



## Curriculum Vitae



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### Informations Personnelles

Prénom / Nom	<b>Luca MONTANARELLA</b>
Numéro personnel	29362
Adresse e-mail	luca.montanarella@ec.europa.eu
Nationalité	Italie
Date de naissance	08/12/1958
Sexe	masculin
Grade	AD13

### Expérience Professionnelle

Dates	2/2015 - (en cours)
Fonction / poste occupé	<b>Senior Expert - Soil and Land Resources Management</b>
Activités / Responsabilités	Chair of the UN Intergovernmental Technical Panel on Soils (ITPS) Co-Chair of the IPBES Land Degradation and Restoration Assessment Secretary of the European Soil Bureau Network (ESBN) Secretary of the European Soil Partnership (ESP) Co-Chair of the Sino-European Panel on Land and Soil (SEPLS) Work Package Leader of the JRC WPK IndicaSDG developing soil and land related indicators for the Sustainable Development Goals (SDG) implementation process (post-2015 Sustainable Development Agenda)
Employeur	Commission européenne
Service(s)	DG JRC.H.05
Secteur d'activité	Institution européenne
Position	CONSEILLER OU NIVEAU ÉQUIVALENT
Domaine(s) d'activité	SCIENCE et RECHERCHE; RESSOURCES NATURELLES; AGRICULTURE (général) et SYLVICULTURE
Fonction(s)	STATISTIQUES et MATHÉMATIQUES (général); SCIENCE et RECHERCHE; INNOVATION et CRÉATIVITÉ; GESTION de PROCESSUS/PROJETS SPÉCIFIQUES; REPRÉSENTATION des INSTITUTIONS et NÉGOCIATION; RELATIONS avec les ÉTATS MEMBRES et les SOCIÉTÉS CIVILES; RELATIONS EXTÉRIEURES

## Expérience Professionnelle

Dates	1/1992 - 2/2015
Fonction / poste occupé	<b>Principal Administrator (AD)</b>
Activités / Responsabilités	Initially responsible of the Organic Mass Spectrometry laboratory as sector head within the Environment Institute, Unit Soil, Water, Waste. Later in charge of the European Soil Bureau project as well as of the aeropolynological forecasting of wine production in Europe within the Institute for Remote Sensing Applications, Unit MARS. Later Action leader of the SOIL action, first within the Space Applications Institute, later in the Institute of Environment and Sustainability. Main achievement has been the development of a pan-European soil information system through networking and participatory approaches involving more than 45 European countries (European Soil Bureau Network). Supporting various services of the European Commission, including DG ENV (Soil Thematic Strategy), DG AGRI and DG DEV as representative of the Commission within the Committee for Science and Technology of the UNCCD. In 2011 detached for 6 month for the conception and establishment of the Global Soil Partnership at FAO. Since 2013 chair of the Intergovernmental Technical Panel on Soils ITPS of the UN FAO. Since 2015 co-chair of the Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES) Land Degradation and Restoration Assessment (LDRA).
Employeur	Commission européenne
Service(s)	Joint Research Centre
Secteur d'activité	Institution européenne
Position	ADMINISTRATEUR - CHEF D' EQUIPE
Domaine(s) d'activité	(MICRO)BIOLOGIE et CHIMIE ORGANIQUE; SANTÉ DES PLANTES et CULTURE; CHIMIE GÉNÉRIQUE et INORGANIQUE; TECHNOLOGIES (général); ENVIRONNEMENT; CLIMAT, ENVIRONNEMENT et RESSOURCES NATURELLES; SÉLECTION et RECRUTEMENT; GESTION de la QUALITÉ et ÉVALUATION; GESTION (d'entreprise) et PLANIFICATION; UE et POLITIQUES (général); ESPACE
Fonction(s)	SCIENCE et RECHERCHE; GESTION de PROCESSUS/PROJETS SPÉCIFIQUES; SUIVI des POLITIQUES
Dates	3/1991 - 1/1992
Fonction / poste occupé	<b>Funzionario direttivo (Principal administrator)</b>
Activités / Responsabilités	Within the Ministry of Agriculture of Italy, officer in charge of the Italian Remote Sensing for Agriculture Programme (AGRIT) and of the agrometeorological observation network of Italy (Rete Agrometeorologica Nazionale, RAN).
Employeur	Ministero dell'Agricoltura e Foreste, Rome, Italy
Secteur d'activité	Administration/Entreprise publique/Semi-publique
Position	ADMINISTRATEUR
Domaine(s) d'activité	EFFICIENCE ÉCOLOGIQUE des RESSOURCES NATURELLES; SUPPORT OPÉRATIONNEL et ADMINISTRATIF et RESSOURCES; AGRICULTURE (général) et SYLVICULTURE
Fonction(s)	SCIENCE et RECHERCHE; ANALYSE et CONSEILS TECHNIQUES; TRAVAUX en LABORATOIRE et sur le TERRAIN; POLITIQUES; GESTION de PROCESSUS/ PROJETS SPÉCIFIQUES

