

# Davide La Torre

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8510299/davide-la-torre-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

155  
papers

1,151  
citations

18  
h-index

28  
g-index

174  
ext. papers

1,356  
ext. citations

2  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
155	Financial portfolio management through the goal programming model: Current state-of-the-art. <i>European Journal of Operational Research</i> , <b>2014</b> , 234, 536-545	5.6	88
154	Multi-criteria model for sustainable development using goal programming applied to the United Arab Emirates. <i>Energy Policy</i> , <b>2015</b> , 87, 447-454	7.2	74
153	Fractal-Based Methods in Analysis <b>2012</b> ,		46
152	A Weighted Goal Programming model for planning sustainable development applied to Gulf Cooperation Council Countries. <i>Applied Energy</i> , <b>2017</b> , 185, 1931-1939	10.7	44
151	A generalized stochastic goal programming model. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 215, 4347-4357	2.7	37
150	On a spatial Solow model with technological diffusion and nonconcave production function. <i>Nonlinear Analysis: Real World Applications</i> , <b>2010</b> , 11, 3858-3876	2.1	36
149	A cardinality constrained stochastic goal programming model with satisfaction functions for venture capital investment decision making. <i>Annals of Operations Research</i> , <b>2013</b> , 205, 77-88	3.2	33
148	The Stochastic Goal Programming Model: Theory and Applications. <i>Journal of Multi-Criteria Decision Analysis</i> , <b>2012</b> , 19, 185-200	1.9	31
147	A generalized collage method based upon the LaxMilgram functional for solving boundary value inverse problems. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2009</b> , 71, e1337-e1343	1.3	30
146	Measure-Valued Images, Associated Fractal Transforms, and the Affine Self-Similarity of Images. <i>SIAM Journal on Imaging Sciences</i> , <b>2009</b> , 2, 470-507	1.9	29
145	Contractive multifunctions, fixed point inclusions and iterated multifunction systems. <i>Journal of Mathematical Analysis and Applications</i> , <b>2007</b> , 330, 159-173	1.1	29
144	Endogenous technological progress in a multi-sector growth model. <i>Economic Modelling</i> , <b>2010</b> , 27, 1017-1028	3.4	23
143	Planning sustainable development through a scenario-based stochastic goal programming model. <i>Operational Research</i> , <b>2017</b> , 17, 789-805	1.6	21
142	Pollution diffusion and abatement activities across space and over time. <i>Mathematical Social Sciences</i> , <b>2015</b> , 78, 48-63	0.7	21
141	Random fixed point equations and inverse problems using Collage method for contraction mappings. <i>Journal of Mathematical Analysis and Applications</i> , <b>2007</b> , 334, 1116-1129	1.1	21
140	Optimal Bayesian sequential sampling rules for the economic evaluation of health technologies. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , <b>2014</b> , 177, 419-438	2.1	20
139	Optimal Work Force Allocation for Energy, Economic and Environmental Sustainability in the United Arab Emirates: A Goal Programming Approach. <i>Energy Procedia</i> , <b>2015</b> , 75, 2999-3006	2.3	19

