

# 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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14  
papers

106  
citations

1477746

6  
h-index

1372195

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

58  
citing authors

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