Publicaciones de Juan Romo: 2007-2022

			Posición de Juan	Rosa Lillo	
Año publicación	Título	Nº autores	Romo	coautora	CO-AUTORES NO FUNCIONARIOS DE LA UC3M
2022	Depthgram: Visualizing outliers in high- dimensional functional data with application to fMRI data exploration	5	5		Ana Arribas Gil (Profesora Ayudante Dpto. Estadística UC3M, Titular UC3M 2020),
2021	Censored functional data for incomplete follow-up studies	2	2		Ewa Strzalkowska-Kominiak (investigadora postdoctoral UC3M)
2021	DepthGram: visualizing outliers in high dimensional functional data,	5	5		Ana Arribas Gil (Profesora Ayudante Dpto. Estadística UC3M, Titular UC3M 2020),
2021	Iterative variable selection for high- dimensional data: Prediction of pathological response in triple-negative breast cancer	9	9	Sí	Juan C. Laria (Estudiante Doctorado UC3M)
2021	Band Depth based initialization of k-Means for functional data clustering	3	3		Javier Albert Smet (estudiante predoctoral UC3M), Aurora Torrente (Doctoranda de Juan Romo, profesora visitante UC3M)
2020	Initializing k-means Clustering by Bootstrap and Data Depth	2	2		Aurora Torrente (Doctoranda de Juan Romo, profesora visitante UC3M Profesora titular UC3M 2022)
2020	Variable selection with P-splines in functional linear regression: application in graft-versushost disease	4	4	Sí	Carmen Aguilera Morillo (postdoctoral UC3M)
2020	Roahd package: robust analysis of high dimensional data	4	3		Francesca Leva (Profesora Visitante UC3M),
2020	Automatic elimination of the pectoral muscle in mammograms based on anatomical features	3	3	Sí	
2019	A Kendall correlation coefficient for functional dependence	3	3	Sí	Dalia Valencia (Estudiante Doctorado UC3M Doctoranda de Juan Romo),
2018	Bootstrap-based Inference for Dependence in Multivariate Functional Data	3	3		Francesca Leva (Profesora Visitante UC3M)
2018	Data learning from big data	2	2		José Luis Torrecilla Noguelares (Investigador postdoctoral UC3M) https://es.linkedin.com/in/jos%C3%A9-luis-torrecilla-noguerales-1031a7b9
2018	A novel predictive approach for GVHD after allogeneic SCT based on clinical variables and cytokine gene polymorphisms	28	27	Sí	Carmen Aguilera Morillo (postdoctoral UC3M)
2018	Unsupervised Scalable Statistical Method for Identifying Influential Users in Online Social Networks	8	7	Sí	Arturo Azcorra Saloña (Instituto UC3M-Santander), Luis Chiroque (Estudiante doctorado UC3M), Rubén Cuevas Rumín (profesor Titular UC3M 2018); Antonio Fernández Anta (Research Professor at IMDEA Networks UC3M), Carlos Sguera (Estudiante doctorado UC3M); Henry Laniado Rodas (Estudiante Doctorado UC3M doctorando de Juan Romo)
2018	Homogeneity test for functional data	3	3	Sí	
2016	Functional boxplots based on epigraphs and hypographs	3	3	Sí	Belén Martín Barragán (Profesora Visitante UC3M)