## Expérience Professionnelle

Dates	8/1986 - 2/1991
Fonction / poste occupé	<b>Chromatography and Mass Spectrometry Specialist</b>
Activités / Responsabilités	Research and Development of new instrumentation and analytical techniques in organic analytical chemistry using chromatography and mass spectrometry (GC-MS, HPLC-MS, CZE-MS, Ion Trap-MS, MS-MS). Training and analytical support to key customer laboratories in Italy. Publication of new methods and techniques in peer reviewed scientific journals and presentation of results at major world analytical chemistry conferences.
Employeur	VARIAN Associates, Palo Alto, California, USA (Rome - Italie)
Secteur d'activité	Privé
Position	
Domaine(s) d'activité	CHIMIE GÉNÉRIQUE et INORGANIQUE; TECHNOLOGIES (général); (MICRO)BIOLOGIE et CHIMIE ORGANIQUE
Fonction(s)	TRAVAUX TECHNIQUES et TRAVAUX en LABORATOIRE; ANALYSE et CONSEILS TECHNIQUES

## Etudes (Diplômes)

Dates	1/1978 - 1/1984
Diplôme délivré	<b>Laurea in Scienze Agrarie</b>
Etablissement	Università degli Studi di Perugia - Perugia, Italie
Niveau	Enseignement de niveau universitaire d'une durée légale de 4 ans au moins
Sujet(s)	AGRICULTURE (général) et SYLVICULTURE; (MICRO)BIOLOGIE et CHIMIE ORGANIQUE; SCIENCE et RECHERCHE; ENVIRONNEMENT; EFFICIENCE ÉCOLOGIQUE des RESSOURCES NATURELLES; UTILISATION du SOL et URBANISME; DÉVELOPPEMENT RURAL (général); INNOVATION et COMPÉTITIVITÉ; FAUNE et FLORE, BIODIVERSITÉ et CONSERVATION; SANTÉ DES PLANTES et CULTURE; SANTÉ DES ANIMAUX et REPRODUCTION; MACROÉCONOMIE; MICROÉCONOMIE; ANALYSE POLITIQUE; BIOTECHNOLOGIE; CHIMIE GÉNÉRIQUE et INORGANIQUE; PHYSIQUE; INGÉNIERIE MÉCANIQUE et FABRICATION; TECHNOLOGIES VERTES et INGÉNIERIE; ÉDUCATION et FORMATION (général)
Dates	1/1965 - 1/1978
Diplôme délivré	<b>Allgemeine Hochschulreife</b>
Etablissement	Deutsche Schule Rom - Rome, Italie
Niveau	Enseignement de niveau secondaire (donnant accès à l'enseignement supérieur)
Sujet(s)	ÉDUCATION et FORMATION (général)

