

# Adrian Bowyer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11022187/publications.pdf>

Version: 2024-02-01

17  
papers

2,147  
citations

759233

12  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2080  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variable stroke timing of rubber fins' duty cycle improves force. , 2011, , .		0
2	RepRap â€œ the replicating rapid prototyper. Robotica, 2011, 29, 177-191.	1.9	544
3	Advantages of a Biomimetic Stiffness Profile in Pitching Flexible Fin Propulsion. Journal of Bionic Engineering, 2010, 7, 113-119.	5.0	30
4	RepRap: The Replicating Rapid Prototyper: Maximizing Customizability by Breeding the Means of Production. , 2009, , 568-580.		69
5	Take-off and landing forces and the evolution of controlled gliding in northern flying squirrels Glaucomys sabrinus. Journal of Experimental Biology, 2007, 210, 1413-1423.	1.7	63
6	Jumping robots: a biomimetic solution to locomotion across rough terrain. Bioinspiration and Biomimetics, 2007, 2, S65-S82.	2.9	167
7	A smart membrane based on an antigen-responsive hydrogel. Biotechnology and Bioengineering, 2007, 97, 976-984.	3.3	52
8	Biomimetics: its practice and theory. Journal of the Royal Society Interface, 2006, 3, 471-482.	3.4	790
9	Putting Biology into TRIZ: A Database of Biological Effects. Creativity and Innovation Management, 2005, 14, 66-72.	3.3	47
10	A novel pH- and ionic-strength-sensitive carboxy methyl dextran hydrogel. Biomaterials, 2005, 26, 4677-4683.	11.4	226
11	A Recursive Taylor Method for Algebraic Curves and Surfaces. , 2005, , 135-154.		1
12	Comparison of interval methods for plotting algebraic curves. Computer Aided Geometric Design, 2002, 19, 553-587.	1.2	69
13	CONFIGURATIONS, CONSTRAINTS, AND CSC. International Journal of Shape Modeling, 2000, 06, 131-143.	0.2	0
14	Multidimensional set-theoretic feature recognition. CAD Computer Aided Design, 1995, 27, 731-740.	2.7	15
15	Better and faster pictures from solid models. Computer-Aided Engineering Journal, 1986, 3, 17.	0.2	29
16	Studies in the robustness of multidimensional scaling: euclidean models and simulation studies. Journal of Statistical Computation and Simulation, 1981, 13, 273-296.	1.2	10
17	RepRap â€œ the replicating rapid prototyper. , 0, .		1