

Manuel Ruiz Marin

List of Publications by Year in descending order

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docs citations

79
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Low-Cost Telerehabilitation Paradigm for Bimanual Training. IEEE/ASME Transactions on Mechatronics, 2022, 27, 395-406.	3.7	4
2	Data-Driven Classification of Human Movements in Virtual Reality-Based Serious Games: Preclinical Rehabilitation Study in Citizen Science. JMIR Serious Games, 2022, 10, e27597.	1.7	3
3	Non-parametric analysis of serial dependence in time series using ordinal patterns. Computational Statistics and Data Analysis, 2022, 168, 107381.	0.7	10
4	A spatiotemporal model of firearm ownership in the United States. Patterns, 2022, 3, 100546.	3.1	2
5	Symbolic transfer entropy test for causality in longitudinal data. Economic Modelling, 2021, 94, 649-661.	1.8	19
6	Integrating old and new complexity measures toward automated seizure detection from long-term video EEG recordings. IScience, 2021, 24, 101997.	1.9	3
7	Selection of Embedding Dimension and Delay Time in Phase Space Reconstruction via Symbolic Dynamics. Entropy, 2021, 23, 221.	1.1	22
8	Modeling Human Migration Under Environmental Change: A Case Study of the Effect of Sea Level Rise in Bangladesh. Earth's Future, 2021, 9, e2020EF001931.	2.4	10
9	Statistical Tests of Symbolic Dynamics. Mathematics, 2021, 9, 817.	1.1	1
10	Information Theory and Symbolic Analysis: Theory and Applications. Entropy, 2021, 23, 1361.	1.1	1
11	Quantifying the role of the COVID-19 pandemic in the 2020 U.S. presidential elections. European Physical Journal: Special Topics, 2021, , 1-9.	1.2	1
12	Irrigation Protocols in Different Water Availability Scenarios for "Crimson Seedless"™ Table Grapes under Mediterranean Semi-Arid Conditions. Water (Switzerland), 2021, 13, 22.	1.2	10
13	Network Dynamics in Elemental Assimilation and Metabolism. Entropy, 2021, 23, 1633.	1.1	0
14	An information-theoretic approach to study spatial dependencies in small datasets. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200113.	1.0	3
15	Social distancing at health care centers early in the pandemic helps to protect population from COVID-19. Environmental Research, 2020, 189, 109957.	3.7	11
16	Self-Protection versus Fear of Stricter Firearm Regulations: Examining the Drivers of Firearm Acquisitions in the Aftermath of a Mass Shooting. Patterns, 2020, 1, 100082.	3.1	6
17	A Prototype Framework Design for Assisting the Detection of Atrial Fibrillation Using a Generic Low-Cost Biomedical Sensor. Sensors, 2020, 20, 896.	2.1	1
18	Unequal effects of the national lockdown on mental and social health in Italy. Annali Dell'Istituto Superiore Di Sanita, 2020, 56, 497-501.	0.2	6