## Autres études

Dates	1/1985 - 1/1986
Diplôme délivré	<b>Post-Doctoral Studies</b>
Etablissement	University of Groningen - Groningen, Pays-Bas
Sujet(s)	CHIMIE GÉNÉRIQUE et INORGANIQUE; (MICRO)BIOLOGIE et CHIMIE ORGANIQUE; MÉDECINE (générale); SCIENCE et RECHERCHE
Dates	1/1984 - 1/1985
Diplôme délivré	<b>Post-Doctoral Studies</b>
Etablissement	University of Leiden, Center for Biopharmaceutical Sciences - Leiden, Pays-Bas
Sujet(s)	CHIMIE GÉNÉRIQUE et INORGANIQUE; (MICRO)BIOLOGIE et CHIMIE ORGANIQUE; MÉDECINE (générale); SCIENCE et RECHERCHE
Dates	6/1981 - 10/1981
Diplôme délivré	<b>Diploma di Erborista</b>
Etablissement	Università degli Studi di Perugia - Perugia, Italie
Sujet(s)	FAUNE et FLORE, BIODIVERSITÉ et CONSERVATION; SCIENCE et RECHERCHE; TRAVAUX en LABORATOIRE et sur le TERRAIN; ALIMENTATION D'ORIGINE VÉGÉTALE; DISPOSITIFS PHARMACEUTIQUES ET MÉDICAUX

## Formations pertinentes

Sujet	Communication et publication
Autres informations	Organisational Effectiveness and the role of communication
Sujet	Assistance opérationnelle, administrative et ressources; Budget, finances, contrats et comptabilité; Gestion et coordination; Relations extérieures
Autres informations	EDF and specificities of the different funding systems of the EC Development Policy
Sujet	Budget, finances, contrats et comptabilité; Emploi et gestion des ressources humaines; Gestion et coordination
Autres informations	SAP-PS Planning Functionalities (JRC)
Sujet	Climat, environnement et ressources naturelles; Emploi et gestion des ressources humaines; Gestion et coordination
Autres informations	IES Strategy Day
Sujet	Emploi et gestion des ressources humaines; Gestion et coordination; Relations extérieures; UE et politique
Autres informations	EAS Inter-institutional Management Training Programme
Sujet	Emploi et gestion des ressources humaines
Autres informations	First Steps in Managing People
Sujet	Assistance opérationnelle, administrative et ressources; Gestion et coordination
Autres informations	SAP-PS Introduction Hands-On
Sujet	Assistance opérationnelle, administrative et ressources; Budget, finances, contrats et comptabilité; Emploi et gestion des ressources humaines; Gestion et coordination
Autres informations	Introduction to Activity Based Management at the JRC-1+2-
Sujet	Assistance opérationnelle, administrative et ressources; Budget, finances, contrats et comptabilité; Gestion et coordination
Autres informations	EXPENDITURE LIFE-CYCLE - INTRODUCTION TO FINANCIAL MANAGEMENT
Sujet	Emploi et gestion des ressources humaines
Autres informations	Techniques d'entretien de sélection
Sujet	Emploi et gestion des ressources humaines
Autres informations	CDR- Module 5 (Ispra)
Sujet	Emploi et gestion des ressources humaines
Autres informations	THE NEW STAFF POLICY AND THE NEW CAREER DEVELOPMENT REVIEW (CDR) SYSTEM - MODULE 3

**Formations pertinentes**

Sujet	Emploi et gestion des ressources humaines; Gestion et coordination
Autres informations	Performance Management - Setting Objectives
Sujet	Assistance opérationnelle, administrative et ressources; Emploi et gestion des ressources humaines
Autres informations	New Staff Policy and New Career Development Review (CDR)
Sujet	Agriculture et développement rural; Statistiques et mathématiques; Technologies et ingénierie (TI excepté) dans les domaines scientifique et industriel
Autres informations	Remote Sensing Applied to Agricultural Statistics: Regional Inventories

