Ali E Abbas

List of Publications by Year
in descending order

29 papers	913 citations	567281 15 h-index	580821 25 g-index
35 all docs	35 docs citations	35 times ranked	228 citing authors

#	Article	IF	Citations
1	Attribute Dominance Utility. Decision Analysis, 2005, 2, 185-206.	2.1	99
2	Multiattribute Utility Copulas. Operations Research, 2009, 57, 1367-1383.	1.9	90
3	Utility transversality: a value-based approach. Journal of Multi-Criteria Decision Analysis, 2005, 13, 229-238.	1.9	76
4	One-Switch Independence for Multiattribute Utility Functions. Operations Research, 2011, 59, 764-771.	1.9	71
5	Multiattribute Utility Functions Satisfying Mutual Preferential Independence. Operations Research, 2015, 63, 378-393.	1.9	55
6	Normative decision making with multiattribute performance targets. Journal of Multi-Criteria Decision Analysis, 2009, 16, 67-78.	1.9	54
7	Effective utility functions induced by organizational target€based incentives. Managerial and Decision Economics, 2009, 30, 235-251.	2.5	54
8	General decompositions of multiattribute utility functions with partial utility independence. Journal of Multi-Criteria Decision Analysis, 2010, 17, 37-59.	1.9	53
9	METHODS€"One-Switch Conditions for Multiattribute Utility Functions. Operations Research, 2012, 60, 1199-1212.	1.9	53
10	Utility Copula Functions Matching All Boundary Assessments. Operations Research, 2013, 61, 359-371.	1.9	50
11	Normative target-based decision making. Managerial and Decision Economics, 2005, 26, 373-385.	2.5	43
12	Invariant Utility Functions and Certain Equivalent Transformations. Decision Analysis, 2007, 4, 17-31.	2.1	40
13	CONTROL STRATEGIES FOR PLAYERS IN PURSUIT-EVASION GAMES BASED ON THEIR PREFERENCES. International Game Theory Review, 2014, 16, 1440008.	0.5	31
14	On the Use of Utility Theory in Engineering Design. IEEE Systems Journal, 2018, 12, 1129-1138.	4.6	24
15	Invariance of Multiattribute Utility Functions under Shift Transformations. Results in Mathematics, 2009, 54, 1-13.	0.8	19
16	Bayesian Updating of the Price Elasticity of Uncertain Demand. IEEE Systems Journal, 2016, 10, 136-146.	4.6	14
17	TOOL LIFE PREDICTION USING RANDOM WALK BAYESIAN UPDATING. Machining Science and Technology, 2013, 17, 410-442.	2.5	12
18	Application of Bayesian Inference to Milling Force Modeling. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2014, 136, .	2.2	12

#	Article	IF	Citations
19	Ordinal One-Switch Utility Functions. Operations Research, 2015, 63, 1411-1419.	1.9	10
20	On the sensitivity of the value of information to risk aversion in two-action decision problems. Environment Systems and Decisions, 2014, 34, 24-37.	3.4	7
21	Maximum Entropy Distributions between Upper and Lower Bounds. AIP Conference Proceedings, 2005, , .	0.4	5
22	Incentives versus value in manufacturing systems: An application to high-speed milling. Journal of Manufacturing Systems, 2015, 36, 20-26.	13.9	5
23	Archimedean Utility Copulas with Polynomial Generating Functions. Decision Analysis, 2019, 16, 218-237.	2.1	5
24	From Bayesâ€™ Nets to Utility Nets. AIP Conference Proceedings, 2009, , .	0.4	4
25	Preference Modeling for Government-Owned Large-Scale Complex Engineered Systems: A Satellite Case Study. , 2018, , 513-529.		3
26	On Stochastic Processes with Constant Valuation. , 2009, , .		0
27	Risk-adjusted martingales and the design of â€œindifferenceâ€•gambles. Theory and Decision, 2011, 71, 643-668.	1.0	0
28	A Sensitivity Analysis for the Derived Micromort Value of Life and Death Decisions Using Two Methods for Constructing Utility Functions. , 2019, , .		0
29	Introduction: Special Issue Honoring Kenneth Arrow. Operations Research, 2022, 70, 1293-1295.	1.9	0