2016	Robust unit roots tests with autoregressive errors	2	2		Marta Moreno (Estudiante doctorado UC3M, Doctoranda de Juan Romo)	
2015	A New Multiple Single-Nucleotide Polymorphisms Based Predictive Model for Grades III to IV and Extensive Graft Versus Host Disease after Identical HLA-Allogeneic Stem-Cell	27	26	Sí	Carmen Aguilera Morillo (postdoctoral UC3M),	
2015	A new predictive model based on the genomic profile of polymorphisms in genes of cytokines allows to predict the independence of posttransplant eicr allogeneic hematopoietic			Sí	Este artículo aparece citado en el Curriculum Vitae de Juan Romo pero No existe. La cita que hace Romo es la siguiente: "A new predictive model based on the genomic profile of polimorphisms in genes of cytokines allows to predict the independence of posttransplant EICR allogeneic hematopoietic", <i>Haematologica</i> 100, 6-7 (con E. Buces, C. Martínez Laperche, C. Aguilera, A. Picornell, R. Lillo et al.). En esta revista no consta Juan Romo como autor.	https://www.uc3m.es/ss/Satelli te?blobcol=urldata&blobheade r=application%2Fpdf&blobhead ername1=Content- Disposition&blobheadername2 =Cache- Control&blobheadervalue1=inli ne%3B+filename%3D%22Curric ulum_Juan_Romo.pdf%22&blo bheadervalue2=private&blobke y=id&blobtable=MungoBlobs& blobwhere=1371571678066&ss binary=true
2015	Discussion of "Multivariate functional outlier detection"	2	2		Ana Arribas Gil (Profesora Ayudante Dpto. Estadística UC3M, Titular UC3M 2020),	
2014	Shape outlier detection and visualization for functional data: the outliergram	2	2		Ana Arribas Gil (Profesora Ayudante Dpto. Estadística UC3M, Titular UC3M 2020),	
2014	Interpretable support vector machines for functional data	3	3	Sí	Belén Martín Barragán (Profesora Visitante UC3M)	
2014	Testing for statistical arbitrage in credit derivatives markets	3	3		Sergio Mayordomo (Junior Research Fellowship, Department of Economics, Universidad Carlos III de Madrid y profesor ayudante UC3M, Doctorando de Juan Romo)	
2014	Robust functional supervised classification for time series	4	4		Andrés Alonso Fernández (Doctorando de Juan Romo, Titular UC3M 2007), Sara Lopez Pintado (Estudiante Doctorado UC3M), David Casado (Profesor Ayudante UC3M doctorando de Juan Romo)	
2013	depthTools: an R package for a robust analysis of gene expres sion data	3	3		Aurora Torrente (Doctoranda de Juan Romo, profesora visitante UC3M), Sara Lopez Pintado (Estudiante Doctorado UC3M)	
2012	Supervised classification of functional data: a weighted derivatives approach	3	3		Andrés Alonso Fernández (Doctorando de Juan Romo, Titular UC3M 2007), David Casado (Profesor Ayudante UC3M doctorando de Juan Romo)	
2012	Robust depth based estimation in the time warping model	2	2		Ana Arribas Gil (Profesora Ayudante Dpto. Estadística UC3M, Titular UC3M 2020),	
2012	Comparing residual quantile residual life functions by confidence bands	3	3	Sí	Alba Franco Pereira (Estudiante Doctorado de Juan Romo y profesora ayudante UC3M)	
2012	Unit roots bootstrap tests under infinite variance	2	2		Marta Moreno (Estudiante doctorado UC3M)	
2012	Portfolio selection through an extremality stochastic order.	4	4	Sí	Henry Laniado (Estudiante doctorado UC3M Doctorando de Juan Romo)	

	Media Mediana	<i>4,5 3,0</i>	<i>4,3 3,0</i>
2007	A depth based inference for functional data	2	2
2009	On the concept of depth for functional data	2	2
2010	Characterization of bathtub distributions via percentile residual life functio ns	3	3
2010	Robust depth based tools for the analysis of gene expression data	3	3
2011	A half region depth for functional data	2	2
2011	Percentile residual life orders	4	3
2011	The effect of liquidity on the price discovery process in credit derivatives markets in times of financial distres	3	2
2011	Extremality for functional data	3	3
2011	Data depth in multivariate statistics	3	3
2011	The percentile residual life up to time t 0 ordering and aging properties	3	3

Ha publicado con los siguientes doctorandos a quienes les ha dirigido la tesis:

Sara López Pintado Alba Franco Pereira

Sergio Mayordomo

Dalia Valencia

Henry Laniado

Ángel López

David Casado

Auroa Torrente

Lorenzo Pascual

Marta Moreno

José Ramón Berrendero

Pedro Delicado

Sí	Alba Franco Pereira (Estudiante Doctorado UC3M, doctoranda de Juan Romo y profesora ayudante UC3M)
	Ignacio Cascos Fernández (Titular UC3M 2009), Ángel López (Doctorando de Juan Romo en la UC3M)
Sí	Alba Franco Pereira (Estudiante Doctorado, doctoranda de Juan Romo y profesora ayudante UC3M)
	Sergio Mayordomo (Junior Research Fellowship, Department of Economics, Universidad Carlos III de Madrid y profesor ayudante UC3M, Doctorando de Juan Romo)
Sí	Alba Franco Pereira (Estudiante Doctorado, doctoranda de Juan Romo y profesora ayudante UC3M)
	Sara Lopez Pintado (Estudiante Doctorado UC3M, Doctoranda de Juan Romo)
	Sara Lopez Pintado (Estudiante Doctorado UC3M, Doctoranda de Juan Romo); Aurora Torrente (Doctoranda de Juan Romo, profesora visitante UC3M)
Sí	Alba Franco Pereira (Estudiante Doctorado, doctoranda de Juan Romo y profesora ayudante UC3M)
	Sara López Pintado (Estudiante Doctorado UC3M, Doctoranda de Juan Romo)
	Sara López Pintado (Estudiante Doctorado UC3M, Doctoranda de Juan Romo)

Publicaciones de Juan Romo hasta el momento de acceder a la Cátedra en la UC3M en 1996.

