

# Rodrigo GarcÃ-a-Alvarado

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8242082/publications.pdf>

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citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments and Challenges of 3D-Printed Construction: A Review of Research Fronts. Buildings, 2022, 12, 229.	1.4	21
2	Behavior and Performance of BIM Users in a Collaborative Work Environment. Applied Sciences (Switzerland), 2020, 10, 2199.	1.3	17
3	Analysis of Energy-Efficiency Improvements in Single-Family Dwellings in Concepcion, Chile. Open House International, 2014, 39, 57-68.	0.6	16
4	A Comprehensive Performance Evaluation of Different Mobile Manipulators Used as Displaceable 3D Printers of Building Elements for the Construction Industry. Sustainability, 2020, 12, 4378.	1.6	15
5	Parametric Programming of 3D Printed Curved Walls for Cost-Efficient Building Design. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	11
6	Architectural and Management Strategies for The Design, Construction and Operation of Energy Efficient and Intelligent Primary Care Centers in Chile. Sustainability, 2019, 11, 464.	1.6	7
7	Development of Communication Protocols between BIM Elements and 3D Concrete Printing. Applied Sciences (Switzerland), 2021, 11, 7226.	1.3	7
8	Folded Compositions in Architecture: Spatial Properties and Materials. Nexus Network Journal, 2015, 17, 623-639.	0.5	5
9	Parametric Development of Variable Roof Structures with Central Supports (Tulips). Nexus Network Journal, 2013, 15, 257-269.	0.5	4
10	Workspace Analysis of a Mobile Manipulator with Obstacle Avoidance in 3D Printing Tasks. Applied Sciences (Switzerland), 2021, 11, 7923.	1.3	2
11	A tool for the assessment of energy-efficiency retrofit packages based on simulations, for single-family housing in Concepcion, Chile. Energy Efficiency, 2019, 12, 619-636.	1.3	1
12	Análisis de la Modulaci3n Arquitect3nica en Edificaciones Menores de CLT; estudio de casos. Informes De La Construccion, 2021, 73, e387.	0.1	0
13	Evaluaci3n de Ventanas Fotovoltaicas con Concentradores Solares Luminiscentes para Edificios Cero-energ3a en Santiago de Chile. Informes De La Construccion, 2018, 70, 255.	0.1	0
14	Cocria3o: colabora3es emergentes ibero-americanas em arquitetura e manufatura digital. Arquitecturas Del Sur, 2022, 40, 118-133.	0.2	0