

# Keith W Hipel

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

310  
papers

5,938  
citations

39  
h-index

60  
g-index

344  
ext. papers

7,068  
ext. citations

3  
avg, IF

6.25  
L-index

#	Paper	IF	Citations
310	The graph model for conflicts. <i>Automatica</i> , <b>1987</b> , 23, 41-55	5.7	218
309	Solving Complex Conflicts. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1979</b> , 9, 805-816		189
308	Basin-wide cooperative water resources allocation. <i>European Journal of Operational Research</i> , <b>2008</b> , 190, 798-817	5.6	132
307	The decision support system GMCR in environmental conflict management. <i>Applied Mathematics and Computation</i> , <b>1997</b> , 83, 117-152	2.7	118
306	Non-Cooperative Stability Definitions for Strategic Analysis of Generic Water Resources Conflicts. <i>Water Resources Management</i> , <b>2011</b> , 25, 1949-1977	3.7	109
305	Coalition Analysis in Group Decision Support. <i>Group Decision and Negotiation</i> , <b>2001</b> , 10, 159-175	2.5	109
304	The Graph Model for Conflict Resolution: Past, Present, and Future. <i>Group Decision and Negotiation</i> , <b>2005</b> , 14, 441-460	2.5	108
303	Strength of Preference in the Graph Model for Conflict Resolution. <i>Group Decision and Negotiation</i> , <b>2004</b> , 13, 449-462	2.5	90
302	A case-based distance model for multiple criteria ABC analysis. <i>Computers and Operations Research</i> , <b>2008</b> , 35, 776-796	4.6	88
301	Exploring social dimensions of municipal solid waste management around the globe - A systematic literature review. <i>Waste Management</i> , <b>2016</b> , 56, 3-12	8.6	88
300	Fuzzy Preferences in the Graph Model for Conflict Resolution. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2012</b> , 20, 760-770	8.3	81
299	Coalition analysis in the graph model for conflict resolution. <i>Systems Engineering</i> , <b>2008</b> , 11, 343-359	1.8	72
298	Strength of preference in graph models for multiple-decision-maker conflicts. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 179, 314-327	2.7	71
297	Grey-based PROMETHEE II with application to evaluation of source water protection strategies. <i>Information Sciences</i> , <b>2015</b> , 294, 376-389	7.7	65
296	Status quo analysis in the graph model for conflict resolution. <i>Journal of the Operational Research Society</i> , <b>2005</b> , 56, 699-707	2	65
295	Conflict models in graph form: Solution concepts and their interrelationships. <i>European Journal of Operational Research</i> , <b>1989</b> , 41, 86-100	5.6	65
294	An analysis of influencing factors on municipal solid waste source-separated collection behavior in Guilin, China by Using the Theory of Planned Behavior. <i>Sustainable Cities and Society</i> , <b>2018</b> , 37, 336-343	10.1	65