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19	Transfer entropy on symbolic recurrences. <i>Chaos</i> , 2019, 29, 063123.	1.0	11
20	Symbolic Recurrence Analysis of RR Interval to Detect Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2019, 8, 1840.	1.0	5
21	A test for deterministic dynamics in spatial processes. <i>Spatial Economic Analysis</i> , 2019, 14, 361-377.	0.8	3
22	A Comparison Study on Criteria to Select the Most Adequate Weighting Matrix. <i>Entropy</i> , 2019, 21, 160.	1.1	12
23	Two Tests for Dependence (of Unknown Form) between Time Series. <i>Entropy</i> , 2019, 21, 878.	1.1	1
24	Application of symbolic recurrence to experimental data, from firearm prevalence to fish swimming. <i>Chaos</i> , 2019, 29, 113128.	1.0	1
25	Inducing non-orthogonal and non-linear decision boundaries in decision trees via interactive basis functions. <i>Expert Systems With Applications</i> , 2019, 122, 183-206.	4.4	12
26	Symbolic correlation integral. <i>Econometric Reviews</i> , 2019, 38, 533-556.	0.5	14
27	Inference on Filtered and Smoothed Probabilities in Markov-Switching Autoregressive Models. <i>Journal of Business and Economic Statistics</i> , 2019, 37, 484-495.	1.8	9
28	Information Flow in a Model of Policy Diffusion: An Analytical Study. <i>IEEE Transactions on Network Science and Engineering</i> , 2018, 5, 42-54.	4.1	15
29	Inference of time-varying networks through transfer entropy, the case of a Boolean network model. <i>Chaos</i> , 2018, 28, 103123.	1.0	12
30	Symbolic recurrence plots to analyze dynamical systems. <i>Chaos</i> , 2018, 28, 063112.	1.0	25
31	Symbolic dynamics of animal interaction. <i>Journal of Theoretical Biology</i> , 2017, 435, 145-156.	0.8	19
32	Plasticity in leaderâ€“follower roles in human teams. <i>Scientific Reports</i> , 2017, 7, 14562.	1.6	9
33	A note on the SG(m) test. <i>Journal of Geographical Systems</i> , 2016, 18, 87-96.	1.9	2
34	Detecting causal relationships between spatial processes. <i>Papers in Regional Science</i> , 2016, 95, 577-595.	1.0	10
35	Selection of Temporal Lags When Modeling Economic and Financial Processes. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 2016, 20, 445-69.	0.2	0
36	Identifying the Most Relevant Lag with Runs. <i>Entropy</i> , 2015, 17, 2706-2722.	1.1	2

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37	Testing for Spatial Independence Using Similarity Relations. <i>Geographical Analysis</i> , 2015, 47, 97-120.	1.9	6
38	Nonparametric correlation integral-based tests for linear and nonlinear stochastic processes. <i>Decisions in Economics and Finance</i> , 2014, 37, 181-193.	1.1	4
39	A permutation entropy based test for causality: The volume-stock price relation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 398, 280-288.	1.2	24
40	The relationship between concentration of scoring and offensive efficiency in the NBA. <i>Journal of Quantitative Analysis in Sports</i> , 2014, 10, .	0.5	0
41	Changing Patterns of Precipitation at the Sooke Reservoir in British Columbia. <i>Atlantic Economic Journal</i> , 2013, 41, 97-113.	0.3	2
42	Development of an indicator to assess the spatial fit of discrete choice models. <i>Transportation Research Part B: Methodological</i> , 2013, 56, 217-233.	2.8	13
43	Detecting Dependence Between Spatial Processes. <i>Spatial Economic Analysis</i> , 2013, 8, 469-497.	0.8	7
44	Measuring Ethnic Clustering and Exposure with the Q Statistic: An Exploratory Analysis of Irish, Germans, and Yankees in 1880 Newark. <i>Annals of the American Association of Geographers</i> , 2012, 102, 84-102.	3.0	20
45	A Method to Analyse Measurement Invariance under Uncertainty in Between-Subjects Design. <i>Spanish Journal of Psychology</i> , 2012, 15, 1510-1519.	1.1	0
46	Detecting the order of spatial dependence via symbolic analysis. <i>International Journal of Geographical Information Science</i> , 2012, 26, 1015-1029.	2.2	3
47	Four tests of independence in spatiotemporal data. <i>Papers in Regional Science</i> , 2011, 90, 663-686.	1.0	27
48	Spatial Symbolic Entropy: A Tool for Detecting the Order of Contiguity. <i>Geographical Analysis</i> , 2011, 43, 228-239.	1.9	7
49	Subgroup separability in integral group rings. <i>Journal of Algebra</i> , 2011, 347, 60-68.	0.4	0
50	Advanced methods and applications in regional science. <i>Annals of Regional Science</i> , 2011, 47, 249-252.	1.0	0
51	D-test: A New Test for Analyzing Scale Invariance Using Symbolic Dynamics and Symbolic Entropy. <i>Methodology</i> , 2011, 7, 88-95.	0.5	4
52	Testing for nonlinear dependence in financial markets. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 2011, 15, 407-18.	0.2	0
53	Testing for spatial association of qualitative data using symbolic dynamics. <i>Journal of Geographical Systems</i> , 2010, 12, 281-309.	1.9	41
54	A non-parametric spatial independence test using symbolic entropy. <i>Regional Science and Urban Economics</i> , 2010, 40, 106-115.	1.4	44

