

Denis Bastianelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5456003/publications.pdf>

Version: 2024-02-01

61
papers

2,286
citations

361413

20
h-index

233421

45
g-index

63
all docs

63
docs citations

63
times ranked

4584
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobilizing sorghum genetic diversity: Biochemical and histological-assisted design of a stem ideotype for biomethane production. <i>GCB Bioenergy</i> , 2021, 13, 1874-1893.	5.6	3
2	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
3	Dataset of visible-near infrared handheld and micro-spectrometers – comparison of the prediction accuracy of sugarcane properties. <i>Data in Brief</i> , 2020, 31, 106013.	1.0	10
4	Dataset of organic sample near infrared spectra acquired on different spectrometers. <i>Data in Brief</i> , 2020, 32, 106264.	1.0	2
5	Transcriptional Regulation of Sorghum Stem Composition: Key Players Identified Through Co-expression Gene Network and Comparative Genomics Analyses. <i>Frontiers in Plant Science</i> , 2020, 11, 224.	3.6	17
6	Functional Classification of Feed Items in Pampa Grassland, Based on Their Near-Infrared Spectrum. <i>Rangeland Ecology and Management</i> , 2020, 73, 358-367.	2.3	10
7	Phenolic and tannin compounds in subtropical shrubs (<i>Bituminaria bituminosa</i> , <i>Chamaecytisus</i>) and Production, 2019, 51, 1757-1761.	1.4	2
8	Genotypic covariations of traits underlying sorghum stem biomass production and quality and their regulations by water availability: Insight from studies at organ and tissue levels. <i>GCB Bioenergy</i> , 2019, 11, 444-462.	5.6	15
9	Sorghum Biomethane Potential Varies with the Genotype and the Cultivation Site. <i>Waste and Biomass Valorization</i> , 2019, 10, 783-788.	3.4	25
10	La spectrométrie dans le proche infrarouge pour la caractérisation des ressources alimentaires. <i>INRA Productions Animales</i> , 2019, 31, 237-254.	0.5	5
11	Aliments protéiques dans les systèmes mixtes intégrant polyculture-élevage en régions tropicales. <i>INRA Productions Animales</i> , 2019, 31, 221-236.	0.5	2
12	Feeding flocks on rangelands: insights into the local ecological knowledge of shepherds in Boulemane province (Morocco). <i>Rangeland Journal</i> , 2018, 40, 207.	0.9	7
13	Editorial - L'élevage porcin dans les pays tropicaux. <i>Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux</i> , 2018, 71, 3.	0.5	0
14	The potential of near infrared spectroscopy (NIRS) to measure the chemical composition of aquaculture solid waste. <i>Aquaculture</i> , 2017, 476, 134-140.	3.5	20
15	Processing and properties of sorghum stem fragment-polyethylene composites. <i>Industrial Crops and Products</i> , 2017, 107, 386-398.	5.2	13
16	Plasticity of Sorghum Stem Biomass Accumulation in Response to Water Deficit: A Multiscale Analysis from Internode Tissue to Plant Level. <i>Frontiers in Plant Science</i> , 2017, 8, 1516.	3.6	47
17	Influence of management regime and harvest date on the forage quality of rangelands plants: the importance of dry matter content. <i>AoB PLANTS</i> , 2016, 8, .	2.3	19
18	Simultaneous inclusion of sorghum and cottonseed meal or millet in broiler diets: effects on performance and nutrient digestibility. <i>Animal</i> , 2016, 10, 1118-1128.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Pericarp thickness of sorghum whole grain is accurately predicted by NIRS and can affect the prediction of other grain quality parameters. <i>Journal of Cereal Science</i> , 2016, 69, 218-227.	3.7	22
20	Polyethylene glycol marker measured with NIRS gives a reliable estimate of the rangeland intake of grazing sheep. <i>Animal</i> , 2016, 10, 771-778.	3.3	1
21	Predicting feed digestibility from NIRS analysis of pig faeces. <i>Animal</i> , 2015, 9, 781-786.	3.3	24
22	Inclusion of sorghum, millet and cottonseed meal in broiler diets: a meta-analysis of effects on performance. <i>Animal</i> , 2015, 9, 1120-1130.	3.3	14
23	Editorial - Qualit� des produits animaux de lâ€™Indianoc�anie : des recherches pour la valorisation des produits et la protection des consommateurs. <i>Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux</i> , 2015, 67, 95.	0.5	0
24	Evaluation de la qualit� des produits du canard gras. <i>Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux</i> , 2015, 67, 135.	0.5	0
25	Editorial (in English). <i>Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux</i> , 2015, 67, 97.	0.5	0
26	S�curisation des flux d'approvisionnement en mati�res premi�res et de mise en march� des produits dans le secteur avicole : cas de la fili�re �ufs au B�nin. <i>Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux</i> , 2015, 68, 3.	0.5	1
27	Kinetics of malonaldehyde content in enriched chicken meat during isothermal cooking. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 153-159.	1.5	6
28	Selecting the quality of mule duck fatty liver based on near-infrared spectroscopy. <i>Genetics Selection Evolution</i> , 2014, 46, 38.	3.0	8
29	Polyethylene glycol compared with ytterbium oxide as a total faecal output marker to predict organic matter intake of dairy ewes fed indoors or at pasture. <i>Animal</i> , 2014, 8, 1420-1426.	3.3	4
30	Exploring the variability of a photoperiod-insensitive sorghum genetic panel for stem composition and related traits in temperate environments. <i>Field Crops Research</i> , 2014, 166, 72-81.	5.1	24
31	Detection of QTL controlling digestive efficiency and anatomy of the digestive tract in chicken fed a wheat-based diet. <i>Genetics Selection Evolution</i> , 2014, 46, 25.	3.0	16
32	Bedouin Adaptation to the Last 15-Years of Drought (1995�2010) in the North Coastal Zone of Egypt: Continuity or Rupture?. <i>World Development</i> , 2014, 62, 125-137.	4.9	12
33	Intra- and Interspecific Differences in Diet Quality and Composition in a Large Herbivore Community. <i>PLoS ONE</i> , 2014, 9, e84756.	2.5	55
34	Experimental assessment of the accuracy of genomic selection in sugarcane. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2575-2586.	3.6	105
35	Detection of QTL controlling metabolism, meat quality, and liver quality traits of the overfed interspecific hybrid mule duck1. <i>Journal of Animal Science</i> , 2013, 91, 588-604.	0.5	11
36	A method for estimating dry forage intake by sheep using polyethylene glycol as a faecal marker measured with NIRS. <i>Animal</i> , 2013, 7, 1280-1288.	3.3	8