Año	Título	Revista	Autores	
1986	Generalización del teorema de Hanson y Russo para b-variables aleatorias.	Trabajos de Estadística	Hernández, Víctor; Romo, Juan	
1987	Comentario sobre La enseñanza de la Estadística en la Licenciatura de Matemáticas, de Francisco Javier Girón	Estadística Española	Romo, Juan	Esta nota fue publicada en 1990. Realmente, no es un artículo científico sino una simple nota o valoración del trabajo de otro autor.
1987	Nota sobre Multivariate Empirical Processes, by J.H.J. Einmahl	Trabajos de Estadística	Romo, Juan	No es un artículo científico sino una simple nota o valoración del trabajo de otro autor.
1987	On the type hypothesis for the strong law of large numbers	Probability Letters	Hernández, Víctor; Romo, Juan	
1993	Stable limits for empirical processes on Vapnik Cernovenkis classes of	Journal of Multivariate Analysis	Romo, Juan	
1993	On robustness properties of bootstrap approximations	Journal of Statistical Planning and Inference	Cuevas, Antonio y Romo, Juan	
1994	The bootstrap: a review	Computational Statistics	González Manteiga, W. Prada, J. y Romo, Juan	
1994	Discussion on "The theory of search from a statistical viewpoint", de Wynn y Zhigljavsky	Test	Romo, Juan	No es un artículo científico sino una simple nota o valoración de 2 páginas del trabajo de otro autor.
1994	Técnicas bootstrap en econometríauna introducción	Cuadernos económicos de ICE	Romo, Juan	
1994	The central limit theorem for empirical processes on V-Č classes: A majorizing	Test	Romo, Juan	
1995	On the Estimation of the Influence Curve	The Canadian Journal of Statistics	Cuevas, Antonio and Romo, Juan	
1996	Unit root bootstrap tests for AR (1) models	Biometrika	Ferreti, Nelida and Romo, Juan	

Publicaciones de Ignacio Aedo: 2015-2022

	8		Posición de Ignacio	Paloma Díaz (esposa)	
Año publicación	Título	Nº autores	Aedo	co-autora	CO-AUTORES NO FUNCIONARIOS DE LA UC3M
2022	Connecting citizens with urban environments through an augmented reality pervasive game	4	4	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2022	Engaging educators in the ideation of scenarios for cross- reality game-based learning experiences	4	3	Sí	Telmo Zarraonandía (titular UC3M, 2018), Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2022	Comparing visual representations of collaborative map interfaces for immersive virtual environments	4	4	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2022	IWARN: A people-centered approach for early warning.	5	5	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2021	A Tool for Monitoring and Controlling Standalone Immersive HCI Experiments	4	4	Sí	Alejandro Rey López (alumno de doctorado UC3M de Paloma Díaz); Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2021	Virtual-Reality Based Crisis Management Training for Teachers: An Overview of the VRTEACHER Project	4	2	Sí	
2021	Investigating Augmented Reality Educational Games for Head-Mounted Devices	5	4	Sí	Telmo Zarraonandía (titular UC3M, 2018), Alejandro Rey López (alumno doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2021	Welicit: A Wizard of Oz Tool for VR Elicitation Studies	4	4	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo), Telmo Zarraonandía (titular UC3M, 2018)
2021	Gamification-less: may gamification really foster civic participation? A controlled field experiment	3	3	Sí	Marco Romano (visiting professor UC3M)
2020	Empowering teachers to create augmented reality experiences: the effects on the educational experience	3	3	Sí	Marco Romano (visiting professor UC3M)
2020	Combining Software Engineering and Design Thinking Practices in the Ideation Process of Augmented Digital Experiences	2	2	Sí	
2020	An empirical comparison of interaction styles for map interfaces in immersive virtual environments	5	5	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz); Telmo Zarraonandía (titular UC3M, 2018); Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2020	A taxonomy of online marketing methods	4	4	Sí	Mohammad Hajarian (Visiting professor UC3M)
2019	Magic Flowerpot: An AR Game for Learning about Plants	4	4	Sí	Telmo Zarraonandía (titular UC3M, 2018); Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2019	Do Low Cost Virtual Reality Devices Support Learning Acquisition? A comparative study of two different VR devices	5	4	Sí	Telmo Zarraonandía (titular UC3M, 2018), Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)

2019	Engaging Users with an AR Pervasive Game for Personal Urban Awareness	4	4	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Federico Fabiano (visitante en el DEI lab UC3M)
2019	A Toolkit for Creating Cross-Reality Serious Games	5	5	Sí	Telmo Zarraonandía (titular UC3M, 2018), Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz); Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2019	Using a Google Glass-Based Classroom Feedback System to Improve Students to Teacher Communication	5	4	Sí	Telmo Zarraonandía (titular UC3M, 2018), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz) y Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2019	Designing and implementing interactive and realistic augmented reality experiences	4	4	Sí	Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	Augmented experiences in cultural spaces through social participation	4	4	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2018	The Immersive Bubble Chart: a Semantic and Virtual Reality Visualization for Big Data	4	4	Sí	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	A gamified platform for civic engagement in early warning	3	3	Sí	Marco Romano (visiting professor UC3M)
2018	Exploring interaction mechanisms for map interfaces in virtual reality environments	4	4	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	Evaluating a pervasive game for urban awareness	4	4	Sí	Federico Fabiano (visitante en el DEI lab UC3M), Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz)
2018	A virtual reality map interface for geographical information systems	4	4	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	Improving urban environment awareness through pervasive AR games	3	3	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz)
2018	Investigating augmented reality support for novice users in circuit prototyping	4	4	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo), Alberto Ruiz (Estudiante UC3M)
2018	Designing Affordable Technologies to Integrate Citizens in Early Warning Activities	4	4	Sí	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz), Marco Romano (visiting professor UC3M)
2017	Integrating end users in early ideation and prototyping: lessons from an experience in augmenting physical objects. In: New perspectives in end-user development Book Chapters	3	2	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2017	A Digital Knowledge Ecosystem to Increase Participation in Emergency Warnings and Alerts Management	3	3	Sí	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2017	Using combinatorial creativity to support end-user design of digital games	3	3	Sí	Telmo Zarraonandía (titular UC3M, 2018)
2016	Emergency Management and Smart Cities: Civic Engagement Through Gamification	3	3	Sí	Marco Romano (visiting professor UC3M)
2016	Coproduction as an Approach to Technology-Mediated Citizen Participation in Emergency Management	3	3	Sí	

