

# Martin J O'brien

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

581  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mycotoxins and Other Secondary Metabolites Produced in Vitro by <i>Penicillium paneum</i> Frisvad and <i>Penicillium roqueforti</i> Thom Isolated from Baled Grass Silage in Ireland. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9268-9276.	5.2	104
2	Inhibition of verocytotoxigenic <i>Escherichia coli</i> in model broth and rumen systems by carvacrol and thymol. <i>International Journal of Food Microbiology</i> , 2010, 139, 70-78.	4.7	95
3	Multi-omics analysis on an agroecosystem reveals the significant role of organic nitrogen to increase agricultural crop yield. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14552-14560.	7.1	77
4	Fungi isolated from contaminated baled grass silage on farms in the Irish Midlands. <i>FEMS Microbiology Letters</i> , 2005, 247, 131-135.	1.8	56
5	In vitro rumen methane output of red clover and perennial ryegrass assayed using the gas production technique (GPT). <i>Animal Feed Science and Technology</i> , 2011, 168, 152-164.	2.2	43
6	Fungal contamination of big bale grass silage on Irish farms: predominant mould and yeast species and features of bales and silage. <i>Grass and Forage Science</i> , 2008, 63, 121-137.	2.9	40
7	Quantification and identification of fungal propagules in well-managed baled grass silage and in normal on-farm produced bales. <i>Animal Feed Science and Technology</i> , 2007, 132, 283-297.	2.2	33
8	Visible fungal growth on baled grass silage during the winter feeding season in Ireland and silage characteristics associated with the occurrence of fungi. <i>Animal Feed Science and Technology</i> , 2007, 139, 234-256.	2.2	30
9	Morphological and molecular characterisation of <i>Penicillium roqueforti</i> and <i>P. paneum</i> isolated from baled grass silage. <i>Mycological Research</i> , 2008, 112, 921-932.	2.5	20
10	Relevance of genetically modified crops in light of future environmental and legislative challenges to the agricultural environment. <i>Annals of Applied Biology</i> , 2009, 154, 323-340.	2.5	17
11	The impact of <i>Lactobacillus plantarum</i> TUA1490L supernatant on in vitro rumen methanogenesis and fermentation. <i>Anaerobe</i> , 2013, 22, 137-140.	2.1	15
12	In vitro rumen methane output of grasses and grass silages differing in fermentation characteristics using the gas production technique (GPT). <i>Grass and Forage Science</i> , 2013, 68, 228-244.	2.9	14
13	Occurrence of filamentous fungi and mycotoxins in wrapped forages in Sweden and Norway and their relation to chemical composition and management. <i>Grass and Forage Science</i> , 2019, 74, 613-625.	2.9	12
14	In vitro rumen methane output of perennial ryegrass varieties and perennial grass species harvested throughout the growing season. <i>Grass and Forage Science</i> , 2012, 67, 280-298.	2.9	7
15	An evaluation of the methane output associated with high-moisture grains and silages using the in vitro total gas production technique. <i>Animal Production Science</i> , 2011, 51, 627.	1.3	6
16	Filamentous fungi in wrapped forages determined with different sampling and culturing methods. <i>Grass and Forage Science</i> , 2019, 74, 29-41.	2.9	5
17	AN INSIGHT INTO THE IMPACT OF ARABLE FARMING ON IRISH BIODIVERSITY: A SCARCITY OF STUDIES HINDERS A RIGOROUS ASSESSMENT. <i>Biology and Environment</i> , 2008, 108, 97-108.	0.3	5
18	Efficient sampling of shiitake-inoculated oak logs to determine the log-to-mushroom transfer factor of stable cesium. <i>PeerJ</i> , 2019, 7, e7825.	2.0	2