection With an Implicit Value Function. Journal of Mechanical Design, Transactions of the ASME, 2005, 127, 367-377.	2.9	11
68	An integrated methodology for multiobjective optimal component placement and heat sink sizing. IEEE Transactions on Components and Packaging Technologies, 2005, 28, 869-876.	1.3	11
69	On a Combined Multi-Objective and Feasibility Robustness Method for Design Optimization. , 2004, , .		10
70	Reducible Uncertain Interval Design by Kriging Metamodel Assisted Multi-Objective Optimization. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, .	2.9	10
71	Product Design Selection With Preference and Attribute Variability for an Implicit Value Function. Journal of Mechanical Design, Transactions of the ASME, 2006, 128, 1027-1037.	2.9	9
72	Design Improvement by Sensitivity Analysis Under Interval Uncertainty Using Multi-Objective Optimization. Journal of Mechanical Design, Transactions of the ASME, 2010, 132, .	2.9	9

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73	On Decentralized Optimization for a Class of Multisubsystem Codesign Problems. Journal of Mechanical Design, Transactions of the ASME, 2017, 139, .	2.9	9
74	Fast Multipole Method for Nonlinear, Unsteady Aerodynamic Simulations. , 2018, , .		9
75	A MULTIOBJECTIVE INTERACTIVE SEQUENTIAL HYBRID OPTIMIZATION TECHNIQUE FOR DESIGN DECISION MAKING. Engineering Optimization, 2000, 32, 485-500.	2.6	8
76	Chevron plate heat exchanger optimization using efficient approximation-assisted multi-objective optimization techniques. HVAC and R Research, 2013, 19, 788-799.	0.6	8
77	Maximum Accumulative Error Samplint Strategy for Approximation of Deterministic Engineering Simulations. , 2006, , .		7
78	Worst case deterministic feasibility and multiobjective robustness measures for engineering design optimisation. International Journal of Reliability and Safety, 2006, 1, 40.	0.2	7
79	Robust and Reliability-Based Design. Journal of Mechanical Design, Transactions of the ASME, 2006, 128, 829-831.	2.9	7
80	Improving Multi-Objective Robust Optimization Under Interval Uncertainty Using Worst Possible Point Constraint Cuts. , 2009, , .		7
81	Risk-Based Path Planning Optimization Methods for UAVs Over Inhabited Areas. , 2015, , .		7
82	Dynamic Data-Driven Aeroelastic Response Prediction with Discrete Sensor Observations. , 2018, , .		7
83	A Case for a Knowledge-Based Active Set Strategy. Journal of Mechanisms, Transmissions, and Automation in Design, 1984, 106, 77-81.	0.2	6
84	Heuristic Optimization of Rough-Mill Yield With Production Priorities. Journal of Engineering for Industry, 1991, 113, 108-116.	0.8	6
85	A MULTI-OBJECTIVE HEURISTIC-BASED HYBRID GENETIC ALGORITHM*. Mechanics Based Design of Structures and Machines, 2002, 30, 463-491.	0.6	6
86	Engineering Design, 4th edition. Journal of Mechanical Design, Transactions of the ASME, 2009, 131, .	2.9	6
87	Designing Complex Engineered Systems. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, .	2.9	6
88	Multi-Objective Design and Path Planning Optimization of Unmanned Aerial Vehicles (UAVs). , 2015, , .		6
89	Co-design of linear systems using Generalized Benders Decomposition. Automatica, 2018, 89, 180-193.	5.0	6
90	An Integrated Robust Design and Marketing Approach for Product Design Selection Process. , 2004, , .		6

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91	Parameter Sensitivity Analysis in Two-Level Design Optimization. Journal of Mechanical Design, Transactions of the ASME, 1990, 112, 354-361.	2.9	5
92	A New Class of Six-Bar Mechanisms With Symmetrical Coupler Curves. Journal of Mechanical Design, Transactions of the ASME, 1998, 120, 150-153.	2.9	5
93	A prescriptive production-distribution approach for decision making in new product design. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 1999, 29, 336-348.	2.9	5
94	Multi-objective placement optimization of power electronic devices on liquid cooled heat sinks. , 0, , .		5
95	Cross-Validation Based Single Response Adaptive Design of Experiments for Deterministic Computer Simulations. , 2008, , .		5
96	Minimal Sets of Quality Metrics. Lecture Notes in Computer Science, 2003, , 405-417.	1.3	5
97	Online Data-Driven Prediction of Spatio-Temporal System Behavior Using High-Fidelity Simulations and Sparse Sensor Measurements. Journal of Mechanical Design, Transactions of the ASME, 2021, 143, .	2.9	5
98	Bayesian Approximation-Assisted Optimization Applied to Crashworthiness Design of a Pickup Truck. , 2003, , .		5
99	Tradeoff-driven optimization-based design of mechanical systems. , 1992, , .		4
100	Developing a Prototype Concurrent Design Tool for Composite Topside Structures. Naval Engineers Journal, 1997, 109, 279-290.	0.1	4
101	Semi analytic model for thermal fatigue failure of die attach in power electronic building blocks. , 0, , .		4
102	Multi-objective design of liquid cooled power electronic modules for transient operation. , 0, , .		4
103	Interval Uncertainty Reduction and Single-Disciplinary Sensitivity Analysis With Multi-Objective Optimization. , 2009, , .		4
104	Multicategory Design of Bundled Products for Retail Channels Under Uncertainty and Competition. Journal of Mechanical Design, Transactions of the ASME, 2010, 132, .	2.9	4
105	Optimal structured static output feedback design using generalized benders decomposition. , 2017, , .		4
106	Dynamic Data-Driven Multi-Step-Ahead Prediction with Simulation Data and Sensor Measurements. AIAA Journal, 2019, 57, 2270-2279.	2.6	4
107	Layout Optimization of Multi-Type Sensors and Human Inspection Tools With Probabilistic Detection of Localized Damages for Pipelines. IEEE Access, 2020, 8, 90598-90614.	4.2	4
108	Decentralized Multisubsystem Co-Design Optimization Using Direct Collocation and Decomposition-Based Methods. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	2.9	4

