

Anthony Trewavas

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,044
citations

257450

24
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361022

35
g-index

42
all docs

42
docs citations

42
times ranked

2432
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Integrated information as a possible basis for plant consciousness. Biochemical and Biophysical Research Communications, 2021, 564, 158-165. | 2.1 | 15 |
| 2 | Cognition and intelligence of green plants. Information for animal scientists. Biochemical and Biophysical Research Communications, 2021, 564, 78-85. | 2.1 | 15 |
| 3 | Awareness and integrated information theory identify plant meristems as sites of conscious activity. Protoplasma, 2021, 258, 673-679. | 2.1 | 10 |
| 4 | Plants are intelligent, here's how. Annals of Botany, 2020, 125, 11-28. | 2.9 | 68 |
| 5 | Systems, variation, individuality and plant hormones. Progress in Biophysics and Molecular Biology, 2019, 146, 3-22. | 2.9 | 2 |
| 6 | The foundations of plant intelligence. Interface Focus, 2017, 7, 20160098. | 3.0 | 88 |
| 7 | Are plants sentient?. Plant, Cell and Environment, 2017, 40, 2858-2869. | 5.7 | 56 |
| 8 | Intelligence, Cognition, and Language of Green Plants. Frontiers in Psychology, 2016, 7, 588. | 2.1 | 43 |
| 9 | Profile of Anthony Trewavas. Molecular Plant, 2015, 8, 345-351. | 8.3 | 1 |
| 10 | Information, Noise and Communication: Thresholds as Controlling Elements in Development. Signaling and Communication in Plants, 2012, , 11-35. | 0.7 | 13 |
| 11 | The ubiquity of consciousness. EMBO Reports, 2011, 12, 1221-1225. | 4.5 | 83 |
| 12 | What is plant behaviour?*. Plant, Cell and Environment, 2009, 32, 606-616. | 5.7 | 128 |
| 13 | Fuelling the 9 billion. Nature Biotechnology, 2008, 26, 1068-1070. | 17.5 | 19 |
| 14 | The cult of the amateur in agriculture threatens food security. Trends in Biotechnology, 2008, 26, 475-478. | 9.3 | 12 |
| 15 | Response to Alpi et al.: Plant neurobiology "all metaphors have value. Trends in Plant Science, 2007, 12, 231-233. | 8.8 | 71 |
| 16 | A Brief History of Systems Biology. Plant Cell, 2006, 18, 2420-2430. | 6.6 | 150 |
| 17 | The Green Plant as an Intelligent Organism. , 2006, , 1-18. | | 5 |
| 18 | The Green Plant as an Intelligent Organism. , 2006, , 1-18. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Observations on the 'paraquat argument'. <i>Outlooks on Pest Management</i> , 2005, 16, 92-93. | 0.2 | 0 |
| 20 | Plant intelligence. <i>Die Naturwissenschaften</i> , 2005, 92, 401-413. | 1.6 | 81 |
| 21 | Green plants as intelligent organisms. <i>Trends in Plant Science</i> , 2005, 10, 413-419. | 8.8 | 178 |
| 22 | Fertilizer: no-till farming could reduce run-off. <i>Nature</i> , 2004, 427, 99-99. | 27.8 | 7 |
| 23 | 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 |
| 24 | Aspects of Plant Intelligence: an Answer to Firm. <i>Annals of Botany</i> , 2004, 93, 353-357. | 2.9 | 40 |
| 25 | Aspects of Plant Intelligence. <i>Annals of Botany</i> , 2003, 92, 1-20. | 2.9 | 375 |
| 26 | Paradoxical effects of chemicals in the diet on health. <i>Current Opinion in Plant Biology</i> , 2003, 6, 185-190. | 7.1 | 45 |
| 27 | Plant Cell Signal Transduction. <i>Plant Cell</i> , 2002, 14, S3-S4. | 6.6 | 30 |
| 28 | Plant intelligence: Mindless mastery. <i>Nature</i> , 2002, 415, 841-841. | 27.8 | 97 |
| 29 | Urban myths of organic farming. <i>Nature</i> , 2001, 410, 409-410. | 27.8 | 281 |
| 30 | 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 |
| 31 | How nature itself uses genetic modification. <i>Nature</i> , 2000, 403, 12-12. | 27.8 | 6 |
| 32 | Le Calcium, C'est la Vie: Calcium Makes Waves1. <i>Plant Physiology</i> , 1999, 120, 1-6. | 4.8 | 216 |
| 33 | 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 |
| 34 | Conventional crops are the test of GM prejudice. <i>Nature</i> , 1999, 401, 640-640. | 27.8 | 16 |
| 35 | Much food, many problems. <i>Nature</i> , 1999, 402, 231-232. | 27.8 | 53 |
| 36 | Ca ²⁺ signalling in plant cells: the big network!. <i>Current Opinion in Plant Biology</i> , 1998, 1, 428-433. | 7.1 | 283 |

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|----|--|-----|-----------|
| 37 | USE OF TRANSFORMED AND TARGETED AEQUORIN TO ANALYSE SIGNAL TRANSDUCTION THROUGH CALCIUM IN PLANT CELLS. <i>Biochemical Society Transactions</i> , 1996, 24, 575S-575S. | 3.4 | 0 |
| 38 | 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 |
| 39 | A new method for counting labeled nucleic acids by liquid scintillation. <i>Analytical Biochemistry</i> , 1967, 21, 324-329. | 2.4 | 55 |