

# University Academic Curriculum Vitae

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**Personal information** Name: Giovanni Peratoner  
E-Mail: [giovanni.peratoner@laimburg.it](mailto:giovanni.peratoner@laimburg.it)

**Education since leaving school**

- 1995: MSc degree on Forestry Sciences. Mark: 110/110 cum laude at the University of Padova (I), Faculty of Agricultural Sciences
- 2003: PhD in Agricultural Sciences (Dr. agr.). Mark: very good (1.0) at the University of Kassel (D), Faculty of Organic Agricultural Sciences, subject: Seed propagation of indigenous species and their use for the restoration of eroded areas in the Alps.

**Present appointment**

- Technical inspector at the Laimburg Research Centre (South Tyrol, Italy) since May 2005
- Head of the research area Mountain Agriculture (since 2008), group leader Grassland Farming (since 2008) and Arable Crops (2005 to 2014), coordinator of the Laimburg strategic research pillar "Mountain areas/Altitude" (2011-2021), Deputy Director of the Institute for Mountain Agriculture and Food Technology (since 2017)

**Professional experience**

From / to	Job title	Name of academic Institution	Academic level	responsibilities
03/2004 – 04/2005	Interreg III B CADSES Project SURE (Successful restoration and rehabilitation accompanying infrastructural interventions)	Province of Pordenone (Italy), Agriculture Office (SAASD)	Researcher	Plan, organization, conduction, data analysis and reporting of field experiments
05/1999 – 03/2003	FP04-Projekt ALPEROS (Seed propagation of indigenous species and their use for the restoration of eroded areas in the Alps)	University of Kassel (D), Faculty of Organic Agricultural Sciences, Department Forage Production and Grassland Ecology Position: Activities:	PhD student	Planning, organization, conduction, data analysis and reporting of field and greenhouse experiments
07/1996 – 07/1997	Carbohydrate metabolism in <i>Lolium temulentum</i> at different CO <sub>2</sub> -levels	Institute for Grassland and Environmental Research, Aberystwyth (Wales, GB), Environmental Biology Department	visiting student with post lauream-grant	Conduction and partial data analysis and reporting of laboratory experiments
11/1994 – 02/1995	Plant communities of high altitudes pastures in the Dolomites	Swiss Federal Research Station for Agriculture Zürich-Reckenholz (CH), Plant Production Department	visiting student with grant	Data analysis and reporting of botanical data previously collected in the field

**Experience in** - Teaching contract for the module „Mountain Agriculture (ST-EMMA-

## academic teaching

- Teaching contract for the module Grassland management and feed production/Mountain Agriculture, AGR/03) within the Master „Environmental Management in Mountain Areas“ at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2021/2022.

- Teaching contract for the module Sustainable farming systems in mountain areas /Mountain Agriculture, AGR/03) within the Master „Environmental Management in Mountain Areas“ at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2020/2021.

- Teaching contract for the module „Grünlandwirtschaft/Alpicoltura“ (ST-AGR-6, AGR/02) within the Bachelor in “Agricultural and Agro-Environmental Sciences” at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2018/2019.

- Teaching contract for the module „Grünlandwirtschaft/Alpicoltura“ (ST-AGR-6, AGR/02) within the Bachelor in “Agricultural and Agro-Environmental Sciences” at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2017/2018.

- Teaching contract for the module „Grünlandwirtschaft/Alpicoltura“ (ST-AGR-10, AGR/02) within the Bachelor in “Agricultural and Agro-Environmental Sciences” at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2016/2017.

- Teaching contract for the module „Mountain Agriculture/Grassland Management“ (ST-EMMA-1, AGR/03) within the Master „Environmental Management in Mountain Areas“ at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2016/2017.

- Teaching contract for the module „Mountain Agriculture/Grassland Pastures“ (ST-EMMA-7, AGR/03) within the Master „Environmental Management in Mountain Areas“ at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2015/2016.

- Teaching contract for the module „Mountain Agriculture/Grassland Pastures“ (ST-EMMA-3, AGR/03) within the Master „Environmental Management in Mountain Areas“ at the Faculty of Science and Technology of the Free University of Bozen-Bolzano. Academic year 2014/2015.