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55	An entropy test for single-locus genetic association analysis. BMC Genetics, 2010, 11, 19.	2.7	25
56	A symbolic test for testing independence between time series. Journal of Time Series Analysis, 2010, 31, 76-85.	0.7	10
57	A new test for chaos and determinism based on symbolic dynamics. Journal of Economic Behavior and Organization, 2010, 76, 600-614.	1.0	18
58	Detecting chaos in a duopoly model via symbolic dynamics. Discrete and Continuous Dynamical Systems - Series B, 2010, 13, 269-278.	0.5	1
59	ANTISYMMETRIC ELEMENTS IN GROUP RINGS II. Journal of Algebra and Its Applications, 2009, 08, 115-127.	0.3	13
60	Antisymmetric elements in group rings with an orientation morphism. Forum Mathematicum, 2009, 21, .	0.3	3
61	Detection of non-linear structure in time series. Economics Letters, 2009, 105, 1-6.	0.9	22
62	Unitary Units Satisfying a Group Identity. Communications in Algebra, 2009, 37, 1729-1738.	0.3	4
63	A non-parametric independence test using permutation entropy. Journal of Econometrics, 2008, 144, 139-155.	3.5	80
64	The Cournotâ€œTheocharis problem reconsidered. Chaos, Solitons and Fractals, 2008, 37, 1025-1039.	2.5	29
65	Free Groups and Subgroups of Finite Index in the Unit Group of an Integral Group Ring. Communications in Algebra, 2007, 35, 2879-2888.	0.3	9
66	A method for studying non-autonomous affine maps: An application to a two-region business cycle modelâ€œ. Chaos, Solitons and Fractals, 2007, 34, 1285-1298.	2.5	1
67	Symmetric units satisfying a group identity. Journal of Algebra, 2007, 308, 742-750.	0.4	7
68	Groups of units of integral group rings commensurable with direct products of free-by-free groups. Advances in Mathematics, 2007, 212, 692-722.	0.5	14
69	On Symmetric Elements and Symmetric Units in Group Rings. Communications in Algebra, 2006, 34, 727-736.	0.3	33
70	The dynamics of a triopoly Cournot game when the competitors operate under capacity constraints. Chaos, Solitons and Fractals, 2006, 28, 403-413.	2.5	19
71	Non-Autonomous Business Cycle Model. , 2006, , 143-178.		0
72	ANTISYMMETRIC ELEMENTS IN GROUP RINGS. Journal of Algebra and Its Applications, 2005, 04, 341-353.	0.3	19

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73	Groups of units of integral group rings of Kleinian type. Transactions of the American Mathematical Society, 2005, 357, 3215-3237.	0.5	9
74	Chaos on MPE-sets of duopoly games. Chaos, Solitons and Fractals, 2004, 19, 179-183.	2.5	10
75	COMPUTING LARGE DIRECT PRODUCTS OF FREE GROUPS IN INTEGRAL GROUP RINGS. Communications in Algebra, 2002, 30, 1751-1767.	0.3	4
76	Distributional Chaos of Cournot maps. Advanced Nonlinear Studies, 2001, 1, 79-87.	0.7	5
77	Spatial partial causality. European Physical Journal: Special Topics, 0, , .	1.2	0