

# Anthony Trewavas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5760488/publications.pdf>

Version: 2024-02-01

39  
papers

3,044  
citations

257450

24  
h-index

361022

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspects of Plant Intelligence. <i>Annals of Botany</i> , 2003, 92, 1-20.	2.9	375
2	Ca <sup>2+</sup> signalling in plant cells: the big network!. <i>Current Opinion in Plant Biology</i> , 1998, 1, 428-433.	7.1	283
3	Urban myths of organic farming. <i>Nature</i> , 2001, 410, 409-410.	27.8	281
4	Le Calcium, C'est la Vie: Calcium Makes Waves1. <i>Plant Physiology</i> , 1999, 120, 1-6.	4.8	216
5	Green plants as intelligent organisms. <i>Trends in Plant Science</i> , 2005, 10, 413-419.	8.8	178
6	A critical assessment of organic farming-and-food assertions with particular respect to the UK and the potential environmental benefits of no-till agriculture. <i>Crop Protection</i> , 2004, 23, 757-781.	2.1	161
7	A Brief History of Systems Biology. <i>Plant Cell</i> , 2006, 18, 2420-2430.	6.6	150
8	What is plant behaviour?*. <i>Plant, Cell and Environment</i> , 2009, 32, 606-616.	5.7	128
9	Signal processing and transduction in plant cells: the end of the beginning?. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 307-314.	37.0	116
10	Plant intelligence: Mindless mastery. <i>Nature</i> , 2002, 415, 841-841.	27.8	97
11	The foundations of plant intelligence. <i>Interface Focus</i> , 2017, 7, 20160098.	3.0	88
12	The ubiquity of consciousness. <i>EMBO Reports</i> , 2011, 12, 1221-1225.	4.5	83
13	Plant intelligence. <i>Die Naturwissenschaften</i> , 2005, 92, 401-413.	1.6	81
14	Response to Alpi et al.: Plant neurobiology "all metaphors have value. <i>Trends in Plant Science</i> , 2007, 12, 231-233.	8.8	71
15	Plants are intelligent, here's how. <i>Annals of Botany</i> , 2020, 125, 11-28.	2.9	68
16	How plants learn. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4216-4218.	7.1	58
17	Are plants sentient?. <i>Plant, Cell and Environment</i> , 2017, 40, 2858-2869.	5.7	56
18	A new method for counting labeled nucleic acids by liquid scintillation. <i>Analytical Biochemistry</i> , 1967, 21, 324-329.	2.4	55

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19	Much food, many problems. <i>Nature</i> , 1999, 402, 231-232.	27.8	53
20	The role of calmodulin in the gravitropic response of the <i>Arabidopsis thaliana</i> agr-3 mutant. <i>Planta</i> , 1996, 199, 343-51.	3.2	48
21	Paradoxical effects of chemicals in the diet on health. <i>Current Opinion in Plant Biology</i> , 2003, 6, 185-190.	7.1	45
22	Intelligence, Cognition, and Language of Green Plants. <i>Frontiers in Psychology</i> , 2016, 7, 588.	2.1	43
23	Aspects of Plant Intelligence: an Answer to Fern. <i>Annals of Botany</i> , 2004, 93, 353-357.	2.9	40
24	Plant Cell Signal Transduction. <i>Plant Cell</i> , 2002, 14, S3-S4.	6.6	30
25	Fuelling the 9 billion. <i>Nature Biotechnology</i> , 2008, 26, 1068-1070.	17.5	19
26	Conventional crops are the test of GM prejudice. <i>Nature</i> , 1999, 401, 640-640.	27.8	16
27	Integrated information as a possible basis for plant consciousness. <i>Biochemical and Biophysical Research Communications</i> , 2021, 564, 158-165.	2.1	15
28	Cognition and intelligence of green plants. Information for animal scientists. <i>Biochemical and Biophysical Research Communications</i> , 2021, 564, 78-85.	2.1	15
29	Information, Noise and Communication: Thresholds as Controlling Elements in Development. <i>Signaling and Communication in Plants</i> , 2012, , 11-35.	0.7	13
30	The cult of the amateur in agriculture threatens food security. <i>Trends in Biotechnology</i> , 2008, 26, 475-478.	9.3	12
31	Awareness and integrated information theory identify plant meristems as sites of conscious activity. <i>Protoplasma</i> , 2021, 258, 673-679.	2.1	10
32	Fertilizer: no-till farming could reduce run-off. <i>Nature</i> , 2004, 427, 99-99.	27.8	7
33	How nature itself uses genetic modification. <i>Nature</i> , 2000, 403, 12-12.	27.8	6
34	The Green Plant as an Intelligent Organism. , 2006, , 1-18.		5
35	Systems, variation, individuality and plant hormones. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 146, 3-22.	2.9	2
36	Profile of Anthony Trewavas. <i>Molecular Plant</i> , 2015, 8, 345-351.	8.3	1

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37	The Green Plant as an Intelligent Organism. , 2006, , 1-18.		1
38	USE OF TRANSFORMED AND TARGETED AEQUORIN TO ANALYSE SIGNAL TRANSDUCTION THROUGH CALCIUM IN PLANT CELLS. Biochemical Society Transactions, 1996, 24, 575S-575S.	3.4	0
39	Observations on the 'paraquat argument'. Outlooks on Pest Management, 2005, 16, 92-93.	0.2	0