138	Iterated function systems on multifunctions and inverse problems. <i>Journal of Mathematical Analysis and Applications</i> , <b>2008</b> , 340, 1469-1479	1.1	18
137	Environmental sustainability and multifaceted development: multi-criteria decision models with applications. <i>Annals of Operations Research</i> , <b>2020</b> , 293, 405-432	3.2	17
136	Financial contagion and economic development: An epidemiological approach. <i>Journal of Economic Behavior and Organization</i> , <b>2019</b> , 162, 211-228	1.6	16
135	Stochastic technology shocks in an extended Uzawa-Lucas model: closed-form solution and long-run dynamics. <i>Journal of Economics/ Zeitschrift Fur Nationalokonomie</i> , <b>2011</b> , 103, 83-99	1	15
134	Optimal control and long-run dynamics for a spatial economic growth model with physical capital accumulation and pollution diffusion. <i>Applied Mathematics Letters</i> , <b>2013</b> , 26, 908-912	3.5	14
133	Population dynamics and utilitarian criteria in the Lucas-Uzawa Model. <i>Economic Modelling</i> , <b>2012</b> , 29, 1197-1204	3.4	14
132	Pollution Control Under Uncertainty and Sustainability Concern. <i>Environmental and Resource Economics</i> , <b>2017</b> , 67, 885-903	4.4	13
131	Generalized fractal transforms and self-similar objects in cone metric spaces. <i>Computers and Mathematics With Applications</i> , <b>2012</b> , 64, 1761-1769	2.7	13
130	A generalized fractal transform for measure-valued images. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2009</b> , 71, e1598-e1607	1.3	13
129	Galerkin method for constrained variational equations and a collage-based approach to related inverse problems. <i>Journal of Computational and Applied Mathematics</i> , <b>2016</b> , 292, 67-75	2.4	12
128	Inverse Problems via the Generalized Collage Theorem for Vector-Valued Lax-Milgram-Based Variational Problems. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-8	1.1	12
127	Inverse problems for random differential equations using the collage method for random contraction mappings. <i>Journal of Computational and Applied Mathematics</i> , <b>2009</b> , 223, 853-861	2.4	12
126	Solving inverse problems for variational equations using generalized collage methods, with applications to boundary value problems. <i>Nonlinear Analysis: Real World Applications</i> , <b>2010</b> , 11, 3734-3743	2.1	12
125	A comparative simulation study on the IFS distribution function estimator. <i>Nonlinear Analysis: Real World Applications</i> , <b>2005</b> , 6, 858-873	2.1	12
124	A Fuzzy Goal Programming Model for Venture Capital Investment Decision Making. <i>Infor</i> , <b>2014</b> , 52, 138-146	1.4	11
123	The long-run sustainability of the European Union countries. <i>Management Decision</i> , <b>2019</b> , 57, 523-542	4.4	11
122	Dynamics and optimal control in a spatially structured economic growth model with pollution diffusion and environmental taxation. <i>Applied Mathematics Letters</i> , <b>2015</b> , 42, 36-40	3.5	10
121	Solving inverse problems for biological models using the collage method for differential equations. <i>Journal of Mathematical Biology</i> , <b>2013</b> , 67, 25-38	2	10

120	Solving inverse problems for DEs using the Collage Theorem and entropy maximization. <i>Applied Mathematics Letters</i> , <b>2012</b> , 25, 2306-2311	3.5	10
119	MINKOWSKI-ADDITIVE MULTIMEASURES, MONOTONICITY AND SELF-SIMILARITY. <i>Image Analysis and Stereology</i> , <b>2011</b> , 30, 135	1	10
118	Stochastic goal programming model and satisfaction functions for media selection and planning problem. <i>International Journal of Multicriteria Decision Making</i> , <b>2012</b> , 2, 391	0.9	9
117	Approximating distribution functions by iterated function systems. <i>Journal of Applied Mathematics and Decision Sciences</i> , <b>2005</b> , 2005, 33-46		9
116	A polynomial goal programming model with application to energy consumption and emissions in United Arab Emirates <b>2015</b> ,		8
115	A collage-based approach to solving inverse problems for second-order nonlinear parabolic PDEs. <i>Journal of Mathematical Analysis and Applications</i> , <b>2013</b> , 406, 120-133	1.1	8
114	FRACTALS AND SELF-SIMILARITY IN ECONOMICS: THE CASE OF A STOCHASTIC TWO-SECTOR GROWTH MODEL. <i>Image Analysis and Stereology</i> , <b>2011</b> , 30, 143	1	8
113	Optimal control of prevention and treatment in a basic macroeconomic-epidemiological model. <i>Mathematical Social Sciences</i> , <b>2020</b> , 108, 100-108	0.7	8
112	The Monge-Kantorovich Metric on Multimeasures and Self-Similar Multimeasures. <i>Set-Valued and Variational Analysis</i> , <b>2015</b> , 23, 319-331	1	7
111	Economic growth and abatement activities in a stochastic environment: a multi-objective approach. <i>Annals of Operations Research</i> , <b>2018</b> , 267, 321-334	3.2	7
110	Portfolio optimization under partial uncertainty and incomplete information: a probability multimeasure-based approach. <i>Annals of Operations Research</i> , <b>2018</b> , 267, 267-279	3.2	7
109	Solving inverse problems for differential equations by a generalized collage method and application to a mean field stochastic model. <i>Nonlinear Analysis: Real World Applications</i> , <b>2014</b> , 15, 276-289	2.1	7
108	A Goal Programming model with satisfaction function for long-run sustainability in the United Arab Emirates <b>2015</b> ,		7
107	Scalar characterizations of weakly cone-convex and weakly cone-quasiconvex functions. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2010</b> , 72, 1909-1915	1.3	7
106	Epidemics and macroeconomic outcomes: Social distancing intensity and duration. <i>Journal of Mathematical Economics</i> , <b>2021</b> , 93, 102473	0.6	7
105	Team Formation for Human-Artificial Intelligence Collaboration in the Workplace: A Goal Programming Model to Foster Organizational Change. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-11	2.6	7
104	Population and economic growth with human and physical capital investments. <i>International Review of Economics</i> , <b>2009</b> , 56, 17-27	0.7	6
103	Arcwise cone-quasiconvex multicriteria optimization. <i>Operations Research Letters</i> , <b>2010</b> , 38, 143-146	1	6