Activities relevant to the position (in brackets the number of the activities carried out):

- Supervision of trainees at the Mountain Agriculture Department of the Laimburg Research Centre (22)

- Co-supervision of research trainee:

- M. Pardeller (2013): Wassernutzungseffizienz von *Festuca arundinacea* und *Lolium Perenne* bei unterschiedlicher Bewirtschaftungsintensität. Forschungspraktikums-Bericht, Technische Universität München.

- Co-supervision of degree thesis:

- A. Bodner (2013): Factors affecting the crude protein content of first-cut meadow forage in South Tyrol, BSc thesis, Free University of Bozen – Bolzano.

- I. Holzmann (2015): Nutrizione azotata in frumento panificabile: l'effetto della nutrizione organica, MSc thesis, University of Padova.
  - L. Vitalone (2016): Effetti quanti-qualitativi dell'azoto organico in frumento panificabile, MSc thesis, University of Padova.
  - D. Ortler (2016): Einfluss unterschiedlicher Wirtschaftsdüngergaben auf die Qualität von Winterweizen (*Triticum aestivum* L.), MSc thesis, BOKU Wien.
  - K. Urthaler (2016): Modellierung und Validierung des landwirtschaftlichen Ertrages der Grünlandflächen Südtirols, MSc thesis, Leopold Franzens University of Innsbruck.
  - A. Oberpertinger (2018): Effekt der Ausbringung von Eisensulphat und Kalkstickstoff auf breitblättrige Grünlandkräuter, BSc thesis, BOKU Wien.
  - L.E. Zampieri (2018): Analysis of energy use efficiency and nitrogen use efficiency, in a fertilization trial for three cultivars of winter wheat, MSc thesis, WUR Wageningen.
  - M. Morcote Martinez (2019): Stoichiometric responses to single versus multiple recurrent drought in mountain grassland. MSc thesis, Free University of Bozen – Bolzano, University of Innsbruck.
  - E. Depetris E. (2022): The effect of management intensity on the botanical composition and nutritional status of moderately species-rich permanent meadows. MSc thesis, Free University of Bozen – Bolzano, University of Innsbruck.
- Supervision of degree thesis:
- I. Chini (2018): Valutazione degli effetti dell'impiego di Haischittlar sulla qualità dei foraggi, BSc thesis, Free University of Bozen – Bolzano.
  - E. Depetris (2018): Caratterizzazione varietale di orzo da birra per la coltivazione in aree montane, BSc thesis, Free University of Bozen – Bolzano.
  - Bastian Zwack (2019): Seed bank and short-term effect of organic fertilization on the botanical composition of permanent meadows in South Tyrol. MSc thesis, Free University of Bozen – Bolzano, University of Innsbruck.
  - M. Mayr (2019): The effect of management intensity on the competition between lead species in moderately species-rich permanent meadows. BSc thesis, Free University of Bozen.
  - M. Bonet (2020): Effetti della siccità e dell'intensità gestionale sul bilancio dei nutrienti di prati permanenti. BSc thesis, Free University of Bozen.
- Organization and conduction of seminars for the determination and analysis of grassland seeds (2) for the students of the Grassland course at the University of Kassel (academic years 2001/2002 and 2002/2003).
- Organization and conduction of field seminars for scholars and students (Oberschule für Landwirtschaft Auer, Fachschule für Landwirtschaft Salern) for the assessment of the botanical composition of permanent meadows and their agronomic evaluation (8)

## Memberships

- 2005-2012: member of the expert platform Forage production (Fachgruppe Futterbau) of the Südtiroler Bergbauernberatung.
- since 2010: member of the expert platform Forage production and conservation (Fachgruppe Futterbau und Futterkonservierung) of the Austrian Grassland Federation (ÖAG).
- since 2011: member of the expert platform Seed production and breeding (Saatgutproduktion und Züchtung) of the Austrian

Grassland Federation (ÖAG).