293	Grey-Based Preference in a Graph Model for Conflict Resolution With Multiple Decision Makers. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 1254-1267	7.3	64
292	Modeling misperceptions in games. <i>Systems Research and Behavioral Science</i> , <b>1988</b> , 33, 207-223		64
291	Matrix Representation of Solution Concepts in Multiple-Decision-Maker Graph Models. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2009</b> , 39, 96-108		62
290	MULTIPLE OBJECTIVE DECISION MAKING IN WATER RESOURCES <sup>1</sup> . <i>Journal of the American Water Resources Association</i> , <b>1992</b> , 28, 3-12	2.1	59
289	Conflict analysis approaches for investigating attitudes and misperceptions in the War of 1812. <i>Journal of Systems Science and Systems Engineering</i> , <b>2007</b> , 16, 181-201	1.2	58
288	Interrelationships among noncooperative and coalition stability concepts. <i>Journal of Systems Science and Systems Engineering</i> , <b>2008</b> , 17, 1-29	1.2	55
287	Conflict Resolution in Construction Disputes Using the Graph Model. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2006</b> , 132, 1043-1052	4.2	54
286	Solution concepts in hypergames. <i>Applied Mathematics and Computation</i> , <b>1989</b> , 34, 147-171	2.7	53
285	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2007</b> , 37, 726-743		52
284	TREND ASSESSMENT OF WATER QUALITY TIME SERIES <sup>1</sup> . <i>Journal of the American Water Resources Association</i> , <b>1983</b> , 19, 537-547	2.1	52
283	Developing Composite Indicators for Agricultural Sustainability Assessment: Effect of Normalization and Aggregation Techniques. <i>Resources</i> , <b>2017</b> , 6, 66	3.7	51
282	Trend analysis methodology for water quality time series. <i>Environmetrics</i> , <b>1991</b> , 2, 169-200	1.3	50
281	Advanced Decision Support for the Graph Model for Conflict Resolution. <i>Journal of Decision Systems</i> , <b>2015</b> , 24, 117-145	1.2	47
280	Mathematical Programming Approaches for Modeling Water Rights Allocation. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2007</b> , 133, 50-59	2.8	46
279	The Role of Emotions in Envisioning Outcomes in Conflict Analysis. <i>Group Decision and Negotiation</i> , <b>2005</b> , 14, 481-500	2.5	46
278	Modeling the Caspian Sea Negotiations. <i>Group Decision and Negotiation</i> , <b>2010</b> , 19, 149-168	2.5	45
277	Inverse Approach to the Graph Model for Conflict Resolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 734-742	7.3	43
276	Conflict Resolution Using the Graph Model: Strategic Interactions in Competition and Cooperation. <i>Studies in Systems, Decision and Control</i> , <b>2018</b> ,	0.8	43

275	Integrating Uncertain Preferences into Status Quo Analysis with Applications to an Environmental Conflict. <i>Group Decision and Negotiation</i> , <b>2005</b> , 14, 461-479	2.5	42
274	Screening in multiple criteria decision analysis. <i>Decision Support Systems</i> , <b>2008</b> , 45, 278-290	5.6	40
273	Decision Support Systems in Water Resources and Environmental Management. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2008</b> , 13, 761-770	1.8	40
272	Development trend forecasting for coherent light generator technology based on patent citation network analysis. <i>Scientometrics</i> , <b>2017</b> , 111, 297-315	3	39
271	Water Diversion Conflicts in China: A Hierarchical Perspective. <i>Water Resources Management</i> , <b>2014</b> , 28, 1823-1837	3.7	38
270	A strategic classification support system for brownfield redevelopment. <i>Environmental Modelling and Software</i> , <b>2009</b> , 24, 647-654	5.2	38
269	Robustness and information levels in case-based multiple criteria sorting. <i>European Journal of Operational Research</i> , <b>2010</b> , 202, 841-852	5.6	38
268	A case-based distance method for screening in multiple-criteria decision aid?. <i>Omega</i> , <b>2008</b> , 36, 373-383	7.2	38
267	Status quo analysis of the Flathead River conflict. <i>Water Resources Research</i> , <b>2004</b> , 40,	5.4	38
266	Metagame Analysis of the Poplar River Conflict. <i>Journal of the Operational Research Society</i> , <b>1980</b> , 31, 377-385	2	38
265	An improved grey relational analysis approach for panel data clustering. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 9105-9116	7.8	37
264	Fuzzy option prioritization for the graph model for conflict resolution. <i>Fuzzy Sets and Systems</i> , <b>2014</b> , 246, 34-48	3.7	36
263	Nationalization of the Suez Canal: A Hypergame Analysis. <i>Journal of Conflict Resolution</i> , <b>1980</b> , 24, 477-493	2	36
262	Using matrices to link conflict evolution and resolution in a graph model. <i>European Journal of Operational Research</i> , <b>2010</b> , 207, 318-329	5.6	35
261	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 765-778	8.3	34
260	Attitude-Based Negotiation Methodology for the Management of Construction Disputes. <i>Journal of Management in Engineering - ASCE</i> , <b>2010</b> , 26, 114-122	5.3	34
259	Multiple levels of preference in interactive strategic decisions. <i>Discrete Applied Mathematics</i> , <b>2009</b> , 157, 3300-3313	1	34
258	A general hierarchical graph model for conflict resolution with application to greenhouse gas emission disputes between USA and China. <i>European Journal of Operational Research</i> , <b>2017</b> , 257, 919-932	5.6	33