102	Galerkin schemes and inverse boundary value problems in reflexive Banach spaces. <i>Journal of Computational and Applied Mathematics</i> , <b>2015</b> , 275, 100-112	2.4	5
101	Fractal attractors in economic growth models with random pollution externalities. <i>Chaos</i> , <b>2018</b> , 28, 055916	3.5	5
100	A simple class of fractal transforms for hyperspectral images. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 231, 435-444	2.7	5
99	A Chaos game algorithm for generalized iterated function systems. <i>Applied Mathematics and Computation</i> , <b>2013</b> , 224, 238-249	2.7	5
98	Random measure-valued image functions, fractal transforms and self-similarity. <i>Applied Mathematics Letters</i> , <b>2011</b> , 24, 1405-1410	3.5	5
97	Function-Valued Mappings, Total Variation and Compressed Sensing for diffusion MRI. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 286-295	0.9	5
96	Iterated Function Systems, Iterated Multifunction Systems, and Applications <b>2008</b> , 83-90		5
95	Alternate Direction Method of Multipliers for Unconstrained Structural Similarity-Based Optimization. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 20-29	0.9	5
94	Population and geography do matter for sustainable development. <i>Environment and Development Economics</i> , <b>2019</b> , 24, 201-223	1.8	4
93	ITERATED FUNCTION SYSTEMS WITH PLACE-DEPENDENT PROBABILITIES AND THE INVERSE PROBLEM OF MEASURE APPROXIMATION USING MOMENTS. <i>Fractals</i> , <b>2018</b> , 26, 1850076	3.2	4
92	An inverse problem for a 2-D system of steady-state reaction-diffusion equations on a perforated domain <b>2017</b> ,		4
91	Self-similar measures in multi-sector endogenous growth models. <i>Chaos, Solitons and Fractals</i> , <b>2015</b> , 79, 40-56	9.3	4
90	Iterated Function Systems and stability of variational problems on self-similar objects. <i>Nonlinear Analysis: Real World Applications</i> , <b>2011</b> , 12, 1123-1129	2.1	4
89	GENERALIZED FRACTAL TRANSFORMS AND SELF-SIMILARITY: RECENT RESULTS AND APPLICATIONS. <i>Image Analysis and Stereology</i> , <b>2011</b> , 30, 63	1	4
88	A Goal Programming Model with Satisfaction Function for Risk Management and Optimal Portfolio Diversification. <i>Infor</i> , <b>2012</b> , 50, 117-126	0.5	4
87	On generalized derivatives for $C^{1,1}$ vector optimization problems. <i>Journal of Applied Mathematics</i> , <b>2003</b> , 2003, 365-376	1.1	4
86	Some Weberized $(L^2)$ -Based Methods of Signal/Image Approximation. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 20-29	0.9	4
85	A stochastic dynamic multiobjective model for sustainable decision making. <i>Annals of Operations Research</i> , <b>2020</b> , 293, 539-556	3.2	4