#	ARTICLE	IF	CITATIONS
37	Reducing the environmental impact of poultry breeding by genetic selection1. Journal of Animal Science, 2013, 91, 613-622.	0.5	17
38	Genetic variability of metabolic characteristics in chickens selected for their ability to digest wheat1. Journal of Animal Science, 2013, 91, 2605-2615.	0.5	13
39	Productividad y calidad nutricional de genotipos de sorgo para doble prop ³ sito.. Agronomy Mesoamerican, 2013, 24, 119.	0.2	0
40	Rapid Prediction of the Lignocellulosic Compounds of Sugarcane Biomass by near Infrared Reflectance Spectroscopy: Comparing Classical and Independent Cross-Validation. Journal of Near Infrared Spectroscopy, 2012, 20, 371-385.	1.5	14
41	Genetic parameters of product quality and hepatic metabolism in fattened mule ducks1. Journal of Animal Science, 2011, 89, 669-679.	0.5	25
42	Improving the efficiency of feed utilization in poultry by selection. 1. Genetic parameters of anatomy of the gastro-intestinal tract and digestive efficiency. BMC Genetics, 2011, 12, 59.	2.7	38
43	Improving the efficiency of feed utilization in poultry by selection. 2. Genetic parameters of excretion traits and correlations with anatomy of the gastro-intestinal tract and digestive efficiency. BMC Genetics, 2011, 12, 71.	2.7	44
44	Experience with a variety of feed colours reduces feed neophobia in the turkey. Applied Animal Behaviour Science, 2011, 135, 78-85.	1.9	10
45	Prediction of the Chemical Composition of Poultry Excreta by near Infrared Spectroscopy. Journal of Near Infrared Spectroscopy, 2010, 18, 69-77.	1.5	22
46	Sequential feeding using whole wheat and a separate protein-mineral concentrate improved feed efficiency in laying hens. Poultry Science, 2010, 89, 785-796.	3.4	23
47	Wheat value: improvements by feed technology, plant breeding and animal genetics. World's Poultry Science Journal, 2007, 63, 585-596.	3.0	20
48	Early lysine deficiency in young broiler chicks. Animal, 2007, 1, 587-594.	3.3	14
49	Is sequential feeding a suitable technique to compensate for the negative effects of a tropical climate in finishing broilers?. Animal Research, 2006, 55, 71-76.	0.6	17
50	Evaluation du niveau de stress thermique par mesure de la temp ^o érature corporelle et du niveau d ^h yperventilation chez le poulet de chair dans des conditions de production au Venezuela. Revue D'Élevage Et De Médecine Veterinaire Des Pays Tropicaux, 2006, 59, 81.	0.5	2
51	Prediction by near Infrared Spectroscopy of the Composition of Plant Raw Materials from the Organic Fertiliser Industry and of Crop Residues from Tropical Agrosystems. Journal of Near Infrared Spectroscopy, 2005, 13, 187-199.	1.5	19
52	Effects of food deprivation and particle size of ground wheat on digestibility of food components in broilers fed on a pelleted diet. British Poultry Science, 2005, 46, 223-230.	1.7	71
53	Quelle place pour la paille de riz dans l ^h alimentation de saison s ^h che des z ^o bus en zone irrigu ^e au Sahel ? Cas du delta du fleuve S ^o n ^o gal. Revue D'Élevage Et De Médecine Veterinaire Des Pays Tropicaux, 2005, 58, 51.	0.5	1
54	Heritability of Digestibilities and Divergent Selection for Digestion Ability in Growing Chicks Fed a Wheat Diet. Poultry Science, 2004, 83, 860-867.	3.4	68

#	ARTICLE	IF	CITATIONS
55	Genetic variability for feeding value of faba bean seeds (<i>Vicia faba</i>): Comparative chemical composition of isogenics involving zero-tannin and zero-vicine genes. <i>Journal of Agricultural Science</i> , 1999, 133, 185-196.	1.3	108
56	Feeding value of three categories of pea (<i>Pisum sativum</i> , L.) for poultry. <i>Animal Science</i> , 1999, 69, 591-599.	1.3	19
57	Feeding value of pea (<i>Pisum sativum</i> , L.) 1. Chemical composition of different categories of pea. <i>Animal Science</i> , 1998, 67, 609-619.	1.3	77
58	Feeding value of pea (<i>Pisum sativum</i> , L.) 2. Nutritional value in the pig. <i>Animal Science</i> , 1998, 67, 621-625.	1.3	19
59	Modelling the mechanisms of pig growth. <i>Livestock Science</i> , 1997, 51, 97-107.	1.2	25
60	Mathematical modeling of digestion and nutrient absorption in pigs.. <i>Journal of Animal Science</i> , 1996, 74, 1873.	0.5	61
61	Calibration of total nitrogen content in seaweeds (<i>Ulva</i> sp.) by NIRS. , 0, , .		0