2016	Exploring the Benefits of Immersive End User Development for Virtual Reality	4	4	Sí	Telmo Zarraonandía (titular UC3M, 2018), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2016	Creating Interactive and Realistic Augmented Reality Experiences	4	4	Sí	Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2016	Inmersive End User Development for Virtual Reality	4	3	Sí	Telmo Zarraonandía (titular UC3M, 2018), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2016	Modeling Games for Adaptive and Personalized Learning	3	3	Sí	Telmo Zarraonandía (titular UC3M, 2018)
2016	Designing Mobile Applications for Emergency Response: Citizens Acting as Human Sensors. Sensors. 16 - 3, pp. 406 - 406.	4	3	Sí	Marco Romano (visiting professor UC3M); Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2016	Software Support for Multitouch Interaction: The End-User Programming Perspective. IEEE Pervasive Computing. 15 - 1, pp. 78 - 86.	4	3	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo); Marco Romano (visiting professor UC3M)
2015	Enabling Social Interaction in the Museum through the Social Display Environment	3	3	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2015	A Platform for Supporting the Development of Mixed Reality Environments for Educational Games	4	4	Sí	Luis Arenas (Estudiante UC3M)
2015	Designing educational games through a conceptual model based on rules and scenarios	4	3	Sí	Telmo Zarraonandía (titular UC3M, 2018); Mario R. Ruíz (alumno doctorado UC3M de Paloma Díaz)
2015	Engineering the Creative Co-design of Augmented Digital Experiences with Cultural Heritage	3	2	Sí	
	Media	3,8	3,5		
	Mediana	4,0	4,0		

Ha publicado con los siguientes doctorandos a quienes les ha dirigido la tesis:

Sara Tena García Andrea Bellucci Pablo Acuña Ruano Susana Montero Moreno David Díez Cebolledo

Publicaciones de Paloma Díaz Pérez: 2015-2022

Año publicación	Título	Nº autores	Posición de Paloma Díaz	Ignacio Aedo (esposo) co-autor	CO-AUTORES NO FUNCIONARIOS DE LA UC3M
2022	Connecting citizens with urban environments through an augmented reality pervasive game	4	4	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M , alumna de doctorado UC3M de Paloma Díaz)
2022	Engaging educators in the ideation of scenarios for cross-reality game-based learning experiences	4	2	Sí	Telmo Zarraonandía (titular UC3M , 2018), Andrea Bellucci (Titular UC3M , 2020, Alumno de doctorado UC3M de Aedo)
2022	Comparing visual representations of collaborative map interfaces for immersive virtual environments	4	3	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M , 2018)
2022	IWARN: A people-centered approach for early warning.	5	1	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2021	A Tool for Monitoring and Controlling Standalone Immersive HCI Experiments	4	3	Sí	Alejandro Rey López (alumno doctorado UC3M de Paloma Díaz); Andrea Bellucci (Titular UC3M , 2020, Alumno de doctorado UC3M de Aedo)
2021	Virtual-Reality Based Crisis Management Training for Teachers: An Overview of the VRTEACHER Project	4	3	Sí	
2021	Investigating Augmented Reality Educational Games for Head- Mounted Devices	5	2	Sí	Telmo Zarraonandía (titular UC3M , 2018), Alejandro Rey López (alumno doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M , alumna de doctorado UC3M de Paloma Díaz)
2021	Welicit: A Wizard of Oz Tool for VR Elicitation Studies	4	3	Sí	Andrea Bellucci (Titular UC3M , 2020, Alumno de doctorado UC3M de Aedo), Telmo Zarraonandía (titular UC3M , 2018)
2021	Gamification-less: may gamification really foster civic participation? A controlled field experiment	3	2	Sí	Marco Romano (visiting professor UC3M)
2020	Empowering teachers to create augmented reality experiences: the effects on the educational experience	3	2	Sí	Marco Romano (visiting professor UC3M)