**Langue(s)**

Langue maternelle Italien

Autre(s) langue(s)	Écouter	Lire	Prendre part à une conversation	S'exprimer oralement en continu	Écrire	CL(*)
Anglais	C2	C2	C2	C2	C2	X
Allemand	C2	C2	C2	C2	C2	
Français	C2	C2	C2	C1	B1	
Espagnol	C1	C1	B2	B2	A2	
Néerlandais	B1	A2	A1	A1	A1	

(\*) Langue de concours

## Connaissances

- Science & Recherche
  - Agronomie et biologie végétale
    - Agronomie
    - Modélisation de l'accroissance de la production agricole
    - Phénologie des cultures et CAPI
    - Informations des sols
    - Techniques de contrôle des sols
    - Modélisation du physique des sols
    - Protection des sols et gestion des déchets
    - Science des sols
  - Méthodes et outils d'analyse
    - Littérature et documentation scientifique
  - Techniques analytiques et de mesure
    - Analyse des mélanges complexes
    - Pratiques analytiques en laboratoire
    - Techniques analytiques de mesure
    - Techniques analytiques de mesure (telles que la spectroscopie infrarouge, la spectrométrie de masse, le traitement des données)
    - Techniques analytiques chimiques de mesure : AA, CHROMATOGRAPHIE GAZEUSE, FID, FTIR, CLHP, HRMS, PCI, LC, SM
    - Calibrage et installation d'instrument
    - Spectromètres de masse
    - Technique de mesure des EM
    - Techniques de séparation et d'analyse
    - Séparation et techniques les Ic-EM
  - Atmosphère et météorologie
    - Agrométéorologie
  - Chimie
    - Chimie analytique
    - Equipements et installations généraux en laboratoire chimiques
    - Instrumentation et pratiques en laboratoire chimiques
    - Techniques de mesures chimiques : liquide chromatographie et en phase gazeuse combinant différents détecteurs
    - Chimiométrie
  - Recherche environnementale
    - Cartographie numérique des sols
    - Cartographie et contrôle environnementaux
    - Techniques de mesure des produits chimiques organiques
  - Géophysique et science spatiale
    - Cartographie
    - Cartographie numérique, GPS, traçabilité
    - Création de l'information géographique
    - Evaluation d'éboulement
  - Hydrologie
    - Hydrologie des sols
  - Gestion de la recherche
  - Technologie des satellites
    - Observation de la terre
    - Satellites de télédétection



- Politiques
  - Agriculture et développement rural
    - Systèmes de production agricoles et agro-alimentaires
    - Contrôle agricole
    - Programmes relatifs à l'agri-environnement
    - Programmes et mécanismes de la PAC (politique agricole commune)
    - Produits végétaux
    - Agriculture biologique
    - Développement récent des politiques agricoles de l'UE
  - Développement
    - Aide à coopération et au développement
    - Fonds européen de développement (FED)
  - Environnement
    - Agriculture, sylviculture et autres utilisations des terres (AFOLU)
    - Biodiversité
    - Chimie et substances chimiques
    - Changement climatique et protection de la couche d'ozone
    - Questions relatives au climat
    - Systèmes de gestion de l'environnement (EMS)
    - Surveillance global de l'environnement et de la sécurité (GMES)
    - Conventions internationales de l'environnement
    - Conservation de la nature
    - Pesticides
    - Utilisation du sol et des terres
    - Développement durable
    - Eau et sol
  - Justice, liberté et sécurité
    - Démocratisation
      - Organisation
        - Méthodes et techniques de gestion du temps
  - Recherche et innovation
    - Recherche environnementale
    - Programmes-cadres de RDT
    - Règles de participation aux programmes de recherche de l'UE
  - Aide à la coopération
    - Coopération avec les pays en développement
- Administration
  - Règles et procédures administratives de la Commission
    - Code de bonne conduite
    - Réunions de comité
    - Conférences, expositions, réunions
    - Gestion de ressources humaines
    - Consultations interservices
    - Missions et vacances
    - Processus de projet
- Gestion des Ressources Humaines
  - Recrutement
    - Recrutement externe et sélection du personnel non statutaire (experts nationaux détachés, intérimaires, agents de contractuels)
    - Recrutement externe et sélection du personnel statutaire
- Outils Informatiques
  - Recherche et innovation
    - Applications de GIS (systèmes d'information géographique) (ArcGIS, ArcView)
    - Progiciels de GIS, tels que ER, ERDAS, ARCVIEW

