Pilar Mercader-Moyano

List of Publications by Year
in descending order

37	359	840119 11	839053 18
papers	citations	h-index	g-index

39	39	39	365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective classification and quantification model of C&D waste from material resources consumed in residential building construction. Waste Management and Research, 2013, 31, 458-474.	2.2	61
2	Towards nearly Zero Energy Buildings: Shape optimization of typical housing typologies in Ibero-American temperate climate cities from a holistic perspective. Solar Energy, 2019, 193, 738-765.	2.9	28
3	Estimation of construction and demolition waste in building energy efficiency retrofitting works of the vertical envelope. Journal of Cleaner Production, 2018, 172, 2978-2985.	4.6	25
4	Urban and social vulnerability assessment in the built environment: An interdisciplinary index-methodology towards feasible planning and policy-making under a crisis context. Sustainable Cities and Society, 2021, 73, 103082.	5.1	22
5	Housing and neighbourhood diagnosis for ageing in place: Multidimensional Assessment System of the Built Environment (MASBE). Sustainable Cities and Society, 2020, 62, 102422.	5.1	18
6	CuantificaciÃ³n de los recursos materiales consumidos en la ejecuciÃ³n de la cimentaciÃ³n. Informes De La Construccion, 2010, 62, 125-132.	0.1	18
7	A GIS-based methodology to increase energy flexibility in building cluster through deep renovation: A neighborhood in Seville. Energy and Buildings, 2021, 231, 110573.	3.1	17
8	Multi-objective optimisation model: A housing block retrofit in Seville. Energy and Buildings, 2017, 153, 476-484.	3.1	16
9	Decarbonization and Circular Economy in the Sustainable Development and Renovation of Buildings and Neighbourhoods. Sustainability, 2020, 12, 7914.	1.6	16
10	Modelo de cuantificaciÃ³n de las emisiones de CO₂ producidas en edificaciÃ³n derivadas de los recursos materiales consumidos en su ejecuciÃ³n. Informes De La Construccion, 2012, 64, 401-414.	0.1	15
11	MinimizaciÃ³n del impacto ambiental en la ejecuciÃ³n de fachadas mediante el empleo de materiales reciclados. Informes De La Construccion, 2013, 65, 89-97.	0.1	15
12	The influence of the envelope in the preventive conservation of books and paper records. Case study: Libraries and archives in La Plata, Argentina. Energy and Buildings, 2019, 183, 727-738.	3.1	12
13	Place and memory indicator: Methodology for the formulation of a qualitative indicator, named place and memory, with the intent of contributing to previous works of intervention and restoration of heritage spaces and buildings, in the aspect of sustainability. Sustainable Cities and Society, 2020, 54, 101985.	5.1	11
14	EIAMUO methodology for environmental assessment of the post-war housing estates renovation: Practical application in Seville (Spain). Environmental Impact Assessment Review, 2017, 67, 124-133.	4.4	8
15	The Church Tower of Santiago ApÃ³stol in Montilla: An Eco-Sustainable Rehabilitation Proposal. Sustainability, 2020, 12, 7104.	1.6	8
16	EvaluaciÃ³n de impacto ambiental mediante la introducciÃ³n de indicadores a un modelo BIM de vivienda social. Habitat Sustentable, 2019, 9, 78-93.	0.1	8
17	Eco-Efficient Analysis of a Refurbishment Proposal for a Social Housing. Sustainability, 2020, 12, 6725.	1.6	7
18	Eco-Efficient Ventilated Facades Based on Circular Economy for Residential Buildings as an Improvement of Energy Conditions. Energies, 2021, 14, 7266.	1.6	7

#	Article	IF	Citations
19	Evaluating Environmental Impact in Foundations and Structures through Disaggregated Models: Towards the Decarbonisation of the Construction Sector. Sustainability, 2020, 12, 5150.	1.6	6
20	Modelo de cuantificaciÃ³n del consumo energÃ©tico en edificaciÃ³n. Materiales De Construccion, 2012, 62, 567-582.	0.2	6
21	Methodological Approach for the Development of a Simplified Residential Building Energy Estimation in Temperate Climate. Sustainability, 2019, 11, 4040.	1.6	4
22	Comprehensive Sustainability Assessment of Regenerative Actions on the Thermal Envelope of Obsolete Buildings under Climate Change Perspective. Sustainability, 2020, 12, 5495.	1.6	4
23	Circular Economy and Regenerative Sustainability in Emergency Housing: Eco-Efficient Prototype Design for SubaÄŸi Refugee Camp in Turkey. Sustainability, 2021, 13, 8100.	1.6	4
24	Calculation Methodology to Quantify and Classify Construction Waste. Open Construction and Building Technology Journal, 2011, 5, 131-140.	0.3	4
25	Housing Evaluation Methodology in a Situation of Social Poverty to Guarantee Sustainable Cities: The Satisfaction Dimension for the Case of Mexico. Sustainability, 2021, 13, 11199.	1.6	4
26	A construction and demolition waste management model applied to social housing to trigger post-pandemic economic recovery in Mexico. Waste Management and Research, 2022, 40, 1027-1038.	2.2	3
27	An Environmental Construction and Demolition Waste Management Model to Trigger Post-pandemic Economic Recovery Towards a Circular Economy: The Mexican and Spanish Cases. Environmental Footprints and Eco-design of Products and Processes, 2022, , 83-135.	0.7	3
28	Experimental characterisation of a cement-based compound with recycled aggregates and EPS from rehabilitation work. Revista De La Construccion, 2016, 15, 97-106.	0.5	2
29	Development of New Eco-Efficient Cement-Based Construction Materials and Recycled Fine Aggregates and EPS from CDW. Open Construction and Building Technology Journal, 2017, 11, 381-394.	0.3	2
30	Sistema BIM de cuantificaciÃ³n automÃ¡tica de los residuos de construcciÃ³n y demoliciÃ³n. Estudios Del HÃ¡bitat, 2017, 15, 024.	0.1	2
31	Toward the Renewal of the Sustainable Urban Indicatorsâ€™ System after a Global Health Crisis. Practical Application in Granada, Spain. Energies, 2021, 14, 6188.	1.6	1
32	Sistemas de CertificaciÃ³n en Clima Templado. ARQUISUR Revista, 2017, , 62-77.	0.1	1
33	Sustainability Assessment in Singular Structures, Foundations and Structural Rehabilitation in Spanish Legislation. Open Construction and Building Technology Journal, 2017, 11, 95-109.	0.3	1
34	Steps Towards the Integration of Regeneration Processes Obsolete Buildings Envelope Spanish in the Paradigm of Sustainable Development. , 2017, , 143-152.		0
35	Energy Renovation of Buildings the Skin of a Building 70â€™s Housing Developments in Barcelona Montbauâ€™s Housing Developments Renovation. Open Construction and Building Technology Journal, 2017, 11, 27-64.	0.3	0
36	CaracterizaciÃ³n del Suelo en un Desarrollo Habitacional Sobre Residuos Minero de Pachuca de Soto, Hidalgo. PÃ„DI BoletÃn CientÃfico De Ciencias BÃ¡sicas E IngenierÃas Del ICBI, 2019, 7, 67-75.	0.0	0

#	Article	IF	Citations
37	Special Issue â€œUrban and Buildings Regeneration Strategy to Climatic Change Mitigation, Energy, and Social Poverty after a World Health and Economic Global Crisisâ€• Sustainability, 2021, 13, 11850.	1.6	0