257	Conflict analysis in environmental management. <i>Environmetrics</i> , <b>2011</b> , 22, 279-293	1.3	33
256	Adaptive Systems Thinking in Integrated Water Resources Management with Insights into Conflicts over Water Exports. <i>Infor</i> , <b>2008</b> , 46, 51-69	0.5	33
255	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2007</b> , 37, 680-691		33
254	The graph model for conflict resolution with information-gap uncertainty in preferences. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 126, 319-340	2.7	33
253	Metagame analysis of the Garrison Conflict. <i>Water Resources Research</i> , <b>1980</b> , 16, 629-637	5.4	33
252	Agent-Based Modeling of Competitive and Cooperative Behavior Under Conflict. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2014</b> , 44, 834-850	7.3	32
251	An integrated multiple criteria preference ranking approach to the Canadian west coast port congestion conflict. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 9181-9190	7.8	31
250	Transboundary Water Policies: Assessment, Comparison and Enhancement. <i>Water Resources Management</i> , <b>2008</b> , 22, 1069-1087	3.7	31
249	A matrix approach to status quo analysis in the graph model for conflict resolution. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 212, 470-480	2.7	29
248	Establishment and optimization of an evaluation index system for brownfield redevelopment projects: An empirical study. <i>Environmental Modelling and Software</i> , <b>2015</b> , 74, 173-182	5.2	28
247	Strategic Investigations of Water Conflicts in the Middle East. <i>Group Decision and Negotiation</i> , <b>2014</b> , 23, 355-376	2.5	28
246	Fuzzy preferences in conflicts. <i>Journal of Systems Science and Systems Engineering</i> , <b>2008</b> , 17, 257-276	1.2	28
245	System of systems engineering and risk management of extreme events: concepts and case study. <i>Risk Analysis</i> , <b>2012</b> , 32, 1935-55	3.9	27
244	A Decision Rule Aggregation Approach to Multiple Criteria-Multiple Participant Sorting. <i>Group Decision and Negotiation</i> , <b>2012</b> , 21, 727-745	2.5	27
243	Strategic decision making for improved environmental security: Coalitions and attitudes. <i>Journal of Systems Science and Systems Engineering</i> , <b>2009</b> , 18, 461-476	1.2	27
242	Trade versus the environment: Strategic settlement from a systems engineering perspective. <i>Systems Engineering</i> , <b>2005</b> , 8, 211-233	1.8	27
241	A procedure for analyzing hypergames. <i>European Journal of Operational Research</i> , <b>1984</b> , 18, 111-122	5.6	27
240	Combining strength and uncertainty for preferences in the graph model for conflict resolution with multiple decision makers. <i>Theory and Decision</i> , <b>2010</b> , 69, 497-521	0.8	26