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109	Non-Convex Feasibility Robust Optimization Via Scenario Generation and Local Refinement. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	2.9	4
110	A Cross-Sectional Shape Multiplier Method for Two-Level Optimum Design of Frames. Journal of Mechanical Design, Transactions of the ASME, 1993, 115, 132-142.	2.9	3
111	MULTIOBJECTIVE OPTIMAL DESIGN OF A SIMPLIFIED P4R MECHANISM. Engineering Optimization, 1996, 27, 139-153.	2.6	3
112	Quality Assisted Multi-objective Multi-disciplinary Genetic Algorithms. , 2002, , .		3
113	Online Approximation Assisted Multiobjective Optimization with Space Filling, Variance and Pareto Measures with Space Filling, Variance and Pareto Measures. , 2010, , .		3
114	Planning Unmanned Aerial System (UAS) Takeoff Trajectories To Minimize Third-Party Risk. , 2019, , .		3
115	Fast Multipole Accelerated Unsteady Vortex Lattice Method Based Computations. Journal of Aerospace Information Systems, 2019, 16, 237-248.	1.4	3
116	Metareasoning Structures, Problems, and Modes for Multiagent Systems: A Survey. IEEE Access, 2020, 8, 183080-183089.	4.2	3
117	Dynamic Data-Driven Approach for Unmanned Aircraft Systems and Aeroelastic Response Analysis. , 2018, , 193-211.		3
118	Optimal Design Using a Two-Level Monotonicity-Based Decomposition Method. , 1987, , .		3
119	Surrogate feasibility testing—cutting for single-objective robust optimization under interval uncertainty. Engineering Optimization, 2023, 55, 964-980.	2.6	3
120	A minimax reduction method for multi-objective decomposition-based design optimization. Structural Optimization, 1993, 6, 94-98.	0.6	2
121	A Stress Model for Multiobjective Design Optimization of a Power Electronic Module—, Mechanics Based Design of Structures and Machines, 1999, 27, 163-183.	0.6	2
122	Meta-Modeling of Multi-Response Engineering Simulations. , 2004, , .		2
123	A Kriging Metamodel Assisted Multi-Objective Genetic Algorithm for Design Optimization. , 2006, , 405.		2
124	Multiobjective Collaborative Robust Optimization (McRO) With Interval Uncertainty and Interdisciplinary Uncertainty Propagation. , 2007, , 719.		2
125	Approximation Assisted Multiobjective Optimization With Combined Global and Local Metamodeling. , 2012, , .		2
126	Multi-Objective Robust Optimization Formulations With Operational Flexibility and Discretized Uncertainty. , 2016, , .		2

