

# Paul R Johnstone

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9329892/publications.pdf>

Version: 2024-02-01

33

papers

724

citations

623734

14

h-index

552781

26

g-index

33

all docs

33

docs citations

33

times ranked

899

citing authors

#	ARTICLE	IF	CITATIONS
1	Managing Fruit Soluble Solids with Late-season Deficit Irrigation in Drip-irrigated Processing Tomato Production. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1857-1861.	1.0	90
2	Nitrogen Availability from High-nitrogen-containing Organic Fertilizers. HortTechnology, 2006, 16, 39-42.	0.9	85
3	Climate adaptation pathways for agriculture: Insights from a participatory process. Environmental Science and Policy, 2020, 107, 66-79.	4.9	61
4	Processing Tomato Yield and Fruit Quality Improved with Potassium Fertigation. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1862-1867.	1.0	56
5	Establishing Lettuce Leaf Nutrient Optimum Ranges Through DRIS Analysis. Hortscience: A Publication of the American Society for Horticultural Science, 2007, 42, 143-146.	1.0	56
6	Radiation capture and radiation use efficiency in response to N supply for crop species with contrasting canopies. Field Crops Research, 2013, 150, 126-134.	5.1	52
7	Adapting crop rotations to climate change in regional impact modelling assessments. Science of the Total Environment, 2018, 616-617, 785-795.	8.0	51
8	Sources of variability in the effectiveness of winter cover crops for mitigating N leaching. Agriculture, Ecosystems and Environment, 2016, 220, 226-235.	5.3	48
9	Resilience achieved via multiple compensating subsystems: The immediate impacts of COVID-19 control measures on the agri-food systems of Australia and New Zealand. Agricultural Systems, 2021, 187, 103025.	6.1	40
10	Understanding spatial and temporal variability of N leaching reduction by winter cover crops under climate change. Science of the Total Environment, 2021, 771, 144770.	8.0	20
11	Effects of nitrogen rate on nitrate–nitrogen accumulation in forage kale and rape crops. Grass and Forage Science, 2015, 70, 268-282.	2.9	18
12	Nitrogen or potassium preconditioning affects uptake of both nitrate and potassium in young wheat ( <i>Triticum aestivum</i> ). Annals of Applied Biology, 2016, 168, 66-80.	2.5	18
13	Small-Scale Spatial Variability of Plant Nutrients and Soil Organic Matter: An Arable Cropping Case Study. Communications in Soil Science and Plant Analysis, 2016, 47, 2189-2199.	1.4	16
14	AmaizeN: A decision support system for optimizing nitrogen management of maize. Njas - Wageningen Journal of Life Sciences, 2009, 57, 93-100.	7.7	15
15	Making sense of yield trade-offs in a crop sequence: A New Zealand case study. Field Crops Research, 2011, 124, 149-156.	5.1	15
16	Relationship between Soil Phosphorus Availability and Phosphorus Loss Potential in Runoff and Drainage. Communications in Soil Science and Plant Analysis, 2006, 37, 1525-1536.	1.4	13
17	Catch crops and feeding strategy can reduce the risk of nitrogen leaching in late lactation fodder beet systems. New Zealand Journal of Agricultural Research, 2020, 63, 44-64.	1.6	12
18	Soil Calcium Status Unrelated to Tipburn of Romaine Lettuce. Hortscience: A Publication of the American Society for Horticultural Science, 2007, 42, 1681-1684.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Production Environment and Nitrogen Fertility Affect Carrot Cracking. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 611-615.	1.0	10
20	Mechanisms of nitrogen limitation affecting maize growth: a comparison of different modelling hypotheses. Crop and Pasture Science, 2009, 60, 738.	1.5	7
21	Calcium Fertigation Ineffective at Increasing Fruit Yield and Quality of Muskmelon and Honeydew Melons in California. HortTechnology, 2008, 18, 685-689.	0.9	7
22	Luxury uptake of magnesium by peas, <i>Pisum sativum</i> . Annals of Applied Biology, 2013, 163, 151-164.	2.5	4
23	Performance of Winter-Sown Cereal Catch Crops after Simulated Forage Crop Grazing in Southland, New Zealand. Plants, 2021, 10, 108.	3.5	4
24	Using drainage fluxmeters to measure inorganic nitrogen losses from New Zealand's arable and vegetable production systems. New Zealand Journal of Crop and Horticultural Science, 2023, 51, 274-296.	1.3	4
25	Crop management effects on supplementary feed quality and crop options for dairy feeding to reduce nitrate leaching. New Zealand Journal of Agricultural Research, 2019, 62, 369-398.	1.6	3
26	Maize silage-winter crop sequences that maximise forage production and quality. New Zealand Journal of Agricultural Research, 2019, 62, 1-22.	1.6	3
27	Predicting nitrogen supply from dairy effluent applied to contrasting soil types. New Zealand Journal of Agricultural Research, 2019, 62, 438-456.	1.6	2
28	Irrigation Cutback a Reliable Tool for Soluble Solids Improvement in Processing Tomato. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 763C-763.	1.0	1
29	Lettuce Response to Phosphorus Fertilization in High P soils. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 795E-796.	1.0	1
30	Soil nitrogen supply from effluent-amended pasture soils for forage maize production. New Zealand Journal of Agricultural Research, 2021, 64, 245-259.	1.6	0
31	Soil Phosphorus Status and Environmental Risk. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 797B-797.	1.0	0
32	Environmental and Management Factors Affecting Carrot Cracking. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 852B-852.	1.0	0
33	Sowing date and species choice affect the performance of autumn-sown catch crops in Waikato. New Zealand Journal of Crop and Horticultural Science, 0, , 1-19.	1.3	0