239	Multiple criteria classification with an application in water resources planning. <i>Computers and Operations Research</i> , <b>2006</b> , 33, 3301-3323	4.6	26
238	Matrix Representation of Conflict Resolution in Multiple-Decision-Maker Graph Models with Preference Uncertainty. <i>Group Decision and Negotiation</i> , <b>2011</b> , 20, 755-779	2.5	25
237	Water Allocation among Multiple Stakeholders: Conflict Analysis of the Waiahole Water Project, Hawaii. <i>International Journal of Water Resources Development</i> , <b>2005</b> , 21, 283-295	3	25
236	Strategic analysis of a water rights conflict in the south western United States. <i>Journal of Environmental Management</i> , <b>2016</b> , 180, 247-56	7.9	25
235	Policy Equilibrium and Generalized Metarationalities for Multiple Decision-Maker Conflicts. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2007</b> , 37, 456-463		24
234	TIME SERIES ANALYSIS IN PERSPECTIVE1. <i>Journal of the American Water Resources Association</i> , <b>1985</b> , 21, 609-623	2.1	24
233	An Interactive Portfolio Decision Analysis Approach for System-of-Systems Architecting Using the Graph Model for Conflict Resolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2014</b> , 44, 1328-1346	7.3	23
232	Generalized metarationalities in the graph model for conflict resolution. <i>Discrete Applied Mathematics</i> , <b>2006</b> , 154, 2430-2443	1	23
231	A coalition analysis algorithm with application to the Zimbabwe conflict. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1983</b> , SMC-13, 338-352		23
230	Incorporating Water Demand Management into a Cooperative Water Allocation Framework. <i>Water Resources Management</i> , <b>2016</b> , 30, 2997-3012	3.7	23
229	Elimination Method of Multi-Criteria Decision Analysis (MCDA): A Simple Methodological Approach for Assessing Agricultural Sustainability. <i>Sustainability</i> , <b>2017</b> , 9, 287	3.6	22
228	Power asymmetry in conflict resolution with application to a water pollution dispute in China. <i>Water Resources Research</i> , <b>2015</b> , 51, 8627-8645	5.4	22
227	A hierarchical multiple criteria model for eliciting relative preferences in conflict situations. <i>Journal of Systems Science and Systems Engineering</i> , <b>2012</b> , 21, 56-76	1.2	22
226	Negotiation over Costs and Benefits in Brownfield Redevelopment. <i>Group Decision and Negotiation</i> , <b>2011</b> , 20, 509-524	2.5	22
225	Systems Management Study of a Private Brownfield Renovation. <i>Journal of the Urban Planning and Development Division, ASCE</i> , <b>2010</b> , 136, 249-260	2.2	22
224	Advances in Drama Theory for Managing Global Hazards and Disasters. Part I: Theoretical Foundation. <i>Group Decision and Negotiation</i> , <b>2009</b> , 18, 303-316	2.5	22
223	Perceptual Graph Model Systems. <i>Group Decision and Negotiation</i> , <b>2009</b> , 18, 261-277	2.5	22
222	GAME-THEORETIC ANALYSES OF ENFORCEMENT OF ENVIRONMENTAL LAWS AND REGULATIONS1. <i>Journal of the American Water Resources Association</i> , <b>1992</b> , 28, 141-153	2.1	22

221	Interval fuzzy preferences in the graph model for conflict resolution. <i>Fuzzy Optimization and Decision Making</i> , <b>2018</b> , 17, 287-315	5.1	21
220	A data-centric capability-focused approach for system-of-systems architecture modeling and analysis. <i>Systems Engineering</i> , <b>2013</b> , 16, 363-377	1.8	21
219	An extreme-distance approach to multiple criteria ranking. <i>Mathematical and Computer Modelling</i> , <b>2011</b> , 53, 646-658		21
218	Risk and systems theory. <i>Risk Analysis</i> , <b>2002</b> , 22, 1043-57	3.9	21
217	Negotiation support using the Decision Support System GMCR. <i>Group Decision and Negotiation</i> , <b>1996</b> , 5, 371-383	2.5	21
216	Using multi-criteria decision analysis for assessing sustainability of agricultural systems. <i>Sustainable Development</i> , <b>2018</b> , 26, 781-799	6.7	20
215	Matrix representation and extension of coalition analysis in group decision support. <i>Computers and Mathematics With Applications</i> , <b>2010</b> , 60, 1164-1176	2.7	20
214	Strategic Insights into the Jordan River Conflict <b>2007</b> ,		20
213	Canadian bulk water exports: Analyzing the sun belt conflict using the graph model for conflict resolution. <i>Knowledge, Technology and Policy: the International Journal of Knowledge Transfer and Utilization</i> , <b>2002</b> , 14, 145-163		20
212	Hypergame Analysis of the Falkland/Malvinas Conflict. <i>International Studies Quarterly</i> , <b>1988</b> , 32, 335	1.7	20
211	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 2158-2175	7.3	19
210	Long short term memory networks for short-term electric load forecasting <b>2017</b> ,		19
209	Computerized DSS for Construction Conflict Resolution under Uncertainty. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2010</b> , 136, 1249-1257	4.2	19
208	Considering Attitudes in Strategic Negotiation over Brownfield Disputes. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , <b>2010</b> , 2, 240-247	1.7	19
207	System of systems approach to policy development for global food security. <i>Journal of Systems Science and Systems Engineering</i> , <b>2010</b> , 19, 1-21	1.2	19
206	On Achieving Fairness in the Allocation of Scarce Resources: Measurable Principles and Multiple Objective Optimization Approaches. <i>IEEE Systems Journal</i> , <b>2007</b> , 1, 17-28	4.3	19
205	Policy Stable States in the Graph Model for Conflict Resolution. <i>Theory and Decision</i> , <b>2004</b> , 57, 345-365	0.8	19
204	The Pacific Salmon Treaty: A Century of Debate and an Uncertain Future. <i>Group Decision and Negotiation</i> , <b>2005</b> , 14, 501-522	2.5	19