- 2010-2016: member of the Italian Interregional network for Agricultural, Forestry, Aquaculture and Fishery Research, Focus Group Agricultural Biodiversity.

- 2010 + 2015: member of the expert jury of the grassland competition "Wiesenmeisterschaft 2010".

- since 2012: member of the directive board of the Italian Society for the study and the enhancement of the alpine livestock systems (SoZooAlp).

- 2014-2015: member of the EIP AGRI Focus Group "Profitability of permanent grassland".

- since 2014: member of the expert platform "Forage production" of BRING (Südtiroler Beratungsring für Berglandwirtschaft).

- since 2016: Accademico Aggregato to the Sezione Nord Est of the Accademia dei Georgofili.

- since 2017: member of the working group on fertilisation with animal manure in Natura 2000-areas in South Tyrol.

- since 2019: member of the working group for the revision of the guidelines for fertilisation in agriculture in South Tyrol to preserve water quality.

- Member of the scientific committee of the 19<sup>th</sup> Symposium of the European Grassland Federation "Grassland resources for extensive farming systems in marginal lands: major drivers and future scenarios" in Alghero (I) and responsible editor of the session "Alternative and multiple uses of grassland resources" (68 papers).

- Member of the scientific committee of the 20<sup>th</sup> Meeting of the FAO-CIHEAM Mountain Pastures subnetwork "Adapting Innovation in Grassland Management to Farmers' Needs to Face Social and Climatic Changes", 9-12 September 2018, Lofoten Island (Norway).

- Member of the scientific committee of the joint EAAP-FAO-CIHEAM Meeting held in June 2021 in Bled (Slovenia).

- Member of the scientific committee of the international grazing conference (Internationale Weidetagung), 7-8 June 2022 in Bozen-Bolzano.

- Since 2021: member of the Advisory Board of the European Grassland Federation

## Research and scholarships

In my applied research activities at Laimburg Research Centre, I cover most relevant topics related to grassland farming (in brackets the number of ongoing or concluded projects on the topic during the last 10 years):

- Yield, forage quality and long-term ecological sustainability of permanent meadows in dependence of grassland management (fertilisation, timing of cut) and meteorological factors (i.e. drought) (3).

- Development of a cost-saving, user-friendly, web-based, GIS-supported tool for the on-line estimation of the potential forage quality of permanent meadows at the first cut based on management, meteorology and botanical factors (webGRAS). Innovative element: exploiting the opportunities of EDP and GIS to provide farmers with customized, readily implementable information (4).

- Potential of grazing management in the South Tyrolean and European context (3).

- Development of an insurance system against drought damages based on meteorological and/or remote sensing data (3)

- Study of the costs of forage production depending on altitude and steepness of mountain grassland (participatory study in cooperation with local farmers) (2).

- Cultivar testing of relevant grassland forage species (*Festuca arundinacea*, *Dactylis glomerata*, *Trifolium pratense*) (4).

- Optimization and field test of seed mixtures for the establishment of permanent meadows and temporary grassland in mountain environment (6).
- Storage, treatment and application of farmyard manure (1).
- Nutrient balance in grassland and arable crops (participatory study in cooperation with local farmers) (1).
- Prevention and control of grassland weeds (4).

## Publications

Publications of the last 15 years. Main authors in Italics.

### Books – Authored

1. *Krautzer, B.*; Wittmann, H.; Peratoner, G.; Graiss, W.; Partl, C.; Parente, G.; Venerus, S.; Rixen, C.; Streit, M. (2006). Site-specific high zone restoration in the alpine region. The current technical development. HBLFA Raumberg-Gumpenstein, Irdning.

