

Zeki AyaÄ, PEng

List of Publications by Year in descending order

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31
papers

1,599
citations

471371

17
h-index

501076

28
g-index

31
all docs

31
docs citations

31
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fuzzy AHP Approach to Evaluating Machine Tool Alternatives. <i>Journal of Intelligent Manufacturing</i> , 2006, 17, 179-190.	4.4	300
2	A fuzzy AHP-based simulation approach to concept evaluation in a NPD environment. <i>IIE Transactions</i> , 2005, 37, 827-842.	2.1	191
3	A hybrid approach to concept selection through fuzzy analytic network process. <i>Computers and Industrial Engineering</i> , 2009, 56, 368-379.	3.4	159
4	An intelligent approach to ERP software selection through fuzzy ANP. <i>International Journal of Production Research</i> , 2007, 45, 2169-2194.	4.9	155
5	An integrated approach to evaluating conceptual design alternatives in a new product development environment. <i>International Journal of Production Research</i> , 2005, 43, 687-713.	4.9	122
6	An analytic network process-based approach to concept evaluation in a new product development environment. <i>Journal of Engineering Design</i> , 2007, 18, 209-226.	1.1	83
7	Evaluating machine tool alternatives through modified TOPSIS and alpha-cut based fuzzy ANP. <i>International Journal of Production Economics</i> , 2012, 140, 630-636.	5.1	83
8	An intelligent approach to machine tool selection through fuzzy analytic network process. <i>Journal of Intelligent Manufacturing</i> , 2011, 22, 163-177.	4.4	63
9	A hybrid approach to machine-tool selection through AHP and simulation. <i>International Journal of Production Research</i> , 2007, 45, 2029-2050.	4.9	58
10	A fuzzy QFD approach to determine supply chain management strategies in the dairy industry. <i>Journal of Intelligent Manufacturing</i> , 2013, 24, 1111-1122.	4.4	52
11	A fuzzy AHP-PROMETHEE II approach for evaluation of solar power plant location alternatives in Turkey. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 859-871.	0.8	51
12	An integrated approach to concept evaluation in a new product development. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 991-1005.	4.4	47
13	An analytic-hierarchy-process based simulation model for implementation and analysis of computer-aided systems. <i>International Journal of Production Research</i> , 2002, 40, 3053-3073.	4.9	37
14	Fuzzy AHP-GRA approach to evaluating energy sources: a case of Turkey. <i>International Journal of Energy Sector Management</i> , 2020, 14, 40-58.	1.2	26
15	An integrated approach to evaluating assembly-line design alternatives with equipment selection. <i>Production Planning and Control</i> , 2011, 22, 194-206.	5.8	22
16	Fuzzy ANP-based PROMETHEE II approach for evaluation of machine tool alternatives. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 2223-2235.	0.8	22
17	An intelligent approach to supplier evaluation in automotive sector. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 889-903.	4.4	20
18	A combined fuzzy AHP-simulation approach to CAD software selection. <i>International Journal of General Systems</i> , 2010, 39, 731-756.	1.2	19

#	ARTICLE	IF	CITATIONS
19	A hesitant fuzzy linguistic terms set-based AHP-TOPSIS approach to evaluate ERP software packages. International Journal of Intelligent Computing and Cybernetics, 2020, 14, 54-77.	1.6	17
20	A fuzzy AHP-VIKOR approach for evaluation of educational use simulation software packages. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7699-7710.	0.8	13
21	An intelligent approach for the evaluation of innovation projects. Journal of Intelligent and Fuzzy Systems, 2020, 38, 905-915.	0.8	12
22	A comparison study of fuzzy-based multiple-criteria decision-making methods to evaluating green concept alternatives in a new product development environment. International Journal of Intelligent Computing and Cybernetics, 2021, 14, 412-438.	1.6	12
23	Concept selection with hesitant fuzzy ANP-PROMETHEE II. Journal of Industrial and Production Engineering, 2021, 38, 547-560.	2.1	10
24	A Fuzzy ANP-Based GRA Approach to Evaluate ERP Packages. International Journal of Enterprise Information Systems, 2019, 15, 45-68.	0.6	9
25	An intelligent approach for the evaluation of transformers in a power distribution project. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4133-4145.	0.8	5
26	A fuzzy ANP approach to evaluate computer simulation packages. International Journal of Business and Systems Research, 2016, 10, 332.	0.2	4
27	An approach to evaluate CAM software alternatives. International Journal of Computer Integrated Manufacturing, 2020, 33, 504-514.	2.9	2
28	An Intelligent Approach to Evaluating CAD Software Packages through Hesitant Fuzzy AHP. Journal of Advanced Manufacturing Systems, 0, , .	0.4	2
29	An intelligent approach to CAM software selection. , 2012, , .		1
30	AHP-BASED APPROACH TO EVALUATE SOLAR POWER PLANT LOCATION ALTERNATIVES. , 0, , .		1
31	Achieving Sustainability in Solar Energy Firms in Turkey through Adopting Lean Principles. Sustainability, 2022, 14, 108.	1.6	1