203	The Graph Model for Conflict Resolution: Reflections on Three Decades of Development. <i>Group Decision and Negotiation</i> , <b>2020</b> , 29, 11-60	2.5	19
202	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2013</b> , 43, 1328-1342	7.3	18
201	A matrix-based approach to searching colored paths in a weighted colored multidigraph. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 215, 353-366	2.7	18
200	The salmon aquaculture conflict in British Columbia: A graph model analysis. <i>Ocean and Coastal Management</i> , <b>2005</b> , 48, 571-587	3.9	18
199	Hypergame Analysis of the Lake Biwa Conflict. <i>Water Resources Research</i> , <b>1985</b> , 21, 917-926	5.4	18
198	A Conflict Analysis of the Suez Canal Invasion of 1956. <i>Conflict Management and Peace Science</i> , <b>1980</b> , 5, 27-40	0.9	18
197	Systems methodology for resolving water conflicts: the Zhanghe River water allocation dispute in China. <i>International Journal of Water Resources Development</i> , <b>2015</b> , 31, 106-119	3	17
196	Option prioritization for unknown preference. <i>Journal of Systems Science and Systems Engineering</i> , <b>2016</b> , 25, 39-61	1.2	17
195	Strategic analysis of a brownfield revitalization conflict using the grey-based graph model for conflict resolution. <i>EURO Journal on Decision Processes</i> , <b>2015</b> , 3, 219-248	1.1	17
194	Strategic analysis of the Kyoto Protocol <b>2007</b> ,		17
193	Dominating attitudes in the graph model for conflict resolution. <i>Journal of Systems Science and Systems Engineering</i> , <b>2012</b> , 21, 316-336	1.2	16
192	Integrated Hydrologic-Economic Modeling of Coalitions of Stakeholders for Water Allocation in the South Saskatchewan River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2008</b> , 13, 781-792	1.8	16
191	Strategic analysis of the James Bay hydro-electric dispute in Canada. <i>Canadian Journal of Civil Engineering</i> , <b>2005</b> , 32, 868-880	1.3	16
190	Shellfish conflict in Baynes Sound: a strategic perspective. <i>Environmental Management</i> , <b>2004</b> , 34, 474-863,1		16
189	A decision support system for the graph model of conflicts. <i>Theory and Decision</i> , <b>1990</b> , 28, 289-311	0.8	16
188	Matrix representations of the inverse problem in the graph model for conflict resolution. <i>European Journal of Operational Research</i> , <b>2018</b> , 270, 282-293	5.6	15
187	Facilitating risky project negotiation: An integrated approach using fuzzy real options, multicriteria analysis, and conflict analysis. <i>Information Sciences</i> , <b>2015</b> , 295, 544-557	7.7	15
186	An integrated algebraic approach to conflict resolution with three-level preference. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 216, 693-707	2.7	15



