

Josephine Vaughan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9446289/publications.pdf>

Version: 2024-02-01

22
papers

153
citations

1684129

5
h-index

1372553

10
g-index

22
all docs

22
docs citations

22
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the geometry of nature and architecture: comparing the visual properties of Frank Lloyd Wright's <i>Fallingwater</i> and its natural setting. <i>Open House International</i> , 2022, 47, 51-67.	1.1	6
2	Examining the Position of Wright's <i>Fallingwater</i> in the Context of His Larger Body of Work: An Analysis Using Fractal Dimensions. <i>Fractal and Fractional</i> , 2022, 6, 187.	3.3	3
3	Fractal Geometry in Architecture. , 2021, , 1345-1360.		0
4	Fractal Dimensions in Architecture: Measuring the Characteristic Complexity of Buildings. , 2021, , 1433-1449.		0
5	Traditional water knowledge: challenges and opportunities to build resilience to urban floods. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2021, ahead-of-print, .	1.2	4
6	Determining and representing value in creative placemaking. <i>Journal of Place Management and Development</i> , 2021, ahead-of-print, .	1.5	2
7	Fractal Geometry in Architecture. , 2020, , 1-16.		0
8	Fractal Dimensions in Architecture: Measuring the Characteristic Complexity of Buildings. , 2020, , 1-17.		0
9	Fractal Geometry in Architecture. , 2018, , 1-16.		1
10	Fractal Dimensions in Architecture: Measuring the Characteristic Complexity of Buildings. , 2018, , 1-17.		2
11	The comparative numerical analysis of nature and architecture: A new framework. <i>International Journal of Design and Nature and Ecodynamics</i> , 2017, 12, 156-166.	0.5	4
12	Assessing construction innovation: theoretical and practical perspectives. <i>Construction Economics and Building</i> , 2016, 16, 104-115.	0.9	29
13	The Fractal Dimension of Architecture. , 2016, , .		37
14	Characteristic Visual Complexity: Fractal Dimensions in the Architecture of Frank Lloyd Wright and Le Corbusier. , 2015, , 339-354.		14
15	Measuring the significance of facade transparency in Australian regionalist architecture: A computational analysis of 10 designs by Glenn Murcutt. <i>Architectural Science Review</i> , 2014, 57, 249-259.	2.2	9
16	Differentiating the Whites: Using Fractal Analysis to Investigate the Visual Properties of the Architecture of John Hejduk and Peter Eisenman. <i>Empirical Studies of the Arts</i> , 2013, 31, 21-43.	1.7	1
17	Representing architecture for fractal analysis: a framework for identifying significant lines. <i>Architectural Science Review</i> , 2013, 56, 242-251.	2.2	8
18	The Mathematics of Domestic Modernism (1922-1934): An Analysis of Correlations Between Façade Complexity, Orientation, Address and Permeability. <i>Design Principles and Practices</i> , 2011, 4, 143-162.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Using fractal analysis to compare the characteristic complexity of nature and architecture: re-examining the evidence. <i>Architectural Science Review</i> , 2010, 53, 323-332.	2.2	21
20	A Quantitative Comparison between Wright's Prairie Style and Triangle-Plan Usonian Houses using Fractal Analysis. <i>Design Principles and Practices</i> , 2010, 4, 333-344.	0.7	1
21	A Computational Investigation into the Fractal Dimensions of the Architecture of Kazuyo Sejima. <i>Design Principles and Practices</i> , 2009, 3, 231-244.	0.7	4
22	A Quantitative Comparison between the Formal Complexity of Le Corbusier's Pre-Modern (1905-1912) and Early Modern (1922-1928) Architecture. <i>Design Principles and Practices</i> , 2009, 3, 359-372.	0.7	6