

## **CURRICULUM VITAE**

### **Prof. Stefano Cesco**

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### **Affiliations**

*Member of:*

- Italian Society of Agricultural Chemistry (SICA) since 1994;
- International Society of Horticultural Science (ISHS) since 2001;
- International Humic Substances Society (IHSS) since 2002;
- International Scientific Centre of Fertilizers (CIEC) since 2006;
- Italian Scientists Association (ISA) since 2020.

*Institutional roles played within the Scientific Societies*

- 2006-2007 and 2020-2021 member of the Executive Council of the Italian Life Sciences Federation (FISV);
- 2007-2015 technical secretary of the Italian Association of Agricultural-Scientific Societies (AISSA).
- 2006-2007 secretary-treasurer, 2018-2019 Vice-President, 2020-2021 President, 2022-2023 Past-President of the Italian Society of Agricultural Chemistry (SICA)

### **Current position**

- Full professor of Agricultural Chemistry (SSD AGR/13)
- Member of the PhD committee of the PhD Program in Food Engineering and Biotechnology

### **Education**

- 1989: Graduate with Honor in Agricultural Science at the University of Udine;
- 1995: PhD in Crop Productivity, *curriculum Biotechnology and Soil Chemistry*, University of Padua.

### **Academic experience**

#### **Previous academic roles**

1997/2001: Leading Technician of the Poly-functional Laboratory at the Experimental Farm "A. Servadei" of the University of Udine;

2001/2006: Assistant Professor of Agricultural Chemistry at the Department of Agricultural and Environmental Science (University of Udine);

2006/2010: Associate Professor of Agricultural Chemistry at the Department of Agricultural and Environmental Science (University of Udine);

Since 2010: Full professor of Agricultural Chemistry at the Faculty of Science and Technology (University of Bolzano).

#### **Scientific experiences in foreign research institutions**

27/01-28/02/1997: Visiting scientist at the Institut für Pflanzenernährung, (University of Hohenheim, Stuttgart, prof. V. Römheld), *Reduction of natural FeIII-chelates in roots of whole plants and in root plasma membrane vesicles*, funded by Italian CNR ("programme for short-term mobility");

01/09/1999-29/02/2000: Visiting scientist at the Institut für Pflanzenernährung, (University of Hohenheim, Stuttgart, prof. V. Römheld), *Physiological adaptation of crops to low phosphorous availability*, funded by Italian CNR ("grant in memory of Prof. F. Monastra");

08/11-17/12/2004: Visiting scientist at the Institut für Pflanzenbiologie (University of Zurich, Switzerland, prof. E. Martinoia), *Characterization of mechanisms involved in the citrate release in plasma membrane vesicles*

*isolated from cluster roots of white lupin*, funded by Italian CNR ("Agreement of scientific cooperation between CNR/FNS, Free exchange");

22/09-04/10/2014 – Visiting Professor at the Federal University of Santa Maria (UFSM) and at the Santa Catarina State University (UDESC), Brazil, PhD Course taught: *Soil-plant interaction involved in mineral nutrition*, funded by Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPQ, Prof. Dr. Gustavo Brunetto),

24/05-10/06/2022 – Visiting Professor at the Instituto de Ciencias Ambientales y evolutivas, Facultad de Ciencias, Universidad Austral de Chile (UACH), Campus Isla Teja - Valdivia – Chile [funded by Fondecyt 1180699 – Chile - Prof. Dr. Alejandra Zúñiga Feest], PhD Course taught: *Plant Mineral Nutrition in a context of a more sustainable agriculture*.