## Compétences

- Gestion et Organisation
  - Règles et procédures concernant
  - Gestion des projets
    - Méthodes et techniques de contrôle des projets
    - Système de comptabilité de temps (TAS)
    - Transformation des objectifs politiques en activités et actions
  - Conception d'organisation et gestion de changement
    - Méthodes et techniques de coordination et planification
  
- Analyse et résolution de problèmes
  - Créativité
- Communication
  - Capacité de communiquer lors des réunions
  - Capacité de comprendre et de se faire comprendre
  - Capacité pour présenter des sujets à un auditoire
  - Capacité de présider des réunions
- Qualité et résultats
  - Capacité de travailler d'une manière proactive et autonome
  - Capacité d'identifier des besoins de l'utilisateur
  - Orientation vers la clientèle
- Apprentissage et développement
  - Flexibilité (ouverture à l'égard de nouvelles exigences, de nouvelles technologies, de nouvelles cultures, de nouvel environnement, etc.)
- Capacités d'encadrement
  - Capacité de diriger une équipe
  - Capacité de créer l'enthousiasme et la passion

## Autre

#### Awards

Doctor Honoris Causa in Agricultural Sciences, Agricultural Academy of the Republic of Bulgaria, Sofia, Bulgaria, 2011

#### Professional memberships

“Gesellschaft für Arzneipflanzenforschung”, (inscr. nr. 914) since 1982.

“Albo dei Dottori Agronomi e Forestali di Roma e Rieti”, (inscr. nr. 1074) since 1984.

“International Union of Soil Sciences (IUSS)”

“Honorary Fellow of the International Soil Information and reference Centre (ISRIC), Wageningen, The Netherlands”

“Member of the Industrial Advisory Board of Cranfield University, UK”

Chair of the Intergovernmental Technical Panel of Soils (ITPS), FAO, Rome, Italy

Co-Chair of the IPBES Land Degradation and Restoration Assessment, Bonn, Germany

#### Teaching

Università degli Studi di Camerino, Corso Base teorico-pratico di HPLC, Camerino (MC), 8-10 Nov. 1988.

Università Cattolica del Sacro Cuore, Facoltà di Medicina e Chirurgia “A. Gemelli”, Corso Base teorico-pratico di LC-GC, Roma, 8-10 Nov. 1989.

Regione Emilia Romagna, Unità Sanitaria Locale Ventotto, Corso Pre-Congresso “Trattamento del Campione in Cromatografia Liquida”, Bologna, 15-16 Maggio 1989.

Eurocourse “Technologies for Environmental Cleanup: Soil and Groundwater”, Ispra, 1993.

MEDSTAT – ENVIRONMENT, Training on Land use statistics, 19/1/00-2/2/00, Malta.

Invited professor at Università di Bologna, Master in Sviluppo sostenibile e gestione dei sistemi agro-ambientali, since 2001.

Organiser and teacher of the European Summer School for Soil Survey, since 2003.

#### Patents

Patent N° EP 98123846.2 “Sampling probe for the in situ extraction of organic micropollutants from groundwater”, European Commission, DG XIII-D/1, 15/12/98.

Recent Publications (partial list, full list (more than 300 publications) available separately)

Montanarella, L., Bos, R., & Fischer, F. C. (1986). The Essential Oil in Lamina and Petiole of *Heracleum dissectum* Leaves. *Planta Med*, 52(4), 332–334.