2020	Combining Software Engineering and Design Thinking Practices in the Ideation Process of Augmented Digital Experiences	2	1	Sí	
2020	An empirical comparison of interaction styles for map interfaces in immersive virtual environments	5	3	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz); Telmo Zarraonandía (titular UC3M, 2018); Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2020	A taxonomy of online marketing methods	4	3	Sí	Mohammad Hajarian (Visiting professor UC3M)
2019	A taxonomy generation tool for semantic visual analysis of large corpus of documents	4	3	No	Belén Carrión (Estudiante predoctoral UC3M), Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2019	Learning in a Digital World: Perspective on Interactive Technologies for Formal and Informal Education	4	1	No	
2019	From social networks to emergency operation centers: A semantic visualization approach	3	2	No	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz), Belén Carrión (Estudiante predoctoral UC3M),
2019	Learning in a Digital World: An Introduction	2	1	No	
2019	Magic Flowerpot: An AR Game for Learning about Plants	4	3	Sí	Telmo Zarraonandía (titular UC3M, 2018); Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2019	Do Low Cost Virtual Reality Devices Support Learning Acquisition? A comparative study of two different VR devices	5	1	Sí	Telmo Zarraonandía (titular UC3M, 2018), Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2019	Engaging Users with an AR Pervasive Game for Personal Urban Awareness	4	2	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz), Federico Fabiano (visitante en el DEI lab UC3M)
2019	A Toolkit for Creating Cross- Reality Serious Games	5	2	Sí	Telmo Zarraonandía (titular UC3M, 2018), Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz); Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2019	Using a Google Glass-Based Classroom Feedback System to Improve Students to Teacher Communication	5	2	Sí	Telmo Zarraonandía (titular UC3M, 2018), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz) y Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2019	Designing and implementing interactive and realistic augmented reality experiences	4	3	Sí	Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	Editorial ICT for Education on no ICT	2	1	No	Telmo Zarraonandía (titular UC3M, 2018)

2018	Augmented experiences in cultural spaces through social participation	4	1	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2018	The Immersive Bubble Chart: a Semantic and Virtual Reality Visualization for Big Data	4	2	Sí	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	A gamified platform for civic engagement in early warning	3	2	Sí	Marco Romano (visiting professor UC3M)
2018	Exploring interaction mechanisms for map interfaces in virtual reality environments	4	3	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	Evaluating a pervasive game for urban awareness	4	3	Sí	Federico Fabiano (visitante en el DEI lab UC3M), Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz)
2018	A virtual reality map interface for geographical information systems	4	3	Sí	Andrés Santos Torres (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2018	Improving urban environment awareness through pervasive AR games	3	2	Sí	Mónica Sánchez de Francisco (alumna de doctorado UC3M de Paloma Díaz)
2018	Investigating augmented reality support for novice users in circuit prototyping	4	3	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo), Alberto Ruiz (alumno doctorado UC3M)
2018	Designing Affordable Technologies to Integrate Citizens in Early Warning Activities	4	1	Sí	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz), Marco Romano (visiting professor UC3M)
2017	Integrating end users in early ideation and prototyping: lessons from an experience in augmenting physical objects. In: New perspectives in end-user development Book Chapters	3	1	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2017	A Digital Knowledge Ecosystem to Increase Participation in Emergency Warnings and Alerts Management	3	1	Sí	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2017	Using combinatorial creativity to support end-user design of digital games	3	2	Sí	Telmo Zarraonandía (titular UC3M, 2018)
2016	Emergency Management and Smart Cities: Civic Engagement Through Gamification	3	2	Sí	Marco Romano (visiting professor UC3M)

2016	Giving meaning to tweets in emergency situations: a semantic approach for filtering and visualizing social data en Information Systems for Crisis Response and Management in Mediterranean Countries Third International Conference, ISCRAM-med 2016, Madrid, Spain, October 26-28, 2016, Proceedings	2	2	No	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2016	Towards a Design Pattern Language to Assist the Design of Alarm Visualizations for Operating Control Systems	2	2	No	Rosa Romero Gómez (alumna de doctorado UC3M de Paloma Díaz)
2016	Exploring the Benefits of Immersive End User Development for Virtual Reality	4	2	Sí	Telmo Zarraonandía (titular UC3M, 2018), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2016	Creating Interactive and Realistic Augmented Reality Experiences	4	3	Sí	Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz), Telmo Zarraonandía (titular UC3M, 2018)
2016	Inmersive End User Development for Virtual Reality	4	2	Sí	Telmo Zarraonandía (titular UC3M, 2018), Álvaro Montero (alumno de doctorado UC3M de Paloma Díaz)
2016	Modeling Games for Adaptive and Personalized Learning	3	2	Sí	Telmo Zarraonandía (titular UC3M, 2018)
2016	Designing Mobile Applications for Emergency Response: Citizens Acting as Human Sensors. Sensors. 16 - 3, pp. 406 - 406.	4	4	Sí	Marco Romano (visiting professor UC3M); Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2016	Software Support for Multitouch Interaction: The End-User Programming Perspective. IEEE Pervasive Computing. 15 - 1, pp. 78 - 86.	4	4	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo); Marco Romano (visiting professor UC3M)
2016	Coproduction as an Approach to Technology-Mediated Citizen Participation in Emergency Management	3	1	sí	
2015	Wall'Tweet: A Knowledge Ecosystem for Supporting Situation Awareness	5	5	No	Teresa Onorati (Visiting professor UC3M, alumna de doctorado UC3M de Paloma Díaz)
2015	Large-Scale Ideation & Deliberation: Tools and Studies in Organizations	4	4	No	