### **Institutional roles:**

- Member, initially as a researcher and later as an associate professor, of the Board of the Department of Agricultural and Environmental Sciences at the University of Udine (2003-2006 and 2006-2009);
- Elected member of the Board of the University of Udine and the University Personnel Commission (2009-2010).
- President of the Council of the Degree Course in Agricultural Sciences and Technologies (L-25) at the Faculty of Sciences and Technologies of the Free University of Bolzano (2011-2014).
- Member of the Joint Coordination Committee of the inter-university master's degree Course (Uni-Bolzano and Uni-Trento) in Energy Engineering (LM-30) (2016-2020).
- Contact for the inter-university master's degree course in Viticulture, Oenology, and Wine Markets (LM-69), offered jointly with Uni-Bolzano/Uni-Udine/Uni-Padova/Uni-Verona (2016-2017); President of the Coordination and Steering Committee for the e Study Course among the four Universities (2018-2020).
- Vice Dean (2011-2014) and Dean (2014-2020) of the Faculty of Science and Technology and member of the Academic Senate of the Free University of Bolzano.
- Coordinator of the Disciplinary College of the Free University of Bolzano (2014-2015).
- President of the Quality Presidium of the Free University of Bolzano (2014-2015).
- Rector's Delegate for relations and institutional academic developments of the Free University of Bolzano and member of the working group of non-state universities within the CRUI (2012);
- Rector's Delegate representing the University of Bolzano within the National AGRITECH Center under the PNRR (2022-present).
- Member of the MUR-CUN-AISSA-AGRARIA Conference Coordination working Group for university teaching, research, and third mission activities for Area 07 of Agricultural and Veterinary Sciences (2016-2018).
- President's Delegate within the Association for European Life Science Universities (ICA) (2014-present) and member of the board of ICA-EDU Network for Innovation in Life Sciences Higher Education of ICA (2021-present).
- Member of the Agronomists and Forestry Doctors Chamber of Friuli-Venezia Giulia (Italy);
- Member of the technical-scientific Committee of the CONAF Study Center for the lifelong learning programs (2014-2018).

### **Research activity**

Author/co-author of more than 300 scientific products and 4 patents in the field of crop production (**Scopus, Cescos Stefano, 05/03/2024: manuscripts: 194; total number of citations: 7553; H-index: 46, [orcid.org/0000-0001-5191-0520](https://orcid.org/0000-0001-5191-0520)**).

### **Areas of scientific interest**

- Role of membrane activities in the plant's response to stresses and fluctuations in nutrient availability.
- Effect of humic molecules on the plant mineral nutrition.
- Environmental monitoring and effects of pollutants on crops and their productions.
- Agricultural products' traceability.
- Challenges in Higher Education in the Agronomical, Forestry, and Animal Production Domain.

### **Projects (active in the last 5 years)**

- 2023 – 2025 - Circular Economy and sustainable agriculture: hydroxyapatite from biowastes as smart nAnofertilizer (CLEOPATRA), Funded by MUR - PRIN 2022, Role: In charge UR, 69000€

- 2022-2025 - National Center AGRITECH – unibz contribution, Funded by MUR, Role: In charge of unibz, 2048694€
- 2021-2022 - Unraveling molecular mechanisms linking root development to nutrients availability (UMOR-d), Funded by Provincia Autonoma di Bolzano - Seal of Excellence, Role: Principal Investigator, 141000€
- 2019 -2020 - Plant's developmental plasticity to adapt to nutritional stresses and needs (SENSE2GROW). Funded by the Autonomous Province of Bolzano. Role: Coordinator. Budget: 99500€.
- 2019-2021 - Hyperspectral images for inspection applications (H2I). Funded by FESR-ERDF 2014-2020. Role: In charge RU. Budget: 201878€.
- 2018-2021 - Hydrothermal carbonization of Biogas digestate for hydroPonics: an innovative concept of bio-refinery (HB Ponics). Funded by FESR-ERDF 2014-2020. Role: Coordinator. Budget: 237150€.

### **Editorial and reviewer activity**

Member of the Editorial Board of Agricultural Chemistry for Foxwell & Davies Inc (Italy), Associate Editor of Frontiers in Plant Nutrition, Agronomy, Plant and Soil, and Scientific Reports.

Reviewer of project proposals for: the Austrian Science Fund (FWF) (A); the Czech Science Foundation (CZ); the Estonian Research Council (EW); the Netherlands Organisation for Scientific Research and Dutch Research Council (NWO) (NL); the Research Council of Norway (N); the Swiss National Science Foundation (SNSF) (CH); the Irish Agriculture and Food Development Authority (IRL); the Leibniz Association (Berlin) (D); the EU Research Executive Agency - Unit B2 – Sustainable resources for food security and growth; Research and Innovation Foundation – Cyprus (CY); National Research Foundation – Prime Minister's Office – Singapore (SG); University of Innsbruck (A). Evaluator of national and international Ph.D thesis and Evaluator for ANVUR in the VQR exercises 2004-2010, 2011-2014 and 2015-2019.

