

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

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839539

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18
all docs

18
docs citations

18
times ranked

776
citing authors

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