### Books – Edited

2. *Porqueddu C., Franca A., Molle G., Lombardi G., Peratoner G., Hopkins A.* (eds.) (2017). Grassland resources for extensive farming systems in marginal lands: major drivers and future scenarios. Proceedings of the 19th symposium of the European Grassland Federation, Alghero, Italy 7-10 May 2017, Wageningen Academic Publishers (Grassland Science in Europe, 22), Wageningen. ISBN: 978-88-901771-9-4

### Chapters in books

3. Peratoner G. (2006). Capitolo 21. Piste da sci. In: Sauli G., Cornellini P., Preti F. (ed.): Manuale di ingegneria naturalistica, Volume 3, Sistemazione dei versanti. Regione Lazio, Roma, pp. 511-519.
4. *Peratoner G., Peeters A.* (2019). Cutting management and hay making. In: van den Pol-van Dasselaar A., Bastiaansen-Aantjes L., Bogue F. et al. (eds.). Grassland syllabus. A syllabus for young farmers as result of Inno4Grass. Éditions Quae, Versailles Cedex, pp. 73-79. ISBN: 978-2-7592-3145-4
5. *Peratoner G., Komainda M., Isselstein J.* (2019). Grassland species and sward assessment. In: van den Pol-van Dasselaar A., Bastiaansen-Aantjes L., Bogue F. et al. (eds.). Grassland syllabus. A syllabus for young farmers as result of Inno4Grass. Éditions Quae, Versailles Cedex, pp. 27-37. ISBN: 978-2-7592-3145-4
6. *Komainda M., Peratoner G., Schiebenhöfer N., Isselstein J.* (2019). Other macro- and micronutrients. In: van den Pol-van Dasselaar A., Bastiaansen-Aantjes L., Bogue F. et al. (eds.). Grassland syllabus. A syllabus for young farmers as result of Inno4Grass. Éditions Quae, Versailles Cedex, pp. 105-107. ISBN: 978-2-7592-3145-4
7. *Komainda M., Peratoner G., Schiebenhöfer N., Isselstein J.* (2019). Use of animal manure. In: van den Pol-van Dasselaar A., Bastiaansen-Aantjes L., Bogue F. et al. (eds.). Grassland syllabus. A syllabus for young farmers as result of Inno4Grass. Éditions Quae, Versailles Cedex, pp. 100-105. ISBN: 978-2-7592-3145-4

8. *Komainda M., Peratoner G., Schiebenhöfer N., Isselstein J.* (2019). Liming. In: van den Pol-van Dasselaar A., Bastiaansen-Aantjes L., Bogue F. et al. (eds.). *Grassland syllabus. A syllabus for young farmers as result of Inno4Grass.* Éditions Quae, Versailles Cedex, pp. 98-100. ISBN: 978-2-7592-3145-4

Articles in refereed academic journals and in peer-reviewed conference proceedings (Grassland Science in Europe is the running title of the peer-reviewed Proceedings of the conferences of the European Grassland Federation)

9. Peratoner G. (2006). Extreme sites and their restoration requirements in Arctic-Alpine climatic regions. In: Krautzer B., Hacker E. (ed.): *Soil-bioengineering: ecological restoration with native seed and plant material.* Invited paper. HBLFA Raumberg-Gumpenstein, German Federation for Soil-Bioengineering, Irnding, pp. 37-42.
10. *Diana E., Peratoner G., Venerus S.* (2006). The use of auxiliary materials for the road embankments restoration and landscape construction. In: Krautzer B., Hacker E. (ed.): *Soil-bioengineering: ecological restoration with native seed and plant material.* Invited paper. HBLFA Raumberg-Gumpenstein, German Federation for Soil-Bioengineering, Irnding, pp. 161-166.
11. *Peratoner G., Joergensen R.G., Spatz G.* (2007). Growth of *Trifolium alpinum*: Effects of soil properties, symbionts and pathogens. *Ecological Engineering* 30: 349-355. <https://doi.org/10.1016/j.ecoleng.2007.04.004>
12. *Egger P., Holzer G., Segato S., Werth E., Schwiendbacher F., Peratoner G., Andrighetto I., Kasal A.* (2007). Effects of oilseed supplements on milk production and quality in dairy cows fed a hay-based diet. *Italian Journal of Animal Science* 6: 395-405. <https://doi.org/10.4081/ijas.2007.395>
13. *Krautzer B., Graiss W., Peratoner G.* (2007). Seed production of subalpine and alpine leguminosae. In: Helgadottir A., Pötsch E.M. (ed.): *Cost 852: quality legume-based forage systems for contrasting environments.* Final meeting at HBLFA Raumberg-Gumpenstein, Austria August 30th to September 3rd. Irnding, pp. 197-201.
14. *Peratoner G., Scherer E., Pramsohler M., Gallmetzer W.* (2009). Effect of inoculation, plant density and plant stand development on the seed multiplication of *Trifolium alpinum*. *Grassland Science in Europe* 14: 493-496.
15. *Peratoner G., Figl U., Gottardi S., Bodner A., Werth E., Kasal A.* (2009). Temporal variability in the forage production of a protected area with heterogeneous vegetation types. *Grassland Science in Europe* 14: 547-550.
16. *Kasal A., Stimpfl E., Peratoner G.* (2010). A test of sampling methods for the investigation of forage quality in permanent meadows. *Grassland Science in Europe* 15: 542-544.
17. *Peratoner G., Bodner A., Stimpfl E., Werth E., Schaumberger A., Kasal A.* (2010). A simple model for the estimation of protein content of first-cut meadow forage. *Grassland Science in Europe* 15: 539-541.
18. *Peratoner G., Gottardi S., Werth E., Figl U., Bodner A., Kasal A.* (2010). Suitability of seed mixtures for intensively farmed permanent meadows in a mountain environment. *Grassland*