### **Awards received:**

#### *for the Best Poster at national congresses:*

- Capici et al., 2013. Italian Society of Agricultural Chemistry (SICA), Napoli.
- Fijan et al., 2013. Italian Association of Agricultural-Scientific Societies (AISSA), Piacenza.
- Fijan et al., 2014. Italian Society of Agricultural Chemistry (SICA), Bolzano.
- Gattullo et al., 2014. International PhD School (SICA), Piacenza.
- Zanin et al., 2015. International PhD School (SICA), Piacenza.
- Tomasi et al., 2015. Italian Association of Agricultural-Scientific Societies (AISSA), Torino.
- Feil et al., 2019. International PhD School (SICA), Palermo.
- Porfido et al., 2021. II SPSS Conference, Torino.
- Porfido et al., 2022. Italian Society of Agricultural Chemistry (SICA), Pisa.
- Monterisi et al., 2022. Italian Society of Agricultural Chemistry (SICA), Pisa.

#### *for the Best Poster at international congresses:*

- Terzano et al., 2014. 20th World Congress of Soil Science (WCSS), Jeju, Korea.
- Pii et al., 2014. Eur. Society of New Methods in Agr. Research (ESNA), Bolzano.
- Valentinuzzi et al., 2015. Eur. Society of New Methods in Agr. Research (ESNA), Brno (Czech Republic).

#### *for Master thesis:*

- Master Thesis Award of the Accademia di Agricoltura, Scienze e Lettere di Verona (title: *Apollinare Veronesi*, Edition 2012), title: *Analisi Molecolare dei meccanismi di rilascio di essudati radicali in piante di lupino bianco*, University of Udine (Italy), Master student: Fabio Valentinuzzi, tutor: Stefano Cesco e Nicola Tomasi.
- Master Thesis Award of Valpolicella Benaco Banca e da Cantina Valpolicella di Negrar (title *Vivi la Valpolicella*, XXI Edition, 2023), title: *Influence of Copper pollution on soil microbial diversity in a vineyard*, University Consortium UniUD-UniPD-UniVR-UniBZ, Master student: Marco Signorini, tutor: Youry Pii and Stefano Cesco

#### *for PhD thesis:*

- PhD Thesis Award of the Italian Society of Agricultural Chemistry (SICA) (Edition 2016), title: *Rhizosphere processes in plant nutrients (Fe and P) acquisition under limited availability*, University of Bolzano, PhD student: Fabio Valentinuzzi, tutor: Tanja Mimmo, cotutors Stefano Cesco and Nicola Tomasi.
- PhD Thesis Award of the Associazione Italiana delle Società Scientifiche Agrarie (title: "Michele Stanca» , Edition 2022), title: *Root processes shaping spatial and temporal nutrient dynamics and gradients in the*

*rhizosphere to improve crop yield and its quality*, Free University of Bolzano (Italy), PhD student: Raphael Tiziani, tutor: Stefano Cesco, co-tutor: Tanja Mimmo e Paolo Lugli.

for the scientific production:

- 2015: three articles of the Cesco's research group quoted among the 30 most relevant articles of the top ten journals in the category of SOIL SCIENCES - BIOLOGY AND FERTILITY OF SOILS (<http://blogs.equ.eu/divisions/sss/2016/07/29/top-30-papers-in-the-top-10-journals-of-the-soil-sciences-category-iv-biology-and-fertility-of-soils/>)
- since 2018 enlisted in Top Italian Scientists ([http://www.topitalianscientists.org/top\\_italian\\_scientists.aspx](http://www.topitalianscientists.org/top_italian_scientists.aspx))
- 2023 ranked 1233 in the world and 36 in Italy of Top Scientists in the field of Plant Science and Agronomy (<https://research.com/scientists-rankings/plant-science-and-agronomy>).

