

# Grazziela P Figueredo

## List of Publications by Year in descending order

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47  
papers

737  
citations

623188

14  
h-index

610482

24  
g-index

50  
all docs

50  
docs citations

50  
times ranked

988  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring self-tracking practices for those with lived experience of bipolar disorder. , 2022, , .		1
2	The Extent of User Involvement in the Design of Self-tracking Technology for Bipolar Disorder: Literature Review. JMIR Mental Health, 2021, 8, e27991.	1.7	4
3	Circulating fibrocytes are not disease-specific prognosticators in idiopathic pulmonary fibrosis. European Respiratory Journal, 2021, 58, 2100172.	3.1	6
4	Discovery of synergistic material-topography combinations to achieve immunomodulatory osteoinductive biomaterials using a novel in vitro screening method: The ChemoTopoChip. Biomaterials, 2021, 271, 120740.	5.7	20
5	Studentsâ€™ Views towards Sars-Cov-2 Mass Asymptomatic Testing, Social Distancing and Self-Isolation in a University Setting during the COVID-19 Pandemic: A Qualitative Study. International Journal of Environmental Research and Public Health, 2021, 18, 4182.	1.2	53
6	Hypoalbuminemia in patients following their recovery from severe coronavirus disease 2019. Journal of Medical Virology, 2021, 93, 4532-4536.	2.5	15
7	Machine learning to determine the main factors affecting creep rates in laser powder bed fusion. Journal of Intelligent Manufacturing, 2021, 32, 2353-2373.	4.4	13
8	Towards a More Reliable Interpretation of Machine Learning Outputs for Safety-Critical Systems Using Feature Importance Fusion. Applied Sciences (Switzerland), 2021, 11, 11854.	1.3	15
9	A Systemic Dynamics Model of Text Production. Journal of Quantitative Linguistics, 2020, 27, 291-320.	0.7	1
10	Using agent-based modelling for investigating modal shift: The case of university travel. Computers and Industrial Engineering, 2020, 139, 106077.	3.4	5
11	Single-Cell Tracking on Polymer Microarrays Reveals the Impact of Surface Chemistry on <i>Pseudomonas aeruginosa</i> Twitching Speed and Biofilm Development. ACS Applied Bio Materials, 2020, 3, 8471-8480.	2.3	6
12	Evaluating the impact of Heavy Goods Vehicle driver monitoring and coaching to reduce risky behaviour. Accident Analysis and Prevention, 2020, 146, 105754.	3.0	20
13	Asymmetric Loss Functions for Deep Learning Early Predictions of Remaining Useful Life in Aerospace Gas Turbine Engines. , 2020, , .		5
14	Subspace-Based Dynamic Selection: A Proof of Concept Using Protein Microarray Data. , 2020, , .		1
15	Immune-Instructive Polymers Control Macrophage Phenotype and Modulate the Foreign Body Response In Vivo. Matter, 2020, 2, 1564-1581.	5.0	70
16	Immune Modulation by Design: Using Topography to Control Human Monocyte Attachment and Macrophage Differentiation. Advanced Science, 2020, 7, 1903392.	5.6	93
17	Discovery of (meth)acrylate polymers that resist colonization by fungi associated with pathogenesis and biodeterioration. Science Advances, 2020, 6, eaba6574.	4.7	29
18	Deep Learning with Dynamically Weighted Loss Function for Sensor-Based Prognostics and Health Management. Sensors, 2020, 20, 723.	2.1	64