2015	Enabling Social Interaction in the Museum through the Social Display Environment	3	1	Sí	Andrea Bellucci (Titular UC3M, 2020, Alumno de doctorado UC3M de Aedo)
2015	A Platform for Supporting the Development of Mixed Reality Environments for Educational Games	4	3	Sí	Luis Arenas (Estudiante UC3M)
2015	Designing educational games through a conceptual model based on rules and scenarios	4	2	Sí	Telmo Zarraonandía (titular UC3M, 2018); Mario R. Ruíz (alumno doctorado UC3M de Paloma Díaz)
2015	Engineering the Creative Codesign of Augmented Digital Experiences with Cultural Heritage	3	1	Sí	
	Media Mediana	3,7 4,0	2,3 2,0		

Ha publicado con los siguientes doctorandos que ha dirigido la tesis:

Álvaro Montero Montes
Pablo Alejandro Acuña Ruano
Steffen Lohmann
Rosa María Romero Gómez
Susana Montero Moreno
Mario Rafael Ruiz Vargas
Teresa Onorati
Mónica Sánchez de Francisco

Publicaciones de Rosa Elvira Lillo Rodríguez: 2015-2022

			Posición de Rosa	Juan Romo	
Año publicación	Título	Nº autores	Lillo	coautor	CO-AUTORES NO FUNCIONARIOS DE LA UC3M
2022	Detecting and classifying outliers in big functional data	4	3		Oluwasegun Taiwo Ojo (Estudiante Doctorado UC3M Dpto. Estadística); Carlos Sguera (Estudiante UC3M , doctorando de Rosa Lillo)
2022	Fast partial quantile regression	3	3		Álvaro Méndez Civieta (Estudiante Postdoctoral Instituto UC3 M-Santander); Carmen Aguilera Morillo (postdoctoral UC3M)
2022	Robust adjusted discriminant analysis based on shrinkage with application to geochemical and environmental fields	2	2		Elisa Cabana (Estudiante Postdoctoral Instituto UC3M -Santander)
2021	A twist in Intimate Partner Violence Risk Assessment Tools: Gauging the contribution of exogenous and historical variables	5	4		Lara Quijano Sánchez (miembro del Instituto UC3M -Santander de Big Data); Federico Liberatore (miembro del Instituto UC3M -Santander de Big Data);
2021	Towards a mathematical framework to inform neural network modelling via polynomial regression	4	3		Pablo Morala Miguélez (Estudiante doctorado en el Dpto. Estadística de la UC3M); Jenny Alexandra Cifuentes Quintero (estudiante postodoctoral en el Instituto UC3M -Santander de Big Data); Profesor Visitante Dpto. Estadística UC3M .
2021	Accurate Prediction of Children's ADHD Severity Using Family Burden Information: A Neural Lasso Approach	5	5		Juan Carlos Laria de la Cruz (Becario predoctoral UC3M doctorando de Rosa Lillo), David Delgado Gómez (Profesor Titular Dpto. Estadística UC3M en 2018) .
2021	Iterative variable selection for high- dimensional data: Prediction of pathological response in triple- negative breast cancer	9	4	Sí	Juan C. Laria (Estudiante UC3M doctorando de Rosa Lillo)
2021	A bivariate two-state Markov modulated Poisson process for failure modeling	5	2		Yoel G. Yera (Estudiante UC3M , doctorando de Rosa Lillo);
2020	From High-dimensional to Functional Data: StringingVia Manifold Learning. In: Functional andHigh-Dimensional Statistics and Related Fields	3	3		Harold Hernádez Roig (Becario predoctoral Instituto UC3M -Santander)
2020	Adaptive sparse group LASSO in quantile regression	3	3		Álvaro Méndez Civieta (Estudiante Postdoctoral Instituto UC3M -Santander); Carmen Aguilera Morillo (postdoctoral UC3M)
2020	Variable selection with P-splines in functional linear regression: application in graft-versus-host disease	4	3	Sí	Carmen Aguilera Morillo (postdoctoral UC3M)