Gagliardi, L., Amato, A., Cavazzutti, G., Tonelli, D., & Montanarella, L. (1988). Identification of xanthene dyes in lipsticks by reversed-phase high-performance liquid chromatography. *Journal of Chromatography A*, 448(C), 296–300. [http://doi.org/10.1016/S0021-9673\(01\)84592-1](http://doi.org/10.1016/S0021-9673(01)84592-1)

Gagliardi, L., Cimorelli, A., Cavazzutti, G., Montanarella, L., & Tonelli, D. (1989). Determination of 4-tert.-butylphenol and 4-tert.-butylcatechol in cosmetic products by reversed-phase high-performance liquid chromatography. *Journal of Chromatography A*, 466(C), 433–437. [http://doi.org/10.1016/S0021-9673\(01\)84643-4](http://doi.org/10.1016/S0021-9673(01)84643-4)

Gagliardi, L., Cavazzutti, G., Montanarella, L., & Tonelli, D. (1991). Determination of sun-screen agents in cosmetic products by reversed-phase

high-performance liquid chromatography. *Journal of Chromatography A*, 464(2), 428–433. [http://doi.org/10.1016/S0021-9673\(00\)94263-8](http://doi.org/10.1016/S0021-9673(00)94263-8)

Montanarella L, Lecoq A, Di Biase S. Separation of Nucleosides and Nucleotides-3' Monophosphates by Micellar electrokinetic Capillary Chromatography (MECC). *The Journal of Microcolumn Separations* 5; 1993. p. 105-118.

Lecoq, A.-F., Di Biase, S., & Montanarella, L. (1993). Fraction collection after an optimized micellar electrokinetic capillary chromatographic separation of nucleic acid constituents. *Journal of Chromatography A*, 638(2), 363–373. [http://doi.org/10.1016/0021-9673\(93\)83450-7](http://doi.org/10.1016/0021-9673(93)83450-7)

Johansson B., Montanarella L. Trace Levels of Tris(4-Chlorophenyl)-Methanol and -Methane in Human Milk. *Chemosphere* 27 (8); 1993. p. 1487-1497.

Rahman, M. S., Montanarella, L., Johansson, B., & Larsen, B. R. (1993). Trace levels of tris(4-chlorophenyl)-methanol and -methane in human milk. *Chemosphere*, 27(8), 1487–1497. [http://doi.org/10.1016/0045-6535\(93\)90243-X](http://doi.org/10.1016/0045-6535(93)90243-X)

Bowadt, S., Skejo-Andresen, H., Montanarella, L., & Larsen, B. (1994). Hrgc Separations Of 160 Chlorobiphenyls In Technical Mixtures On Four Polar Narrow-Bore Columns. *International Journal of Environmental Analytical Chemistry*, 56(2), 87–107. <http://doi.org/10.1080/03067319408039798>

Pelusio, F., Nilsson, T., Montanarella, L., Tilio, R., Larsen, B., Facchetti, S., & Madsen, J. Ø. (1995). Headspace solid-phase microextraction analysis of volatile organic sulfur compounds in black and white truffle aroma. *Journal of Agricultural and Food Chemistry*, 43(8), 2138–2143.

Saru, F., & Montanarella, L. (1995). Electrospray ionization using magnetic sector mass spectrometers. *Reviews in Analytical Chemistry*, 14(4), 205–226. <http://doi.org/10.1515/REVAC.1995.14.4.205>

Larsen, B., Cont, M., Montanarella, L., & Platzner, N. (1995). Enhanced selectivity in the analysis of chlorobiphenyls on a carborane phenylmethylsiloxane copolymer gas chromatography phase (HT-8). *Journal of Chromatography A*, 708(1), 115–129. [http://doi.org/10.1016/0021-9673\(95\)00359-U](http://doi.org/10.1016/0021-9673(95)00359-U)