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127	A new formulation for co-design of linear systems with system matrices having affine design variables. , 2016, , .		2
128	Modeling Unmanned Aerial System (UAS) Risks via Monte Carlo Simulation. , 2019, , .		2
129	Robust Multi-UAV Route Planning Considering UAV Failure. , 2019, , .		2
130	Integrating Optimal Vehicle Routing and Control With Load-Dependent Vehicle Dynamics Using a Confidence Bounds for Trees-Based Approach. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2020, 142, .	1.6	2
131	Product Design Selection With Variability in Preferences for an Implicit Value Function. , 2004, , .		2
132	Some Preliminary Results on the Development and Comparison of a New Multi-Objective Genetic Algorithm. , 2001, , .		2
133	Optimization-Based Design of a Leg Mechanism via Combined Kinematic and Structural Analysis. , 1994, , .		2
134	On the Experimental vs. Numerical Shape Optimization of a Hole in a Tall Beam. , 1988, , .		2
135	A Coupled Algorithmic-Heuristic Approach for Design Optimization. IEEE Transactions on Systems, Man, and Cybernetics, 1987, 17, 289-293.	0.9	1
136	OPTIMIZED REDUNDANCY ALLOCATION FOR ELECTRONIC EQUIPMENT. Engineering Optimization, 1988, 14, 101-114.	2.6	1
137	Optimized hole shapes in a tall beam. Experimental Mechanics, 1989, 29, 424-431.	2.0	1
138	MULTILEVEL MULTIOBJECTIVE OPTIMIZATION IN PRECAST CONCRETE WALL PANEL DESIGN. Engineering Optimization, 1994, 22, 297-322.	2.6	1
139	Interactive Product Design Selection With an Implicit Value Function. , 2002, , 411.		1
140	An Efficient Feasibility Robust Optimization Method Using a Sensitivity Region Concept. , 2004, , 11.		1
141	Engineering Product Design Optimization for Retail Channel Acceptance. , 2006, , 1039.		1
142	Approximation Assisted Multi-objective collaborative Robust Optimization (AA-McRO) Under Interval Uncertainty. , 2010, , .		1
143	A Decentralized Approach for Multi-Subsystem Co-Design Optimization Using Direct Collocation Method. , 2017, , .		1
144	Multi-Category Design of Bundled Products for Retail Channels Considering Demand Uncertainty and Competition. , 2008, , .		1

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145	Design Improvement by Sensitivity Analysis (DISA) Under Interval Uncertainty Using Multi-Objective Optimization. , 2009, , .		1
146	Reducible Uncertain Interval Design (RUID) by Kriging Meta-Model Assisted Multi-Objective Optimization. , 2010, , .		1
147	Some Further Results for a Reduction Method in Nonhierarchical Optimization-Based Design. , 1992, , .		1
148	Optimization-Based Design of Hub-and-Shaft Assemblies for Dual-Wheel Excavators. , 1993, , .		1
149	Verifying Spatiotemporal Systems via Robustness Bounds: An Application to Unmanned Underwater Vehicles. , 2019, , .		1
150	KNOWLEDGE GATHERING FOR HEURISTIC PROGRAMMING IN DESIGN OPTIMIZATION. Engineering Optimization, 1987, 11, 317-326.	2.6	0
151	Reduction method with system analysis for multiobjective optimization-based design. Structural Optimization, 1994, 7, 47-54.	0.6	0
152	Design and control of a walking machine. , 0, , .		0
153	Non-Gradient Based Parameter Sensitivity Estimation for Robust Design Optimization. , 2003, , 121.		0
154	Multi-Disciplinary Multi-Output Global Sensitivity Analysis with Reducible Interval Uncertainty (MIMOSA). , 2008, , .		0
155	Strategic Product Design Decisions for Uncertain Market Systems Using an Agent Based Approach. , 2010, , .		0
156	On Engineering and Systems Design. Journal of Mechanical Design, Transactions of the ASME, 2013, 135, .	2.9	0
157	Acknowledging JMD's Associate and Guest Editors. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, .	2.9	0
158	On Decentralized Optimization for a Class of Multi-Subsystem Co-Design Problems. , 2016, , .		0
159	State of Journal of Mechanical Design: A Five-Year Report (2013â€“2017). Journal of Mechanical Design, Transactions of the ASME, 2017, 139, .	2.9	0
160	Dynamic Data-Driven Spatiotemporal System Behavior Prediction With Simulations and Sensor Measurement Data. , 2018, , .		0
161	Integrating Multi-Vehicle Routing and Control: A Comparison of Three Solution Strategies. , 2018, , .		0
162	On the Entropy of Multi-Objective Design Optimization Solution Sets. , 2002, , .		0

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163	Customer Driven Optimal Design for Convergence Products. , 2011, , .		0
164	A Cross-Sectional Shape Multiplier Method for Two-Level Optimum Design of Frames. , 1990, , .		0
165	A Reduction Method for Nonhierarchichal Optimization-Based Design. , 1992, , .		0
166	Two-Level Nonlinear Mixed Discrete-Continuous Optimization-Based Design: An Application to Printed Circuit Board Assemblies. , 1992, , .		0
167	Multiobjective Optimization of a Leg Mechanism With Various Spring Configurations for Force Reduction. , 1995, , .		0
168	A New Class of Six-Bar Mechanisms With Symmetrical Coupler Curves. , 1996, , .		0
169	The Application of a Concurrent Design Optimization Tool to a Composite Panel for a Naval Ship Structure. , 1996, , .		0
170	An Interactive Multistage μ -Inequality Constraint Method for Multiple Objectives Decision Making. , 1998, , .		0
171	Design for Upstream and Downstream Market Systems With Interoperability Considerations. , 2014, , .		0
172	On a Case Study in Optimization-based Layout Design of Sensors for a Pipeline Using Synthetic Localized Corrosion Data. , 2018, , .		0