#	ARTICLE	IF	CITATIONS
19	A Hybrid Deep Learning Approach for Driver Distraction Detection. , 2020, , .		17
20	Benchmarking Deep Learning Models for Driver Distraction Detection. Lecture Notes in Computer Science, 2020, , 103-117.	1.0	7
21	Dynamic Selection of Classifiers Applied to High-Dimensional Small-Instance Data Sets: Problems and Challenges. Lecture Notes in Computer Science, 2020, , 637-649.	1.0	0
22	Capturing Uncertainty in Heavy Goods Vehicles Driving Behaviour. , 2020, , .		4
23	Evolving Deep CNN-LSTMs for Inventory Time Series Prediction. , 2019, , .		35
24	A Hybrid Evolutionary Strategy to Optimise Early-Stage Cancer Screening. , 2019, , .		0
25	Microarray Feature Selection and Dynamic Selection of Classifiers for Early Detection of Insect Bite Hypersensitivity in Horses. , 2019, , .		2
26	Short and Long term predictions of Hospital emergency department attendances. International Journal of Medical Informatics, 2019, 129, 167-174.	1.6	37
27	PAS3-HSID: a Dynamic Bio-Inspired Approach for Real-Time Hot Spot Identification in Data Streams. Cognitive Computation, 2019, 11, 434-458.	3.6	4
28	Towards Real-Time Heavy Goods Vehicle Driving Behaviour Classification in the United Kingdom. , 2019, , .		7
29	An Intelligent Toolkit for Benchmarking Data-Driven Aerospace Prognostics. , 2019, , .		1
30	Fuzzy Hot Spot Identification for Big Data: An Initial Approach. , 2019, , .		0
31	Identifying Heavy Goods Vehicle Driving Styles in the United Kingdom. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3324-3336.	4.7	16
32	A Simulation-based Optimisation Approach for Inventory Management of Highly Perishable Food. , 2019, , .		2
33	Deep Learning Approaches to Aircraft Maintenance, Repair and Overhaul: A Review. , 2018, , .		15
34	Vehicle Incident Hot Spots Identification: An Approach for Big Data. , 2017, , .		7
35	A signalome screening approach in the autoinflammatory disease TNF receptor associated periodic syndrome (TRAPS) highlights the anti-inflammatory properties of drugs for repurposing. Pharmacological Research, 2017, 125, 188-200.	3.1	7
36	An Immune-Inspired Technique to Identify Heavy Goods Vehicles Incident Hot Spots. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 248-258.	3.4	7

#	ARTICLE	IF	CITATIONS
37	Adaptive Data Communication Interface: A User-Centric Visual Data Interpretation Framework. , 2015, , .		0
38	A Data Analysis Framework to Rank HGV Drivers. , 2015, , .		6
39	Novel in vitro diagnosis of equine allergies using a protein array and mathematical modelling approach: A proof of concept using insect bite hypersensitivity. Veterinary Immunology and Immunopathology, 2015, 167, 171-177.	0.5	22
40	Juxtaposition of System Dynamics and Agent-Based Simulation for a Case Study in Immunosenescence. PLoS ONE, 2015, 10, e0118359.	1.1	6
41	Comparing Stochastic Differential Equations and Agent-Based Modelling and Simulation for Early-Stage Cancer. PLoS ONE, 2014, 9, e95150.	1.1	57
42	Investigating mathematical models of immuno-interactions with early-stage cancer under an agent-based modelling perspective. BMC Bioinformatics, 2013, 14, S6.	1.2	18
43	On-lattice agent-based simulation of populations of cells within the open-source Chaste framework. Interface Focus, 2013, 3, 20120081.	1.5	20
44	An immune-inspired instance selection mechanism for supervised classification. Memetic Computing, 2012, 4, 135-147.	2.7	12
45	Systems Dynamics or Agent-Based Modelling for Immune Simulation?. Lecture Notes in Computer Science, 2011, , 81-94.	1.0	3
46	Evolutionary algorithms to simulate the phylogenesis of a binary artificial immune system. Evolutionary Intelligence, 2008, 1, 133-144.	2.3	2
47	The Use of Agent-Based Simulation to Discover Extreme Cases in Immune-Interactions with Early-Stage Cancer Scenarios. SSRN Electronic Journal, 0, , .	0.4	0