Barni, B., Cavicchioli, A., Riva, E., Zanoni, L., Bignoli, F., Bellobono, I. R., ... Castellano, L. (1995a). Laboratory-scale photodegradation of phenol in aqueous solution by photocatalytic membranes immobilizing titanium dioxides. *Chemosphere*, 30(10), 1847–1860. [http://doi.org/10.1016/0045-6535\(95\)00066-H](http://doi.org/10.1016/0045-6535(95)00066-H)

Barni, B., Cavicchioli, A., Riva, E., Zanoni, L., Bignoli, F., Bellobono, I. R., ... Castellano, L. (1995b). Pilot-plant-scale photodegradation of phenol in aqueous solution by photocatalytic membranes immobilizing titanium dioxide (PHOTOPERM® process). *Chemosphere*, 30(10), 1861–1874. [http://doi.org/10.1016/0045-6535\(95\)00067-I](http://doi.org/10.1016/0045-6535(95)00067-I)

Wolter, M. A., Engels, J. W., Montanarella, L., Tilio, R., & Facchetti, S. (1995). Influence of the matrix on the analysis of small oligoribonucleotides by fast atom bombardment mass spectrometry. *Journal of Mass Spectrometry*, 30(3), 485–491. <http://doi.org/10.1002/jms.1190300314>

Montanarella L., Facchetti S.; Integrating Mass Spectrometry Data Systems

from Different Manufacturers in a Local Area Network. *Laboratory Automation and Information Management* 31; 1995. p. 99-107.

Cont M., Montanarella L., Platzner N.; Enhanced Selectivity in the Analysis of Chlorobiphenyls on a Carborane Phenylmethylsiloxane Copolymer GC-Phase (HT-8). *Journal of Chromatography A* 708; 1995. p. 115-129.

Nilsson T., Pelusio F., Montanarella L., Facchetti S., Madsen J.; An Evaluation of Solid-Phase Microextraction for Drinking Water Analysis of Volatile Organic Compounds. *Journal of High Resolution Chromatography* 18; 1995. p. 617-624.

Pelusio F., Nilsson T., Montanarella L., Tilio R., Facchetti S., Madsen J.; Headspace Solid-Phase Microextraction of Volatile Organic Sulfur Compounds in Truffles. *Journal of Agriculture and Food Chemistry* 43; 1996. p. 617-624.

Fromberg, A., Nilsson, T., Larsen, B. R., Montanarella, L., Facchetti, S., & Madsen, J. O. (1996). Analysis of chloro- and nitroanilines and -benzenes in soils by headspace solid-phase microextraction. *Journal of Chromatography A*, 746(1), 71–81.  
[http://doi.org/10.1016/0021-9673\(96\)00298-1](http://doi.org/10.1016/0021-9673(96)00298-1)

Nilsson, T., Bassani, M. R., Larsen, T. O., & Montanarella, L. (1996). Classification of species in the genus *Penicillium* by Curie point pyrolysis/mass spectrometry followed by multivariate analysis and artificial neural networks. *Journal of Mass Spectrometry : JMS*, 31(12), 1422–8. [http://doi.org/10.1002/\(SICI\)1096-9888\(199612\)31:12<1422::AID-JMS442>3.0.CO;2-5](http://doi.org/10.1002/(SICI)1096-9888(199612)31:12<1422::AID-JMS442>3.0.CO;2-5)

Nilsson, T., Larsen, T. O., Montanarella, L., & Madsen, J. Ø. (1996). Application of head-space solid-phase microextraction for the analysis of volatile metabolites emitted by *Penicillium* species. *Journal of Microbiological Methods*, 25(3), 245–255. [http://doi.org/10.1016/0167-7012\(95\)00093-3](http://doi.org/10.1016/0167-7012(95)00093-3)

Montanarella L., Bassani M., Breas O.; Chemometric Classification of Some European Wines Using Pyrolysis-Mass Spectrometry. *Pyrolysis-Mass Spectrometry of European Wines. Journal of Rapid Communication in Mass Spectrometry* 9; 1997. p. 1589-1593.

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