84	IFSM fractal image compression with entropy and sparsity constraints: A sequential quadratic programming approach <b>2017</b> ,		3
83	A stochastic economic growth model with health capital and state-dependent probabilities. <i>Chaos, Solitons and Fractals</i> , <b>2019</b> , 129, 81-93	9.3	3
82	Inverse Problems: Theory and Application to Science and Engineering 2015. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-3	1.1	3
81	Inverse Problems: Theory and Application to Science and Engineering. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-2	1.1	3
80	Fractal-based measure approximation with entropy maximization and sparsity constraints <b>2012</b> ,		3
79	Preface: Recent advances in multiple objective optimization and goal programming. <i>Annals of Operations Research</i> , <b>2021</b> , 296, 1-5	3.2	3
78	Fractal attractors and singular invariant measures in two-sector growth models with random factor shares. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2018</b> , 58, 185-201	3.7	3
77	Stochastic linear optimization under partial uncertainty and incomplete information using the notion of probability multimeasure Please note this paper has been re-typeset by Taylor & Francis from the manuscript originally provided to the previous publisher. View all notes. <i>Journal of the Operational Research Society</i> , <b>2018</b> , 69, 1549-1556	2	3
76	Production optimisation in a pandemic context. <i>International Journal of Production Research</i> , 1-22	7.8	3
75	SELF-SIMILARITY OF SOLUTIONS TO INTEGRAL AND DIFFERENTIAL EQUATIONS WITH RESPECT TO A FRACTAL MEASURE. <i>Fractals</i> , <b>2019</b> , 27, 1950014	3.2	2
74	Optimal control of inequality under uncertainty. <i>Mathematical Social Sciences</i> , <b>2014</b> , 68, 53-59	0.7	2
73	Optimal Control: Theory and Application to Science, Engineering, and Social Sciences. <i>Abstract and Applied Analysis</i> , <b>2015</b> , 2015, 1-2	0.7	2
72	Fractal-Based Methods and Inverse Problems for Differential Equations: Current State of the Art. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-11	1.1	2
71	Government spending and growth in second-best economies. <i>Economic Modelling</i> , <b>2012</b> , 29, 654-663	3.4	2
70	COLLAGE-BASED INVERSE PROBLEMS FOR IFSM WITH ENTROPY MAXIMIZATION AND SPARSITY CONSTRAINTS. <i>Image Analysis and Stereology</i> , <b>2013</b> , 32, 183	1	2
69	Second-order mollified derivatives and optimization. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , <b>2003</b> , 52, 251-262	0.5	2
68	Multiple Criteria Decision Making and Goal Programming for Optimal Venture Capital Investments and Portfolio Management <b>2015</b> , 9-30		2
67	On Dynamic Multiple Criteria Decision Making Models: A Goal Programming Approach <b>2015</b> , 31-48		2

66	Optimality Conditions for Convex Vector Functions by Mollified Derivatives. <i>Lecture Notes in Economics and Mathematical Systems</i> , <b>2007</b> , 327-335	0.4	2
65	Iterated Function Systems on Multifunctions <b>2007</b> , 125-138		2
64	Population dynamics in a spatial Solow model with a convex-concave production function <b>2012</b> , 61-68		2
63	A goal programming model to study the impact of R&D expenditures on sustainability-related criteria: the case of Kazakhstan. <i>Management Decision</i> , <b>2020</b> , 58, 2497-2512	4.4	2
62	Transboundary pollution externalities: Think globally, act locally?. <i>Journal of Mathematical Economics</i> , <b>2021</b> , 102511	0.6	2
61	ITERATED FUNCTION SYSTEMS ON FUNCTIONS OF BOUNDED VARIATION. <i>Fractals</i> , <b>2016</b> , 24, 1650019	3.2	2
60	Dynamic programming and optimal control for vector-valued functions: A state-of-the-art review. <i>RAIRO - Operations Research</i> , <b>2021</b> , 55, S351-S364	2.2	2
59	Optimizing Environmental Taxation on Physical Capital for a Spatially Structured Economic Growth Model Including Pollution Diffusion. <i>Vietnam Journal of Mathematics</i> , <b>2017</b> , 45, 199-206	0.5	1
58	On the theory of function-valued mappings and its application to the processing of hyperspectral images. <i>Signal Processing</i> , <b>2017</b> , 134, 185-196	4.4	1
57	A collage-based approach to solving inverse problems for second-order nonlinear hyperbolic PDEs. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 29, 283-299	3.7	1
56	Stochastic efficiency and inefficiency in portfolio optimization with incomplete information: a set-valued probability approach. <i>Annals of Operations Research</i> , <b>2020</b> , 1	3.2	1
55	Optimization of structural similarity in mathematical imaging. <i>Optimization and Engineering</i> , <b>2020</b> , 1	2.1	1
54	Modelling Investment Optimization on Smallholder Farms through Multiple Criteria Decision Making and Goal Programming: A Case Study from Ethiopia. <i>Infor</i> , <b>2014</b> , 52, 97-107	0.5	1
53	Inverse problems for DEs and PDEs using the collage theorem: a survey. <i>International Journal of Applied Nonlinear Science</i> , <b>2013</b> , 1, 30		1
52	Mean value theorem for continuous vector functions by smooth approximations. <i>Applied Mathematics Letters</i> , <b>2004</b> , 17, 791-794	3.5	1
51	IFSM Representation of Brownian Motion with Applications to Simulation <b>2007</b> , 115-124		1
50	Artificial Intelligence in Healthcare Practice: How to Tackle the Human Challenge. <i>Intelligent Systems Reference Library</i> , <b>2022</b> , 43-60	0.8	1
49	NECESSARY OPTIMALITY CONDITIONS FOR NONSMOOTH VECTOR OPTIMIZATION PROBLEMS. <i>Mathematical Modelling and Analysis</i> , <b>2003</b> , 8, 165-174	1.3	1

