Iestyn Jowers

List of Publications by Year
in descending order

19 papers	**226** citations	1307594 **7** h-index	1199594 **12** g-index
21 all docs	**21** docs citations	**21** times ranked	**140** citing authors

#	Article	IF	Citations
1	Transforming shape in design: observations from studies of sketching. Design Studies, 2009, 30, 503-520.	3.1	79
2	Implementation of curved shape grammars. Environment and Planning B: Planning and Design, 2011, 38, 616-635.	1.7	29
3	Shape detection with vision: implementing shape grammars in conceptual design. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2010, 21, 235-247.	2.1	23
4	Evaluating an eye tracking interface for a two-dimensional sketch editor. CAD Computer Aided Design, 2013, 45, 923-936.	2.7	22
5	The Construction of Curved Shapes. Environment and Planning B: Planning and Design, 2010, 37, 42-58.	1.7	19
6	Shapes, structures and shape grammar implementation. CAD Computer Aided Design, 2019, 111, 80-92.	2.7	16
7	Shape Exploration in Design: Formalising and Supporting a Transformational Process. International Journal of Architectural Computing, 2008, 6, 415-433.	1.5	10
8	Computer Aided Design: An Early Shape Synthesis System. , 2008, , 3-12.		6
9	Computer-aided design synthesis: an application of shape grammars. International Journal of Product Development, 2011, 13, 4.	0.2	4
10	Design and emotional expressiveness of Gertie (An open hardware robotic desk lamp). , 2012, , .		4
11	Extending the Algebras of Design. Nexus Network Journal, 2015, 17, 947-962.	0.7	4
12	Interpretation of geometric shapes. , 2010, , .		2
13	Compressive behaviour of cellular structures with aperiodic order. Results in Materials, 2022, 15, 100293.	1.8	2
14	Formalising flexible multi-material surfaces as weighted shapes. , 2014, , .		1
15	Pinwheel Patterns: From 2D to 3D Schemas. Nexus Network Journal, 2015, 17, 899-912.	0.7	1
16	Exploration of multi-material surfaces as weighted shapes. Graphical Models, 2016, 83, 28-36.	2.4	1
17	Shape Computations Without Compositions. Communications in Computer and Information Science, 2017, , 348-365.	0.5	1
18	Defining Rules for Kinematic Shapes with Variable Spatial Relations. Communications in Computer and Information Science, 2019, , 444-458.	0.5	1

#	Article	IF	Citations
19	Visual Structures of Embedded Shapes. KAIST Research Series, 2018, , 175-187.	1.5	0