*Science in Europe* 15: 536-538.

19. Krautzer B., Graiss W., Peratoner G., Partl C., Venerus S., Klug B. (2011). The influence of recultivation technique and seed mixture on erosion stability after restoration in mountain environment. *Natural Hazards* 56: 547-557. <https://doi.org/10.1007/s11069-009-9491-z>
20. Florian C., Kasal A., Werth E., Peratoner G. (2011). Strategies for mechanical weed control of False Hellebore (*Veratrum album* L.). *Grassland Science in Europe* 16: 178-180.
21. Peratoner G., Gottardi S., Florian C., Klotz C., Figl U., Santer J., Kasal A. (2011). Effect of application timing on the effectiveness of chemical weed control of Alpine ragwort. *Grassland Science in Europe* 16: 202-204.
22. Bassignana M., Clementel F., Kasal A., Peratoner G. (2011). The forage quality of meadows under different management practices in the Italian Alps. *Grassland Science in Europe* 16: 220-222.
23. Peratoner G., Florian C., Klotz C., Figl U., Gottardi S. (2011). Effect of forage conservation on the leaf texture of tall fescue. *Grassland Science in Europe* 16: 223-225.
24. Peratoner G., Klotz C., Florian C., Figl U., Bodner A., Kasal A., Trombetta M.F., D'Ottavio P. (2011). Assessing the adequacy of stocking rates on protected pasture vegetation. *Grassland Science in Europe* 16: 607-609.
25. Klotz C., Cassar A., Florian C., Figl U., Bodner A., Peratoner G. (2012). Selenium fertilisation of grassland: effect of frequency and methods of application. *Grassland Science in Europe* 17, 367-369.
26. Peratoner G., Gallmetzer W., Klotz C., Florian C., Figl U., Pramsohler M. (2012). Seed multiplication of *Trifolium alpinum*: crop persistency and harvesting methods. *Grassland Science in Europe* 17, 511-513.
27. Peratoner G., De Ros G., Senoner J. L., Figl U., Florian C. (2013). Costs of forage production in disadvantaged mountain areas. *Grassland Science in Europe* 18, 332-334.
28. Peratoner G., Florian C., Figl U., Klotz C., Gottardi S., Kasal A. (2013). Effects of intensive management on the biomass composition of mountain meadows under recurrent drought. *Grassland Science in Europe* 18, 225-227.
29. Pardeller M., Schäufele R., Pramsohler M., Peratoner G. (2014). Water use efficiency of tall fescue (*Festuca arundinacea* Schreb.) and perennial ryegrass (*Lolium perenne* L.) under different management intensity. *Grassland Science in Europe* 19, 163-165.
30. Romano G., Schaumberger A., Piepho H.-P., Bodner A., Peratoner G. (2014). Optimal base temperature for computing growing degree-day sums to predict forage quality of mountain permanent meadow in South Tyrol. *Grassland Science in Europe* 19, 655-657.
31. Peratoner G., Figl U., Florian C., Klotz C., Gottardi S. (2014). Effectiveness of grassland management and mechanical methods for the weed control of *Colchicum autumnale* in permanent meadows. *Grassland Science in Europe* 19, 418-420.
32. Peratoner G., Seling S., Klotz C., Florian C., Figl U., Schmitt A.O. (2015). Variation of agronomic and qualitative traits and local adaptation of mountain landraces of winter rye (*Secale cereale* L.) from Val Venosta/Vinschgau (South Tyrol). *Genetic*