### List of Articles in International Refereed Journals (indexed SCOPUS - last 5 years)

1. Salehi H, Miras-Moreno B, Chehregani Rad A, Pii Y, Mimmo T, **Cesco S**, Lucini L, 2020. *Relatively Low Dosages of CeO<sub>2</sub> Nanoparticles in the Solid Medium Induce Adjustments in the Secondary Metabolism and Ionic Balance of Bean (Phaseolus vulgaris L.) Roots and Leaves*. Journal of Agricultural and Food Chemistry, 68, 67-76, ISSN: 00218561, DOI: 10.1021/acs.jafc.9b05107 (IF 3.57), Subject Category: Agricultural and Biological Sciences - General Agricultural and Biological Sciences Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077668139&doi=10.1021%2facs.jafc.9b05107&partnerID=40&md5=c8b4678d819f2b732bc53bbd5899b38f>
2. Vujinović T, Zanin L, Venuti S, Contin M, Ceccon P, Tomasi N, Pinton R, **Cesco S**, De Nobili M, 2020. *Biostimulant Action of Dissolved Humic Substances From a Conventionally and an Organically Managed Soil on Nitrate Acquisition in Maize Plants*. Frontiers in Plant Science, 10, art. no. 1652, ISSN: 1664462X, DOI: 10.3389/fpls.2019.01652 (IF 4.40), Subject Category: Agricultural and Biological Sciences - Plant Science Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079121013&doi=10.3389%2ffpls.2019.01652&partnerID=40&md5=653683456487713c5e187e56de8dcc0a>
3. Valentinuzzi F, Cavani L, Porfido C, Terzano R, Pii Y, **Cesco S**, Marzadori C, Mimmo T, 2020. *The fertilising potential of manure-based biogas fermentation residues: pelleted vs. liquid digestate*. Heliyon, 6, art. no. e03325, ISSN: 24058440, DOI: 10.1016/j.heliyon.2020.e03325 (IF 1.65), Subject Category: Multidisciplinary Q2. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078780603&doi=10.1016%2fj.heliyon.2020.e03325&partnerID=40&md5=a54fa231a6baa64aeab0cabf0730341f>
4. De Conti L, **Cesco S**, Mimmo T, Pii Y, Valentinuzzi F, B Melo GW, Ceretta CA, Trentin E, Marques ACR, Brunetto G, 2020. *Iron fertilization to enhance tolerance mechanisms to copper toxicity of ryegrass plants used as cover crop in vineyards*. Chemosphere, 243, art. no. 125298, ISSN: 00456535, DOI: 10.1016/j.chemosphere.2019.125298 (IF 5.11), Subject Category: Environmental Science Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074637715&doi=10.1016%2fj.chemosphere.2019.125298&partnerID=40&md5=87c257163a13fee0617c217e6db612ce>
5. Valentinuzzi F, Pii Y, Carlo P, Roberto T, Fontanella MC, Beone GM, Astolfi S, Mimmo T, **Cesco S**, 2020. *Root-shoot-root Fe translocation in cucumber plants grown in a heterogeneous Fe provision*. Plant Science, 293, art. no. 110431, DOI: 10.1016/j.plantsci.2020.110431 (IF 3.59), Subject Category: Agricultural and Biological Sciences - Plant Science Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078683067&doi=10.1016%2fj.plantsci.2020.110431&partnerID=40&md5=2af14ae345b72923cf162257153c04c3>
6. Maver M, Miras-Moreno B, Lucini L, Trevisan M, Pii Y, **Cesco S**, Mimmo T, 2020. *New insights in the allelopathic traits of different barley genotypes: Middle Eastern and Tibetan wild-relative accessions vs. cultivated modern barley*. PLoS ONE, 15 (4), art. no. e0231976, ISSN: 19326203, DOI: 10.1371/journal.pone.0231976 (IF 2.70), Subject Category: Multidisciplinary Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083728728&doi=10.1371%2fjournal.pone.0231976&partnerID=40&md5=d70a3cb8075da4bb99f5e5dbd37badd>
7. Astolfi S, Pii Y, Mimmo T, Lucini L, Miras-Moreno MB, Coppa E, Violino S, Celletti S, **Cesco S**, 2020. *Single and combined Fe and S deficiency differentially modulate root exudate composition in tomato: A double strategy for Fe acquisition?* International Journal of Molecular Sciences, 21 (11), art. no. 4038, pp. 1-20, ISSN: 16616596, DOI: 10.3390/ijms21114038 (IF 4.56), Subject Category: Chemistry Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086354742&doi=10.3390%2fijms21114038&partnerID=40&md5=d73e10cb7b7308531bae33c015c5a5ba>
8. Celletti S, Pii Y, Valentinuzzi F, Tiziani R, Fontanella MC, Beone GM, Mimmo T, **Cesco S**, Astolfi S, 2020. *Physiological responses to Fe deficiency in split-root tomato plants: Possible roles of auxin and ethylene?* Agronomy, 10 (7), art. no. 1000, ISSN: 20734395, DOI: 10.3390/agronomy10071000 (IF 2.60), Subject Category: Agricultural and Biological Sciences - Agronomy and Crop Science Q2. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088941531&doi=10.3390%2fagronomy10071000&partnerID=40&md5=22abbc11cbe53e6e1a59fc4035938db8>

