Maria Jesus Campion

List of Publications by Year
in descending order

36 papers	266 citations	840776 11 h-index	996975 15 g-index
36 all docs	36 docs citations	36 times ranked	93 citing authors

#	Article	IF	Citations
1	Representability of binary relations through fuzzy numbers. Fuzzy Sets and Systems, 2006, 157, 1-19.	2.7	23
2	INTERVAL-VALUED REPRESENTABILITY OF QUALITATIVE DATA: THE CONTINUOUS CASE. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2007, 15, 299-319.	1.9	21
3	The existence of utility functions for weakly continuous preferences on a Banach space. Mathematical Social Sciences, 2006, 51, 227-237.	0.5	20
4	Preorderable topologies and order-representability of topological spaces. Topology and Its Applications, 2009, 156, 2971-2978.	0.4	20
5	Continuous representability of semiorders. Journal of Mathematical Psychology, 2008, 52, 48-54.	1.8	17
6	CONTINUOUS ORDER REPRESENTABILITY PROPERTIES OF TOPOLOGICAL SPACES AND ALGEBRAIC STRUCTURES. Journal of the Korean Mathematical Society, 2012, 49, 449-473.	0.4	15
7	Representable topologies and locally connected spaces. Topology and Its Applications, 2007, 154, 2040-2049.	0.4	13
8	AGGREGATION OF PREFERENCES IN CRISP AND FUZZY SETTINGS: FUNCTIONAL EQUATIONS LEADING TO POSSIBILITY RESULTS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2011, 19, 89-114.	1.9	13
9	Internal Fusion Functions. IEEE Transactions on Fuzzy Systems, 2018, 26, 487-503.	9.8	13
10	ON YI'S EXTENSION PROPERTY FOR TOTALLY PREORDERED TOPOLOGICAL SPACES. Journal of the Korean Mathematical Society, 2006, 43, 159-181.	0.4	13
11	Continuous Utility Functions Through Scales. Theory and Decision, 2008, 64, 479-494.	1.0	12
12	New trends on the permutability equation. Aequationes Mathematicae, 2014, 88, 211-232.	0.8	8
13	Isotonies on ordered cones through the concept of a decreasing scale. Mathematical Social Sciences, 2007, 54, 115-127.	0.5	7
14	Pointwise aggregation of maps: Its structural functional equation and some applications to social choice theory. Fuzzy Sets and Systems, 2017, 325, 137-151.	2.7	7
15	An axiomatic approach to finite means. Information Sciences, 2018, 457-458, 12-28.	6.9	7
16	Aggregation of Individual Rankings Through Fusion Functions: Criticism and Optimality Analysis. IEEE Transactions on Fuzzy Systems, 2022, 30, 638-648.	9.8	7
17	Order Embeddings with Irrational Codomain: Debreu Properties of Real Subsets. Order, 2007, 23, 343-357.	0.5	6
18	Topological interpretations of fuzzy subsets. A unified approach for fuzzy thresholding algorithms. Knowledge-Based Systems, 2013, 54, 163-171.	7.1	5

#	Article	IF	Citations
19	Reinterpreting a fuzzy subset by means of a Sincov's functional equation. Journal of Intelligent and Fuzzy Systems, 2014, 27, 367-375.	1.4	5
20	Binary Relations Coming from Solutions of Functional Equations: Orderings and Fuzzy Subsets. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2017, 25, 19-42.	1.9	5
21	SEMICONTINUOUS PLANAR TOTAL PREORDERS ON NON-SEPARABLE METRIC SPACES. Journal of the Korean Mathematical Society, 2009, 46, 701-711.	0.4	5
22	Entropy of chemical processes versus numerical representability of orderings. Journal of Mathematical Chemistry, 2016, 54, 503-526.	1.5	4
23	Geometrical aggregation of finite fuzzy sets. International Journal of Approximate Reasoning, 2018, 103, 248-266.	3.3	4
24	A Survey on the Mathematical Foundations of Axiomatic Entropy: Representability and Orderings. Axioms, 2018, 7, 29.	1.9	3
25	Decomposition and Arrow-Like Aggregation of Fuzzy Preferences. Mathematics, 2020, 8, 436.	2.2	3
26	Functional equations related to fuzzy sets andÂrepresentable orderings1. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1065-1077.	1.4	2
27	Topologies Generated by Nested Collections. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 545-561.	0.9	2
28	Assigning Numerical Scores to Linguistic Expressions. Axioms, 2017, 6, 19.	1.9	2
29	Functional equations related to weightable quasi-metrics. Hacettepe Journal of Mathematics and Statistics, 2015, 4, .	0.3	2
30	Open Questions in Utility Theory. Studies in Systems, Decision and Control, 2020, , 47-81.	1.0	2
31	A construction method of internal functions. , 2017, , .		0
32	On the Structure of Acyclic Binary Relations. Communications in Computer and Information Science, 2018, , 3-15.	0.5	0
33	A Mathematical Approach to Law and Deal Modelling: Legislation and Agreements. Mathematics, 2021, 9, 1116.	2.2	0
34	First Approach of Type-2 Fuzzy Sets via Fusion Operators. Communications in Computer and Information Science, 2014, , 355-363.	0.5	0
35	Weightable quasi-metrics related to fuzzy sets. Hacettepe Journal of Mathematics and Statistics, 2017, 47, .	0.3	0
36	Fusing Fuzzy Preferences in Contexts of Social Choice: Towards a Topological Structure. Advances in Intelligent Systems and Computing, 2021, , 1301-1308.	0.6	0