*Resources and Crop Evolution* 63, 261-273.  
<https://doi.org/10.1007/s10722-015-0245-3>

33. Bodner A., Prünster T., Reiterer R., Peratoner G. (2016). Hay sampling methods affect the results of forage analyses. *Grassland Science in Europe* 21, 179–181.
34. Peratoner G., Romano G., Piepho H.-P., Bodner A., Schaumberger A., Resch R., Pötsch E.M. (2016). Suitability of different methods to describe the botanical composition for predicting forage quality of permanent meadows at the first cut. *Grassland Science in Europe* 21, 311–313.
35. Peratoner G., Romano G., Schaumberger A., Piepho H.-P., Resch R., Bodner A. (2016). webGRAS: a web application to estimate the potential forage quality of mountain permanent meadows. *Grassland Science in Europe* 21, 203–205.
36. Pietrogiovanna M., Spechtenhauser R., Gluderer P.M., Broll M., Peratoner G. (2016). Timing of different non-chemical control strategies of narrow-leaved ragwort (*Senecio inaequidens*) in grassland. *Grassland Science in Europe* 21, 501–503.
37. Romano G., Piepho H.-P., Schaumberger A., Bodner A., Peratoner G. (2016): Statistical models to estimate the potential forage quality of permanent meadows at the first cut. *Grassland Science in Europe* 21, 305–307.
38. Coppa M., Cabiddu A., Elsässer M., Hulin S., Lind V., Martin B., Mosquera-Losada M.R., Peeters A., Prache S., van den Pol-van Dasselaar A., Peratoner G. (2017). Grassland-based products: quality and authentication. *Grassland Science in Europe* 22, 39-60.
39. Peratoner G., Pramsohler M., Vitalone L., Kasal A. (2017). Vegetation dynamics of seed mixtures containing tall fescue (*Festuca arundinacea* Schreb.). *Grassland Science in Europe* 22, 588-590.
40. Peratoner G., De Ros G., Senoner J.-L., Figl U., Florian C. (2017). Effect of slope and altitude on the costs of forage production in mountain areas. *Grassland Science in Europe* 22, 215-217.
41. Peratoner G., Vitalone L., Pramsohler M., Kasal A. (2017). Effect of irrigation and N fertilisation on the botanical composition of mountain grassland. *Grassland Science in Europe* 22, 212-214.
42. Peratoner G., Kasal A., Florian C., Pramsohler M. (2018). Accuracy of visual assessment of the plant stand type for the estimation of forage quality. *Grassland Science in Europe* 23, 950–952.
43. Peratoner G., Resch R., Figl U., Florian C., Bodner A., Vitalone L. (2018). Performance of seed mixtures containing tall fescue (*Festuca arundinacea* Schreb.) for permanent meadows in mountain areas. *Grassland Science in Europe* 23, 316–318.
44. Peratoner G., Vitalone L., Figl U., Kasal A. (2018). Effect of drought on growth rate and forage quality of different pasture types in a protected area. In: Lind V., Meisfjord Jørgensen G., Schei Pongo E. and Lombardi G. (Eds.): Adapting Innovation in Grassland Management. Book of abstracts. 20th meeting of the FAO-CIHEAM Mountain Pasture Network 9th-12th September 2018 in Ballstad, Lofoten, Norway. Tjøtta: NIBIO (NIBIO BOOK, Vol 4 no 11), 80–81.
45. van den Pol-van Dasselaar A., Becker T., Botana Fernández A., Hennessy T., Peratoner G. (2018). Social and economic



