Oscar L Balocchi

List of Publications by Year
in descending order

54 papers	481 citations	759233 12 h-index	794594 19 g-index
54 all docs	54 docs citations	54 times ranked	420 citing authors

#	Article	IF	Citations
1	Herbage Production, Nutritive Value and Grazing Preference of Diploid and Tetraploid Perennial Ryegrass Cultivars (Lolium perenne L.). Chilean Journal of Agricultural Research, 2009, 69, .	1.1	38
2	Temporal dynamics of hydraulic and mechanical properties of an Andosol under grazing. Soil and Tillage Research, 2012, 125, 44-51.	5.6	37
3	Dryingâ€"rewetting effects on N cycling in grassland soils of varying microbial community composition and management intensity in south central Chile. Applied Soil Ecology, 2011, 48, 270-279.	4.3	35
4	Carbohydrate and crude protein fractions in perennial ryegrass as affected by defoliation frequency and nitrogen application rate. Grass and Forage Science, 2017, 72, 556-567.	2.9	33
5	Temporal and spatial variability of structure dependent properties of a volcanic ash soil under pasture in southern Chile. Chilean Journal of Agricultural Research, 2011, 71, 293-303.	1.1	27
6	Sward herbage accumulation and nutritive value as affected by pasture renovation strategy. Grass and Forage Science, 2015, 70, 283-295.	2.9	26
7	Competitive Strategies and Growth of Neighbouring <scp>B</scp>romus valdivianus Phil. and <scp>L</scp>olium perenne L. Plants Under Water Restriction. Journal of Agronomy and Crop Science, 2013, 199, 449-459.	3.5	16
8	Does the â€œhigh sugarâ€•trait of perennial ryegrass cultivars express under temperate climate conditions?. Grass and Forage Science, 2019, 74, 496-508.	2.9	16
9	Effect of timing of pasture allocation on production, behavior, rumen function, and metabolism of early lactating dairy cows during autumn. Livestock Science, 2015, 177, 43-51.	1.6	15
10	In Vitro Fermentation Patterns and Methane Output of Perennial Ryegrass Differing in Water-Soluble Carbohydrate and Nitrogen Concentrations. Animals, 2020, 10, 1076.	2.3	14
11	Effect of increasing pasture allowance and grass silage on animal performance, grazing behaviour and rumen fermentation parameters of dairy cows in early lactation during autumn. Livestock Science, 2012, 150, 407-413.	1.6	13
12	Sward and tiller growth dynamics of Lolium perenne L. as affected by defoliation frequency during autumn. Crop and Pasture Science, 2011, 62, 346.	1.5	12
13	Thermal Time as a Parameter to Determine Optimal Defoliation Frequency of Perennial Ryegrass (Lolium perenne L.) and Pasture Brome (Bromus valdivianus Phil.). Agronomy, 2020, 10, 620.	3.0	12
14	Productive and metabolic response to two levels of corn silage supplementation in grazing dairy cows in early lactation during autumn. Chilean Journal of Agricultural Research, 2014, 74, 205-212.	1.1	11
15	Milk production responses and rumen fermentation of dairy cows supplemented with summer brassicas. Animal, 2020, 14, 1684-1692.	3.3	11
16	Rumen In Vitro Fermentation and In Situ Degradation Kinetics of Winter Forage Brassicas Crops. Animals, 2019, 9, 904.	2.3	10
17	Diurnal Concentration of Urinary Nitrogen and Rumen Ammonia Are Modified by Timing and Mass of Herbage Allocation. Animals, 2019, 9, 961.	2.3	10
18	Nutrient concentrations and profile of non-structural carbohydrates vary among different Brassica forages. Animal Production Science, 2020, 60, 1503.	1.3	10

#	Article	IF	Citations
19	Milk production responses, rumen fermentation, and blood metabolites of dairy cows fed increasing concentrations of forage rape (Brassica napus ssp. Biennis). Journal of Dairy Science, 2020, 103, 9054-9066.	3.4	9
20	Changes in waterâ€soluble carbohydrates relative to crude protein in perennial ryegrass in response to defoliation frequency. Grassland Science, 2017, 63, 159-168.	1.1	8
21	In vitro fermentation and in situ rumen degradation kinetics of summer forage brassica plants. Animal Production Science, 2019, 59, 1271.	1.3	8
22	Interaction between herbage mass and time of herbage allocation modifies milk production, grazing behaviour and nitrogen partitioning of dairy cows. Animal Production Science, 2019, 59, 1837.	1.3	8
23	Water-Soluble Carbohydrate Recovery in Pastures of Perennial Ryegrass (Lolium perenne L.) and Pasture Brome (Bromus valdivianus Phil.) Under Two Defoliation Frequencies Determined by Thermal Time. Agriculture (Switzerland), 2020, 10, 563.	3.1	8
24	Milk production, grazing behavior and nutritional status of dairy cows grazing two herbage allowances during winter. Chilean Journal of Agricultural Research, 2016, 76, 34-39.	1.1	8
25	Effect of the type of silage on milk yield, intake and rumen metabolism of dairy cows grazing swards with low herbage mass. Animal Science Journal, 2016, 87, 878-884.	1.4	7
26	Pre-Grazing Herbage Mass Affects Grazing Behavior, Herbage Disappearance, and the Residual Nutritive Value of a Pasture during the First Grazing Session. Animals, 2020, 10, 212.	2.3	7
27	The Order of Grass and Maize Silage Supplementation Modifies Milk Yield, Grazing Behavior and Nitrogen Partitioning of Lactating Dairy Cows. Animals, 2019, 9, 373.	2.3	6
28	Grazing Preference of Dairy Cows and Pasture Productivity for Different Cultivars of Perennial Ryegrass under Contrasting Managements. Animals, 2019, 9, 253.	2.3	6
29	Short-Term Effect of Daily Herbage Allowance Restriction on Pasture Condition and the Performance of Grazing Dairy Cows during Autumn. Animals, 2020, 10, 62.	2.3	5
30	The Use of Thermal Time to Describe and Predict the Growth and Nutritive Value of Lolium perenne L. and Bromus valdivianus Phil. Agronomy, 2021, 11, 774.	3.0	5
31	Phenotypic variability in Holcus lanatus L. in southern Chile: a strategy that enhances plant survival and pasture stability. Crop and Pasture Science, 2009, 60, 768.	1.5	4
32	Milk Production, Milk Quality, and Behaviour of Dairy Cows Grazing on Swards with Low and High Water-Soluble Carbohydrates Content in Autumn: A Pilot Trial. Animals, 2019, 9, 1012.	2.3	4
33	Milk production and quality from ewes grazing a plantain-chicory mixture or a grass-based permanent sward. Small Ruminant Research, 2019, 170, 91-96.	1.2	4
34	Analyzing the impact of grazing and short-term irrigation management on soil mechanical strength of a volcanic ash soil under different types of pastures. Soil and Tillage Research, 2021, 213, 105130.	5.6	4
35	LARVAS DE NOCTUIDOS EN PRADERAS PERMANENTES EN VALDIVIA, CHILE , DURANTE EL PERIODO INVERNAL. Agro Sur, 2001, 29, 27-31.	0.2	4
36	Finishing lambs on a chicory-plantain mixture or a temperate grassbased pasture: live weight gain and gastrointestinal parasitism. , 2018, 45, 11-20.		4

