

# Chris Snider

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8469980/publications.pdf>

Version: 2024-02-01

41  
papers

1,263  
citations

840776

11  
h-index

395702

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterising the Digital Twin: A systematic literature review. CIRP Journal of Manufacturing Science and Technology, 2020, 29, 36-52.	4.5	950
2	Accelerating product prototyping through hybrid methods: Coupling 3D printing and LEGO. Design Studies, 2019, 62, 68-99.	3.1	31
3	Anarchic manufacturing. International Journal of Production Research, 2019, 57, 2514-2530.	7.5	31
4	Mixed reality in design prototyping: A systematic review. Design Studies, 2021, 77, 101046.	3.1	31
5	Analysing creative behaviour in the later stage design process. Design Studies, 2013, 34, 543-574.	3.1	23
6	Automatic generation of design structure matrices through the evolution of product models. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2016, 30, 424-445.	1.1	18
7	Investigating design: A comparison of manifest and latent approaches. Design Studies, 2014, 35, 441-472.	3.1	16
8	Early Stage Digital Twins for Early Stage Engineering Design. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2557-2566.	0.6	14
9	Engineering Project Health Management: A Computational Approach for Project Management Support Through Analytics of Digital Engineering Activity. IEEE Transactions on Engineering Management, 2019, 66, 325-336.	3.5	13
10	Beyond the concept: characterisations of later-stage creative behaviour in design. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2016, 27, 265-289.	2.1	12
11	CHARACTERISING THE AFFORDANCES AND LIMITATIONS OF COMMON PROTOTYPING TECHNIQUES TO SUPPORT THE EARLY STAGES OF PRODUCT DEVELOPMENT. , 0, , .		12
12	Early Stage Digital-Physical Twinning to Engage Citizens with City Planning and Design. , 2019, , .		11
13	Managing complex engineering projects: What can we learn from the evolving digital footprint?. International Journal of Information Management, 2020, 51, 102016.	17.5	11
14	Anarchic manufacturing: Distributed control for product transition. Journal of Manufacturing Systems, 2020, 56, 1-10.	13.9	11
15	The characterisation of engineering activity through email communication and content dynamics, for support of engineering project management. Design Science, 2017, 3, .	2.1	10
16	Embracing complicatedness and complexity with Anarchic Manufacturing. Procedia Manufacturing, 2019, 28, 51-56.	1.9	7
17	Model-based information navigation for engineering documents. Computers in Industry, 2020, 121, 103254.	9.9	7
18	Anarchic manufacturing: implementing fully distributed control and planning in assembly. Production and Manufacturing Research, 2021, 9, 56-80.	1.5	7

#	ARTICLE	IF	CITATIONS
19	Towards integrated version control of virtual and physical artefacts in new product development: inspirations from software engineering and the digital twin paradigm. <i>Procedia CIRP</i> , 2021, 100, 283-288.	1.9	7
20	The appearance of creative behavior in later stage design processes. <i>International Journal of Design Creativity and Innovation</i> , 2014, 2, 1-19.	1.2	5
21	DIMENSIONS OF KNOWLEDGE IN PROTOTYPING: A REVIEW AND CHARACTERISATION OF PROTOTYPING METHODS AND THEIR CONTRIBUTIONS TO DESIGN KNOWLEDGE. <i>Proceedings of the Design Society</i> , 2021, 1, 1303-1312.	0.8	5
22	A FRAMING OF DESIGN AS PATHWAYS BETWEEN PHYSICAL, VIRTUAL AND COGNITIVE MODELS. <i>Proceedings of the Design Society DESIGN Conference</i> , 2020, 1, 41-50.	0.8	4
23	Engaging Citizens with Urban Planning Using City Blocks, a Mixed Reality Design and Visualisation Platform. <i>Lecture Notes in Computer Science</i> , 2019, , 51-62.	1.3	4
24	Balancing multiple objectives with anarchic manufacturing. <i>Procedia Manufacturing</i> , 2019, 38, 1453-1460.	1.9	3
25	REVISITING PROTOTYPING IN 2020: A SNAPSHOT OF PRACTICE IN UK DESIGN COMPANIES. <i>Proceedings of the Design Society</i> , 2021, 1, 2581-2590.	0.8	3
26	The emergent structures in digital engineering work: what can we learn from dynamic DSMs of near-identical systems design projects?. <i>Design Science</i> , 2019, 5, .	2.1	2
27	Achieving Responsive and Sustainable Manufacturing Through a Brokered Agent-Based Production Paradigm. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 24-33.	0.6	2
28	Prototyping through the Lens of Network Analysis and Visualisation. <i>Proceedings of the Design Society</i> , 2022, 2, 743-752.	0.8	2
29	Integrated Physical-Digital Workflow in Prototyping – Inspirations from the Digital Twin. <i>Proceedings of the Design Society</i> , 2022, 2, 1767-1776.	0.8	2
30	Studying the appearance and effect of creativity within the the latter stages of the product development process. , 2011, , .		1
31	An analysis of premium payments as a mechanism for securing preferential service in cloud manufacturing. <i>Procedia CIRP</i> , 2019, 81, 168-173.	1.9	1
32	Distinguishing artefacts: evaluating the saturation point of convolutional neural networks. <i>Procedia CIRP</i> , 2021, 100, 385-390.	1.9	1
33	MIXED REALITY PROTOTYPING: SYNCHRONICITY AND ITS IMPACT ON A DESIGN WORKFLOW. <i>Proceedings of the Design Society</i> , 2021, 1, 2117-2126.	0.8	1
34	Modelling the Evolution of Computer Aided Design Models: Investigating the Potential for Supporting Engineering Project Management. <i>IFIP Advances in Information and Communication Technology</i> , 2016, , 344-354.	0.7	1
35	THE DESIGN OF VISUAL INFORMATION OBJECTS IN THREE-DIMENSIONAL VIRTUAL ENVIRONMENTS FOR ENGINEERING INFORMATION NAVIGATION. , 0, , .		1
36	Required parameters for modelling heterogeneous geographically dispersed manufacturing systems. <i>Procedia CIRP</i> , 2022, 107, 1545-1550.	1.9	1

#	ARTICLE	IF	CITATIONS
37	Hybrid Prototyping: Pure Theory or a Practical Solution to Accelerating Prototyping Tasks?. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 759-768.	0.6	0
38	Different Approaches to Democratise Design - Are they Equal?. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 119-128.	0.6	0
39	Information Visualisation for Project Management: Case Study of Bath Formula Student Project. , 2019, , 651-667.		0
40	Engineering Project Health Monitoring: Application of Automatic, Real-Time Analytics to PDM Systems. IFIP Advances in Information and Communication Technology, 2018, , 600-610.	0.7	0
41	Mixed Reality Tools as an Enabler for Improving Operation and Maintenance in Small and Medium Enterprises. IFIP Advances in Information and Communication Technology, 2018, , 3-14.	0.7	0