- impacts of grass based ruminant production. *Grassland Science in Europe* 23, 697–708.
46. van den Pol-van Dasselaar A., Baste-Sauvaire F., Bogue F., Carlsson A., Delaite B., Goliński P., Isselstein J., Peratoner G. (2019). Using the influencing factors for grassland farmers in bridging the gap between practitioners and scientists. *Grassland Science in Europe* 24, 530-532.
  47. Peratoner G., Querini M., Figl U. (2019). Effect of water stress on grass species in sown permanent swards. *Grassland Science in Europe* 24, 176-178.
  48. Peratoner G., Pötsch E. M. (2019). Methods to describe the botanical composition of vegetation in grassland research. *Die Bodenkultur: Journal of Land Management, Food and Environment* 70 (1), 1-18, DOI: 10.2478/boku-2019-0001.
  49. Peratoner G., Florian C., Mairhofer F., Baste-Sauvaire F., Bogue F., Carlsson A., Czerwińska A., Delaby L., Delaite B., de Kort H., Fradin J., Jacquet D., Kaemena F., Krause A., Melis R., Nilsdotter-Linde N., Pascarella L., Paszkowski A., Peeters A., van den Pol-van Dasselaar A. (2019). Effect of training and methodology development on the effectiveness of discussion groups on grassland innovation. *Grassland Science in Europe* 24, 509-511.
  50. Mairhofer F., Florian C., Weiss A., Pfeifer A., Plitzner C., Prünster T., van den Pol-van Dasselaar A., Peratoner G. (2019). A method to lead discussion groups for the analysis of grassland innovations. *Grassland Science in Europe* 24, 500-502.
  51. Jäger H., Peratoner G., Tappeiner U., Tasser E. (2020). Grassland biomass balance in the European Alps: current and future ecosystem service perspectives. *Ecosystem Services* (45), 101163, DOI: 10.1016/j.ecoser.2020.101163.
  52. Mairhofer F., Peratoner G., Wenter M., Figl U., Matteazzi A. (2020). Silomais-Sortenprüfung in Südtirol für das Jahr 2019. *Laimburg Journal* 2, DOI: 10.23796/LJ/2020.004.
  53. Peratoner G., Sartori C., Schwienbacher F., Kasal A. (2020). Phänotypische Vielfalt der Südtiroler Getreidelandsorten. *Laimburg Journal* 2, DOI: 10.23796/LJ/2020.001.
  54. Peratoner G., Niedrist G., Figl U., Della Chiesa S., Vitalone L., Matteazzi A. (2020). Effect of growing degree days and soil moisture on forage quality. *Grassland Science in Europe* 25, 130-132.
  55. Mairhofer F., van den Pol-van Dasselaar A., Höllrigl P., Baste-Sauvaire Fanny, Bastiaansen-Aantjes L., Bogue F., Carlsson A., Delaby L., Delaite B., de Kort H., Fradin J., Jacquet D., Kaemena F., Krause A., Melis R., Nilsdotter-Linde N., Pascarella L., Paszkowski A., Peeters A., Przepiora A., Schiebenhöfer N., Peratoner G. (2020). A European survey of grassland innovations captured by practice and science meetings. *Grassland Science in Europe* 25, 737-739.
  56. Peratoner G., Figl U., Mittermair P., Soini E., Matteazzi A. (2020). Effect of the regrowth on the prediction of forage quality based on growing degree days. *Grassland Science in Europe* 25, 25-27.
  57. Mairhofer F., Peratoner G., Wenter M., Figl U., Matteazzi A. (2020). Silomais-Sortenprüfung in Südtirol für das Jahr 2019. *Laimburg Journal* 2, DOI: 10.23796/LJ/2020.004.
  58. Peratoner G., Mittermair P., Mairhofer F. (2021). Botanical composition and progress of the growing season affect

assessments of herbage yield based on compressed sward height. *Grassland Science in Europe* 26, 220-222.

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Date

Signature

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