#	Article	IF	Citations
37	Different soil structure and water conditions affect the growing response of Lolium perenne L. and Bromus valdivianus Phil. growing alone or in mixture. Journal of Soil Science and Plant Nutrition, 2018, , 0-0.	3.4	3
38	EFECTO DE DOS INTENSIDADES DE PASTOREO SOBRE LAS PROPIEDADES HIDRÃ‰LICAS DE UN ANDISOL (DURIC HAPLUDAND). Agro Sur, 2010, 38, 30-41.	0.2	3
39	Effect of daily herbage allowance restriction on pasture characteristics and milk production by grazing dairy cows in spring. , 2018, 45, 21-34.		3
40	Evaluation of blood metabolites in dairy cows grazing under two pasture allowances and supplemented with corn silage under restricted grazing conditions. Revista Brasileira De Zootecnia, 2016, 45, 686-692.	0.8	2
41	Changes in herbage mass and time of herbage allocation modify nutritional and metabolic status of dairy cows. Chilean Journal of Agricultural Research, 2018, 78, 409-418.	1.1	2
42	Perennial ryegrass productivity and nutritive quality as affected by frequency of nitrogen fertilizer addition. Grassland Science, 2019, 65, 86-92.	1.1	2
43	Effect of dietary inclusion of winter brassica crops on milk production, feeding behavior, rumen fermentation, and plasma fatty acid profile in dairy cows. Journal of Dairy Science, 2021, 104, 10699-10713.	3.4	2
44	SELECTIVIDAD DE VACAS LECHERAS EN PASTOREO POR CULTIVARES DE Lolium perenne L. Agro Sur, 2008, 36, 15-26.	0.2	2
45	Rendimiento y composiciÃ³n mineral del forraje de una pradera permanente fertilizada con magnesio. Pesquisa Agropecuaria Brasileira, 2001, 36, 1309-1317.	0.9	2
46	Effect of supplementation with cracked wheat or high moisture corn on milk fatty acid composition of grazing dairy cows. Chilean Journal of Agricultural Research, 2018, 78, 96-105.	1.1	1
47	Comparison of a Plantain-Chicory Mixture with a Grass Permanent Sward on the Live Weight Gain and Meat Quality of Lambs. Animals, 2020, 10, 2275.	2.3	1
48	Metabolic and Productive Response and Grazing Behavior of Lactating Dairy Cows Supplemented with High Moisture Maize or Cracked Wheat Grazing at Two Herbage Allowances in Spring. Animals, 2021, 11, 919.	2.3	1
49	FILOCRONO EN UNA PRADERA DE LOLIUM PERENNEL: EFECTO DE LA FRECUENCIA DE DEFOLIACIÃ“N Y FERTILIZACIÃ“N NITROGENADA. Agro Sur, 2011, 39, 165-176.	0.2	1
50	VARIABILIDAD FENOTÃ‚PICA EN ACCESIONES DE Bromus valdivianus Phil. Agro Sur, 2010, 38, 68-79.	0.2	1
51	Threshold values to discriminate grazing activity of dairy cows by an uni-axial accelerometer as affected by grazing season and herbage mass. Applied Animal Behaviour Science, 2021, 234, 105171.	1.9	0
52	The timing of pasture allocation and grass silage supplementation affect pasture intake, milk production and nitrogen partitioning of dairy cows. Spanish Journal of Agricultural Research, 2021, 19, e0606.	0.6	0
53	Plasticidad fenotÃ‚pica de accesiones de Holcus lanatus L. Colectadas en praderas con niveles contrastantes de fÃ³sforo disponible en el suelo. Agro Sur, 2004, 32, 13-25.	0.2	0
54	COMPORTAMIENTO INGESTIVO DE VACAS LECHERAS PASTOREANDO LOLIUMPERENNE L. CON DIFERENTE TIPO Y NIVEL DE NEOTYPHODIUM LOLII (LATCH, CHRISTENSEN Y SAMUELS). Agro Sur, 2010, 38, 222-233.	0.2	0