185	A case-based reasoning system for conflict resolution: design and implementation. <i>Engineering Applications of Artificial Intelligence</i> , <b>2002</b> , 15, 369-383	7.2	15
184	Strategic and Dilemma Analyses of a Water Export Conflict. <i>Infor</i> , <b>2005</b> , 43, 247-270	0.5	15
183	Conflict Analysis Methods: The Graph Model for Conflict Resolution. <i>Advances in Group Decision and Negotiation</i> , <b>2010</b> , 203-222	0.1	15
182	A New Approach to Coalition Analysis Within the Graph Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 2231-2241	7.3	15
181	Fair water resources allocation with application to the south saskatchewan river basin. <i>Canadian Water Resources Journal</i> , <b>2013</b> , 38, 47-60	1.7	14
180	Combined strategic and tactical negotiation methodology for resolving complex brownfield conflicts. <i>Pesquisa Operacional</i> , <b>2010</b> , 30, 281-304	0.3	14
179	Modeling action-interdependence in multiple criteria decision making. <i>European Journal of Operational Research</i> , <b>1998</b> , 110, 490-508	5.6	14
178	The PROMETHEE Framework for Comparing the Sustainability of Agricultural Systems. <i>Resources</i> , <b>2018</b> , 7, 74	3.7	14
177	Agent-Based Modeling Approach to Investigating the Impact of Water Demand Management. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2018</b> , 144, 04018006	2.8	13
176	Formal Analysis of Multilateral Negotiations Over the Legal Status of the Caspian Sea. <i>Group Decision and Negotiation</i> , <b>2012</b> , 21, 305-329	2.5	13
175	Devils lake emergency outlet diversion conflict. <i>Journal of Environmental Management</i> , <b>2011</b> , 92, 437-477.9		13
174	A formal analysis of the Canada-U.S. softwood lumber dispute. <i>European Journal of Operational Research</i> , <b>1990</b> , 46, 235-246	5.6	13
173	A hybrid project portfolio selection procedure with historical performance consideration. <i>Expert Systems With Applications</i> , <b>2020</b> , 142, 113003	7.8	13
172	An ordinal classification of brownfield remediation projects in China for the allocation of government funding. <i>Land Use Policy</i> , <b>2018</b> , 77, 220-230	5.6	13
171	Project portfolio selection and scheduling under a fuzzy environment. <i>Memetic Computing</i> , <b>2019</b> , 11, 391-406	3.4	12
170	Coalition fuzzy stability analysis in the Graph Model for Conflict Resolution. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2015</b> , 29, 593-607	1.6	12
169	Fuzzy Real Options in Brownfield Redevelopment Evaluation. <i>Journal of Applied Mathematics and Decision Sciences</i> , <b>2009</b> , 2009, 1-16		12
168	Advances in Drama Theory for Managing Global Hazards and Disasters. Part II: Coping with Global Climate Change and Environmental Catastrophe. <i>Group Decision and Negotiation</i> , <b>2009</b> , 18, 317-334	2.5	12

167	The graph model for conflict resolution with incomplete fuzzy reciprocal preference relations. <i>Fuzzy Sets and Systems</i> , <b>2019</b> , 377, 52-70	3.7	12
166	Probabilistic Composition of Preferences in the Graph Model with Application to the New Recife Project. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , <b>2017</b> , 9, 05017004	1.7	11
165	A strategic analysis of the New Brunswick, Canada fracking controversy. <i>Energy Economics</i> , <b>2016</b> , 55, 69-78	8.3	11
164	Theory and implementation of coalitional analysis in cooperative decision making. <i>Theory and Decision</i> , <b>2014</b> , 76, 147-171	0.8	11
163	. <i>IEEE Systems Journal</i> , <b>2011</b> , 5, 385-395	4.3	11
162	Prioritizing Long-term Watershed Management Strategies Using Group Decision Analysis. <i>International Journal of Water Resources Development</i> , <b>2005</b> , 21, 297-309	3	11
161	NONPARAMETRIC APPROACHES TO ENVIRONMENTAL IMPACT ASSESSMENT1. <i>Journal of the American Water Resources Association</i> , <b>1988</b> , 24, 487-492	2.1	11
160	Strategic Analysis of a Regulatory Conflict Using Dempster-Shafer Theory and AHP for Preference Elicitation. <i>Journal of Systems Science and Systems Engineering</i> , <b>2019</b> , 28, 415-433	1.2	10
159	Strategic analysis of the Great Canadian Hydroelectric Power Conflict. <i>Energy Strategy Reviews</i> , <b>2014</b> , 4, 43-51	9.8	10
158	A Hierarchical Decision Model to Select Quality Control Strategies for a Complex Product. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2012</b> , 42, 814-826		10
157	Theory and application of conflict resolution with hybrid preference in colored graphs. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 989-1003	4.5	10
156	Multi-criteria decision analysis for infrastructure privatisation using conflict resolution. <i>Structure and Infrastructure Engineering</i> , <b>2011</b> , 7, 661-671	2.9	10
155	Negotiation characteristics in brownfield redevelopment projects <b>2007</b> ,		10
154	Cooperation in conflict analysis. <i>Applied Mathematics and Computation</i> , <b>1991</b> , 43, 181-206	2.7	10
153	Systems methodologies in Vitae Systems of Systems. <i>Journal of Natural Disaster Science</i> , <b>2011</b> , 32, 63-77	0.4	10
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