9. Astolfi S, Caddeu F, Coppa E, Pii Y, Celletti S, **Cesco S**, Mimmo T, 2020. *Preliminary evaluation of eggshells as a source of phosphate on hydroponically grown tomato (*Solanum lycopersicum* L.) seedlings*. Journal of Plant Nutrition, 43 (12), pp. 1852-1861, ISSN: 01904167, DOI: 10.1080/01904167.2020.1750641 (IF 2.08), Subject Category: Agricultural and Biological Sciences Q2. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083632286&doi=10.1080%2f01904167.2020.1750641&partnerID=40&md5=9fec1fbc92bb721c99978417c4f8007d>
10. Tiziani R, Mimmo T, Valentinuzzi F, Pii Y, Celletti S, **Cesco S**, 2020. *Root Handling Affects Carboxylates Exudation and Phosphate Uptake of White Lupin Roots*. Frontiers in Plant Science, 11, art. no. 584568, ISSN: 1664462X, DOI: 10.3389/fpls.2020.584568 (IF 4.40), Subject Category: Agricultural and Biological Sciences - Plant Science Q1 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092760072&doi=10.3389%2ffpls.2020.584568&partnerID=40&md5=b41f0bfec47b9f0d7c01fabf2805b8d8>
11. Kolega S, Miras-Moreno B, Buffagni V, Lucini L, Valentinuzzi F, Maver M, Mimmo T, Trevisan M, Pii Y, **Cesco S**, 2020. *Nutraceutical Profiles of Two Hydroponically Grown Sweet Basil Cultivars as Affected by the Composition of the Nutrient Solution and the Inoculation With *Azospirillum brasilense**. Frontiers in Plant Science, 11, art. no. 596000, ISSN: 1664462X, DOI: 10.3389/fpls.2020.596000 (IF 4.40), Subject Category: Agricultural and Biological Sciences: Plant Science Q1 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096213252&doi=10.3389%2ffpls.2020.596000&partnerID=40&md5=c63e8616ad0ce98e37eff19aa8d3e549>
12. Kalcsits L, Lotze E, Tagliavini M, Hannam KD, Mimmo T, Neilsen D, Neilsen G, Atkinson D, Biasuz EC, Borruso L, **Cesco S**, Fallahi E, Pii Y, Valverdi NA, 2020 Recent achievements and new research opportunities for optimizing macronutrient availability, acquisition, and distribution for perennial fruit crops. Agronomy, 10 (11), art. no. 1738, ISSN: 20734395, DOI: 10.3390/agronomy10111738 (IF 2.60), Subject Category: Agricultural and Biological Sciences: Agronomy and Crop Science Q2. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098979031&doi=10.3390%2fagronomy10111738&partnerID=40&md5=32d15097fbc72406be0ce77c526ef7a4>
13. **Cesco S**, Tolotti A, Nadalini S, Rizzi S, Valentinuzzi F, Mimmo T, Porfido C, Allegretta I, Giovannini O, Perazzoli M, Cipriani G, Terzano R, Pertot I, Pii Y, 2020. *Plasmopara viticola infection affects mineral elements allocation and distribution in Vitis vinifera leaves*. Scientific Reports, 10 (1), art. no. 18759, ISSN: 20452322, DOI: 10.1038/s41598-020-75990-x (IF 4.00), Subject Category: Multidisciplinary Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094646520&doi=10.1038%2fs41598-020-75990-x&partnerID=40&md5=72cbd4aed87527c846d0c4c1c35b009d>
14. Feil SB, Pii Y, Valentinuzzi F, Tiziani R, Mimmo T, **Cesco S**, 2020. *Copper toxicity affects phosphorus uptake mechanisms at molecular and physiological levels in Cucumis sativus plants*. Plant Physiology and Biochemistry, 157, pp. 138-147, ISSN: 09819428 DOI: 10.1016/j.plaphy.2020.10.023 (IF 3.72), Subject Category: Agricultural and Biological Sciences - Plant Science Q1 . <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094103382&doi=10.1016%2fj.plaphy.2020.10.023&partnerID=40&md5=2011dcf619bc1af53fd4aaa958411ffd>