2020	Automatic elimination of the pectoral muscle in mammograms based on anatomical features	3	2	Sí	
2020	Robust regression based on shrinkage with application to Living Environment Deprivation	3	2		Elisa Cabana (Estudiante Postdoctoral Instituto UC3M -Santander); Henry Laniado Rodas (Estudiante Doctorado UC3M)
2019	Rank tests for functional data based on the epigraph, the hypograph and associated graphical representations	2	2		Alba Franco Perea (Instituto UC3M -Santander de Big Data, doctoranda de Rosa Lillo en la UC3M);
2019	Multivariate outlier detection based on a robust Mahalanobis distance with shrinkage estimators	3	2		Elisa Cabana (Estudiante Postdoctoral Instituto UC3M -Santander); Henry Laniado Rodas (Estudiante Doctorado UC3M)
2019	Fitting procedure for the two-state Batch Markov modulated Poisson process	3	1		Yoel G. Yera (Estudiante UC3M doctorando de Rosa Lillo);
2019	A Kendall correlation coefficient between functional data	3	2	Sí	Dalia Valencia (Estudiante de Doctorando UC3M de Rosa Lillo y Juan Romo)
2019	Author Correction: Unsupervised Scalable Statistical Method for Identifying Influential Users in Online Social Networks	8	6		Arturo Azcorra Saloña (Instituto UC3M -Santander); Luis Chiroque (Estudiante doctorado UC3M), Rubén Cuevas Rumín (profesor Titular UC3M 2018); Carlos Sguera (Estudiante doctorado UC3M doctorando de Rosa Lillo)
2019	On the estimation of extreme directional multivariate quantiles	4	4		Raúl Torres Díaz (Doctorando en la UC3M de Rosa Lillo), Henry Laniado Rodas (Estudiante Doctorado UC3M)
2019	Article has an altmetric score of 1 An Iterative Sparse-Group Lasso	3	3		Juan Carlos Laria de la Cruz (Becario predoctoral UC3M doctorando de Rosa Lillo)), Carmen Aguilera Morillo (postdoctoral UC3M)
2019	Findings about the BMMPP for modeling dependent and simultaneous data in reliability and queueing systems	3	2		Yoel G. Yera (Doctorando UC3M) doctorando de Rosa Lillo)
2018	A novel predictive approach for GVHD after allogeneic SCT based on clinical variables and cytokine gene polymorphisms	13	10	Sí	Carmen Aguilera Morillo (postdoctoral UC3M);
2018	Unsupervised scalable statistical method for identifying influential users in online social networks	8	6	Sí	Arturo Azcorra Saloña (Instituto UC3M -Santander), Luis Chiroque (Estudiante doctorado UC3M), Rubén Cuevas Rumín (profesor Titular UC3M 2018); Carlos Sguera (Estudiante doctorado UC3M doctorando de Rosa Lillo); Henry Laniado Rodas (Estudiante Doctorado UC3M)

2017	Bayesian Analysis of the Stationary MAP(2)	3	2		
2017	Homogeneity test for functional data	3	2	Sí	
2017	Directional multivariate extremes in environmental phenomena	4	4		Raúl Torres Díaz (Doctorando en la UC3M de Rosa Lillo), Henry Laniado Rodas (Estudiante Doctorado UC3M)
2016	Dependence patterns for modeling simultaneous events	3	2		Joanna Rodríguez César (Estudiante Doctorado UC3M doctoranda de Rosa Lillo)
2016	Analytical issues regarding the lack of identifiability of the non-stationary MAP2	3	2		Joanna Rodríguez César (Estudiante Doctorado UC3M doctorando de Rosa Lillo))
2016	Functional outlier detection by a local depth with application to NOx levels	3	3		Carlos Sguera (Estudiante doctorado UC3M doctorando de Rosa Lillo); Pedro Galeano San Miguel (Instituto UC3M -Santander)
2016	Nonidentifiability of the Two-State BMAP	3	2		Joanna Rodríguez César (Estudiante Doctorado UC3M doctorando de Rosa Lillo))
2016	Functional boxplots based on epigraphs and hypographs A new multiple single-nucleotide	3	1	Sí	Belén Martín Barragán (Profesora Visitante UC3M),
2015	polymorphisms based predictive model for grades III to IV and extensive graft versus host disease after identical HI A-allogeneic	6	5		Carmen Aguilera Morillo (postdoctoral UC3M),
2015	A directional multivariate value at risk	3	2		Raúl Torres Díaz (Doctorando en la UC3M de Rosa Lillo), Henry Laniado Rodas (Estudiante Doctorado UC3M)
2015	Likelihood ratio comparisons among spacings related to both one or two samples	2	2		Nuria Torrado Torres (Doctoranda UC3M de Rosa Lillo)
2015	The Mahalanobis Distance for Functional Data With Applications to Classification	3	3		Esdras Joseph (Doctorando UC3M de Rosa Lillo); Pedro Galeano San Miguel (Instituto UC3M -Santander)
2015	Failure modeling of an electrical N-component framework by the non-stationary Markovian arrival process	3	2		Joanna Rodríguez César (Estudiante Doctorado UC3M doctorando de Rosa Lillo)
	Media	4,0	3,0		
	Mediana	3,0	2,5		

Ha publicado con los siguientes doctorandos que ha dirigido la tesis: Jonna Rodríguez César Esdras Joseph Yoel Yera Mora