48	The Use of Intensity-Based Measures to Produce Image Function Metrics Which Accommodate Weber's Models of Perception. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 326-335	0.9	1
47	Set-valued Nonlinear Fredholm Integral Equations: Direct and Inverse Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2015</b> , 65-71	0.2	1
46	Hyperspectral Images as Function-Valued Mappings, Their Self-similarity and a Class of Fractal Transforms. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 225-234	0.9	1
45	Toward the Realization of the Europe 2020 Agenda for Economic Growth in the European Union: An Empirical Analysis Based on Goal Programming. <i>Forum for Interdisciplinary Mathematics</i> , <b>2020</b> , 199-239	0.2	1
44	Structural Similarity-Based Optimization Problems with $(L^1)$ -Regularization: Smoothing Using Mollifiers. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 33-42	0.9	1
43	Robust generalized Merton-type financial portfolio models with generalized utility. <i>Annals of Operations Research</i> , 1	3.2	1
42	The use of intensity-dependent weight functions to Weberize $(L^2)$ -based methods of signal and image approximation. <i>Optimization and Engineering</i> , 1	2.1	1
41	Exaggeration Quantified: An Intensity-Based Analysis of Posed Facial Expressions <b>2016</b> , 101-128		1
40	The optimal population size under pollution and migration externalities: a spatial control approach. <i>Mathematical Modelling of Natural Phenomena</i> , <b>2019</b> , 14, 104	3	1
39	Goal programming for financial portfolio management: a state-of-the-art review. <i>Operational Research</i> , <b>2019</b> , 19, 717-736	1.6	1
38	A NOTE ON OPTIMAL DEBT REDUCTION POLICIES. <i>Macroeconomic Dynamics</i> , <b>2020</b> , 24, 1850-1860	0.6	1
37	Goal Programming Models for Managerial Strategic Decision Making. <i>Studies in Systems, Decision and Control</i> , <b>2020</b> , 487-507	0.8	1
36	Modeling Shock Propagation on Supply Chain Networks: A Stochastic Logistic-Type Approach. <i>IFIP Advances in Information and Communication Technology</i> , <b>2021</b> , 23-31	0.5	1
35	A Vector Logistic Dynamical Approach to Epidemic Evolution on Interacting Social-Contact and Production-Capacity Graphs. <i>IFIP Advances in Information and Communication Technology</i> , <b>2021</b> , 13-22	0.5	1
34	An inverse problem for a system of steady-state reaction-diffusion equations on a porous domain using a collage-based approach. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1047, 012005	0.3	1
33	Fractals, with Applications to Signal and Image Modeling 307-328		1
32	Modeling portfolio efficiency using stochastic optimization with incomplete information and partial uncertainty. <i>Annals of Operations Research</i> , 1	3.2	0
31	Mobility Choices and Strategic Interactions in a Two-Group Macroeconomic-Epidemiological Model. <i>Dynamic Games and Applications</i> , <b>2021</b> , 1-23	1.1	0