15. Celletti S, Astolfi S, Guglielmo N, Colla G, **Cesco S**, Mimmo T, 2020. *Evaluation of a legume-derived protein hydrolysate to mitigate iron deficiency in plants*. Agronomy, 10 (12), art. no. 1942, ISSN: 20734395, DOI: 10.3390/agronomy10121942 (IF 2.60), Subject Category: Agricultural and Biological Sciences: Agronomy and Crop Science Q2. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100119602&doi=10.3390%2fagronomy10121942&partnerID=40&md5=90b702c27d54ecaeb37719f0e28d068e>
16. Tiziani R, Pii Y, Celletti S, **Cesco S**, Mimmo T, 2020. *Phosphorus deficiency changes carbon isotope fractionation and triggers exudate reacquisition in tomato plants*. Scientific Reports, 10 (1), art. no. 15970, ISSN: 20452322, DOI: 10.1038/s41598-020-72904-9 (IF 4.00), Subject Category: Multidisciplinary Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091723202&doi=10.1038%2fs41598-020-72904-9&partnerID=40&md5=6834fc7892757dc415a0648b6d4b1f82>
17. Feil SB, Rodegher G, Gaiotti F, Alzate Zuluaga MY, Carmona FJ, Masciocchi N, **Cesco S**, Pii Y, 2021. *Physiological and Molecular Investigation of Urea Uptake Dynamics in Cucumis sativus L. Plants Fertilized With Urea-Doped Amorphous Calcium Phosphate Nanoparticles*. Frontiers in Plant Science, 12, art. no. 745581, ISSN: 1664462X, DOI:10.3389/fpls.2021.745581 (IF 5.44), Subject Category: Plant Science Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121586497&doi=10.3389%2ffpls.2021.745581&partnerID=40&md5=47936c03c649af737ad5b648c74602dd>
18. Valentinuzzi F, Pii Y, Borruso L, Mimmo T, Puglisi E, Trevisan M, **Cesco S**, 2021. *Epiphytic Microbial Community and Post-Harvest Characteristics of Strawberry Fruits as Affected by Plant Nutritional Regime with Silicon*. Agronomy, 11 (12), art. no. 2407, ISSN 2073-4395, DOI: 10.3390/agronomy11122407 (IF 3.94), ), Subject Category: Agronomy and Crop Science Q1. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-851229436398&doi=10.3390%2fagronomy11122407&partnerID=40&md5=df37f8ee472d2f5525954b6463580cfc>
19. Ibba P, Tronstad C, Moscetti R, Mimmo T, Cantarella G, Petti L, Martinsen ØG, **Cesco S**, Lugli P, 2021. *Supervised binary classification methods for strawberry ripeness discrimination from bioimpedance data*. Scientific Reports, 11 (1), art. no. 11202, ISSN: 20452322, DOI: 10.1038/s41598-021-90471-5, (IF 4.4), Subject Category: Multidisciplinary Q1 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106980013&doi=10.1038%2fs41598-021-90471-5&partnerID=40&md5=75fd94478ce47b764013d635fe8fd113>

20. Quagliata G, Celletti S, Coppa E, Mimmo T, **Cesco S**, Astolfi S, 2021. *Potential use of copper-contaminated soils for hemp (Cannabis sativa L.) cultivation*. *Environments - MDPI*, 8 (11), art. no. 111, ISSN: 20763298, DOI: 10.3390/environments8110111 (IF 2.52), Subject Category: Environmental Science Q2 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118168525&doi=10.3390%2fenvironments8110111&partnerID=40&md5=927cebb49c0d8bbbda04b7adbc368e83>
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