Juan Carlos Laria de la Cruz

Raúl Torres Díaz

Carlo Sguera

Dalia Valencia

Henry Laniado

Andrea Giuliodori Nuria Torrado Josefa Ramírez Cobo Alba Franco Perea

Publicaciones de Ángel Arias Hernández: 2015-2022

Año publicación	Título	Nº autores	Posición de Ángel Arias	CO-AUTORES NO FUNCIONARIOS DE LA UC3M
2022	Magneto-mechanical system to reproduce and quantify complex strain patterns in biological materials	10	8	Miguel A. Moreno Mateos (Doctorando UC3M); Jorge González Rico (Doctorando UC3M); Clara Gómez Cruz (Doctorando UC3M); María Luisa López Donaire (UC3M), Lucarini (postdoctoral UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2022	New experimental insights into magneto- mechanical rate dependences of magnetorheological elastomers	5	4	M. A. Moreno (Doctorando UC3M); Jorge González Rico (Doctorando UC3M); María Luisa López Donaire (UC3M), Lucarini (postdoctoral UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2021	Tuning the Cell and Biological Tissue Environment through Magneto-Active Materials	7	4	Jorge González Rico (Doctorando UC3M); Leticia Valencia (UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2021	Conductive 3D printed PLA composites: On the interplay of mechanical, electrical and thermal behaviours	7	7	Tirado García (UC3M); Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M);
2021	Influence of elastomeric matrix and particle volume fraction on the mechanical response of magneto-active polymers	5	4	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M); M. A. Moreno (Doctorando UC3M); Leticia Valencia (UC3M);
2020	Failure Behavior of Aluminum Alloys Under Different Stress States	3	3	Marcos Rodríguez Millán (UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2020	Thermo-mechanics of Polymers at Extreme and Failure Conditions: Influence of Strain Rate and Temperature	4	4	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M), Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M)
2020	A continuum constitutive model for FDM 3D printed thermoplastics	3	2	Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2020	Low temperature mechanical behaviour of PVDF: cryogenic pre-treatment, quasi-static, cyclic and dynamic experimental testing and modelling	5	5	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M), Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M)
2020	Design of FDM 3D printed polymers: An experimental-modelling methodology for the prediction of mechanical properties	4	4	Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2020	Temperature and strain rate dependences on hardening and softening behaviours in semi- crystalline polymers: Application to PEEK	3	2	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2019	Strain rate effect on the mechanical behavior of polyamide composites under compression loading	5	5	
2019	Innovative acrylic thermoplastic composites versus conventional composites: Improving the impact performances	7	7	Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),

	Mediana	4,7 4,0	4,3 4,0	
	Media	17	12	
2015	The deterministic nature of the fracture location in the dynamic tensile testing of steel sheets	3	3	Álvaro Vaz-Romero (Doctorando de Ángel Arias);
2015	Mechanical impact behavior of polyether–ether–ketone (PEEK)	4	4	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M)
2015	Low temperature effect on impact energy absorption capability of PEEK composites	4	4	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M); Marcos Rodríguez Millán (profesor ayudante UC3M)
2015	Investigation of mechanical impact behavior of short carbon-fiber-reinforced PEEK composites	4	4	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M), ; Marcos Rodríguez Millán (profesor ayudante UC3M)
2015	High impact velocity on multi-layered composite of polyether ether ketone and aluminium	4	4	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M), ; Marcos Rodríguez Millán (profesor ayudante UC3M); Álvaro Vaz-Romero (Doctorando de Ángel Arias)
2015	Failure behavior of 2024-T3 aluminum under tension-torsion conditions	3	3	Marcos Rodríguez Millán (profesor ayudante UC3M); Álvaro Vaz-Romero (Doctorando de Ángel Arias)
2017	On the mechanical behaviour of PEEK and HA cranial implants under impact loading	8	7	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2017	A hyperelastic-thermoviscoplastic constitutive model for semi-crystalline polymers: Application to PEEK under dynamic loading conditions	3	3	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2018	Influence of Stress State on the Mechanical Impact and Deformation Behaviors of Aluminum Alloys	4	4	Marcos Rodríguez Millán (profesor ayudante UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2018	Perforation mechanics of 2024 aluminium protective plates subjected to impact by different nose shapes of projectiles	5	5	Marcos Rodríguez Millán (profesor ayudante UC3M); Daniel García González (doctorando de Ángel Arias; postdotoral UC3M),
2018	Multi-impact mechanical behaviour of short fibre reinforced composites	3	3	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M), Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M);
2018	A new constitutive model for polymeric matrices: Application to biomedical materials	3	3	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M), Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M);
2018	A continuum mechanics constitutive framework for transverse isotropic soft tissues	5	5	Daniel García González (doctorando de Ángel Arias; postdotoral UC3M), Sara Garzón Hernández (Doctoranda de Ángel Arias; Postdoctoral UC3M);

Ha publicado con los siguientes doctorandos que ha dirigido la tesis:

Sara Garzón Hernández Daniel García González Álvaro Vaz Romero