30	Using the generalized collage theorem for estimating unknown parameters in perturbed mixed variational equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2020</b> , 91, 105433	3.7	o
29	Solving inverse problems for steady-state equations using a multiple criteria model with collage distance, entropy, and sparsity. <i>Annals of Operations Research</i> , <b>2020</b> , 1	3.2	o
28	The intensity-based measure approach to Weberize L2-based methods of signal and image approximation. <i>Optimization and Engineering</i> , 1	2.1	o
27	Total Variation Minimization for Measure-Valued Images with Diffusion Spectrum Imaging as Motivation. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 131-137	0.9	o
26	A Generalized Multiple Criteria Data-Fitting Model With Sparsity and Entropy With Application to Growth Forecasting. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-12	2.6	o
25	Posed Facial Expression Detection Using Reflection Symmetry and Structural Similarity. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 218-228	0.9	
24	Fourier transforms of measure-valued images, self-similarity and the inverse problem. <i>Signal Processing</i> , <b>2014</b> , 101, 11-18	4.4	
23	ARCLENGTH AS THE INVARIANT MEASURE FOR AN IFS WITH PROBABILITIES. <i>Fractals</i> , <b>2015</b> , 23, 1550046	6.2	
22	Some Recent Developments in Applied Functional Analysis. <i>Journal of Function Spaces and Applications</i> , <b>2013</b> , 2013, 1-1		
21	The Goal Programming Model: Theory and Applications <b>2013</b> , 397-419		
20	ON RANDOM ITERATED FUNCTION SYSTEMS WITH GREYSCALE MAPS. <i>Image Analysis and Stereology</i> , <b>2012</b> , 31, 109	1	
19	Almost everywhere convex functions on $R_n$ and weak derivatives. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , <b>2001</b> , 50, 405-414	0.5	
18	On Arcwise Connected Convex Multifunctions. <i>Lecture Notes in Economics and Mathematical Systems</i> , <b>2007</b> , 337-345	0.4	
17	Generalized Influence Functions and Robustness Analysis <b>2008</b> , 113-120		
16	Inverse Problems and Total Variation Minimization for Iterated Function Systems on Maps. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2018</b> , 93-103	0.2	
15	Population and Pollution Interactions in a Spatial Economic Model. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2018</b> , 543-552	0.2	
14	Inverse Problems Using Iterated Function Systems with Place-Dependent Probabilities. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2018</b> , 115-125	0.2	
13	Existence, Uniqueness and Asymptotic Behaviour of Intensity-Based Measures Which Conform to a Generalized Weber Model of Perception. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 297-308	0.9	

- 12 Population dynamics in a patch growth model with S-shaped production functions and migration effects **2012**, 69-77
- 11 Inverse Problems in ODEs 151-167
- 10 Denoising of diffusion magnetic resonance images using a modified and differentiable Monge-Kantorovich distance for measure-valued functions. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 91, 105456 3.7
- 9 Sustainability and spatial spillovers in a multicriteria macroeconomic model. *Annals of Operations Research*, **2020**, 1 3.2
- 8 Image Denoising Using Euler-Lagrange Equations for Function-Valued Mappings. *Lecture Notes in Computer Science*, **2016**, 110-119 0.9
- 7 Modelling COVID-19 Ripple Effect and Global Supply Chain Productivity Impacts Using a Reaction-Diffusion Time-Space SIS Model. *IFIP Advances in Information and Communication Technology*, **2021**, 3-12 0.5
- 6 On a Generalized Integro-Differential Spatial Model of Economic Growth. *Springer Proceedings in Mathematics and Statistics*, **2021**, 681-692 0.2
- 5 Differential Equations Using Generalized Derivatives on Fractals. *Springer Proceedings in Mathematics and Statistics*, **2021**, 81-91 0.2
- 4 Solving Parameter Identification Problems using the Collage Distance and Entropy. *Springer Proceedings in Mathematics and Statistics*, **2021**, 167-175 0.2
- 3 Using the Collage Method to Solve Inverse Problems for Vector-Valued Variational Problems on a Perforated Domain in Reflexive Banach Spaces. *Springer Proceedings in Mathematics and Statistics*, **2018**, 105-114 0.2
- 2 Collage theorem-based approaches for solving inverse problems for differential equations: A review of recent developments. *Journal of Physics: Conference Series*, **2018**, 1047, 012004 0.3
- 1 A Computational Study for Solving Inverse Problems for Mixed Variational Equations on Perforated Domains. *Springer Proceedings in Mathematics and Statistics*, **2021**, 277-287 0.2