

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	CHIARA ALISI
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E-mail	chiara.alisi@enea.it
Nationality	Italian
Date of Birth	19/02/1963
Gender	Female

WORK EXPERIENCE

- Dates (from - to)
 - Name and address of the employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
- 2000-PRESENT**
ENEA-Casaccia, via Anguillarese 301, 00123 Rome, Italy
Research
Researcher
Experimental activities and projects of **environmental microbiology and microbial biotechnologies** applied to the bioremediation of polluted sites and the biocleaning of cultural heritage
Recent Projects: principal investigator: Progetto Mobilità Italia-Messico 2018-2020 (MAECI)- Progetti Grande Rilevanza 00971- 2018; PGR 00784-2019; PGR 01082-2020 (scientific coordinator), ERANETMED2-72-094 SUPREME2018-2020; POR Sardegna FESR 2014/2020: BIOSA, TESTARE, CESA.
Past projects: SMERI 2013-2015, UMBRELLA FP7-ENV- N° Project 226870 2009-2012 , MIPAAF (IT) V.E.R.O.BIO (2010-2013). TIDe (IT) 2002-2006, FIRB (IT) 2002-2005
- Dates (from - to)
 - Name and address of the employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
- JUNE -JULY-2004**
Belgian Nuclear Research Centre (B-2400-Mol, Belgio)
Research
Visiting researcher
Experimental activity on the study of heavy metals resistant bacteria
- Dates (from - to)
 - Name and address of the employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
- 1995-1999**
Institute for Science and Technology, Research and Development, Chiang Mai University, Chiang Mai 50200, Thailand
Academia
Oversea Expert
Researcher: research grant (from Royal Project Funds) on the identification of Curcuma plant genus by means of molecular markers (1995-1998);
Cooperation with the Department of Nuclear Physics on the application of low-energy ion beam technique on the transformation of biological materials (1998-1999)

EDUCATION AND TRAINING

- Dates (from - to) 1989-1992
- Name and type of organisation providing education and training "Statale", University of Milan, Italy.
- Principal subjects/occupational skills covered Plant Physiology and Biochemistry
- Title of qualification awarded **PhD in Plant Biology**

- Dates (from - to) 1987-1988
- Name and type of organisation providing education and training "La Sapienza", University of Rome, Italy
- Principal subjects/occupational skills covered *Post-lauream* training on purification and characterization of plant enzymes
- Title of qualification awarded **Certificate for professional practice**

- Dates (from - to) 1983-1987
- Name and type of organisation providing education and training "La Sapienza", University of Rome, Italy
- Principal subjects/occupational skills covered Plant Biology
- Title of qualification awarded **MSc in Biological Sciences**

PATENT

Co-author of the European patent PCT/IT 2014/000246. "Biotechnology process for the removal of cohesive deposits of organic and inorganic origin from materials and works of historical and artistic interest".

AWARDS

2017- Special Award Fondazione Dragotto – Green Conservation of Cultural Heritage
2015- Premio Smart Communities- SMAU 2015
2008- Premio Eccellenze ENEA

SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH (FLUENT), SPANISH (FLUENT), THAI (BASIC)

SCIENTIFIC SKILLS
AND COMPETENCES

- Research interests: bioremediation, microbial biotechnology, biocleaning, biodiversity
- Author of 37 journal articles, 10 book chapters, 11 Extended abstracts and 2 books as Editor.
- Member of scientific committee of 1 international conferences. Invited lecturer at 1 international conference
- Scientific supervisor of 2 ENEA research fellowships
- Tutor of MSc and Master thesis (Sapienza, Tuscia, and Roma3 Universities).
- Referee for PLOSONe, Microbial Ecology, Journal of Environmental Management, Biochemical Engineering Journal, Ecotoxicology and Environmental Safety, Environmental Science and Pollution Research, Journal of Hazardous Materials, Biodegradation, ScienceAsia, Environmental Technology

RELEVANT ROLES AND
COMPETENCES

- Coordinator of 1 research project as principal investigator and participated to 10 national and European project. The most relevant are: POR Sardegna FESR 2014/2020 (BIOSA, TESTARE); SMERI 2013-2015, UMBRELLA FP7-ENV- N° Project 226870 2009-2012
- Evaluator for national projects (Miur-Cineca)
- Workshop and conference organization

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 37
 - TOTAL NUMBER OF CITATIONS: 709
 - H-INDEX: 15
- <https://www.scopus.com/authid/detail.uri?authorId=13103443300>

RELEVANT PUBLICATIONS

In the last 10 years.

1. Al-Tarawneh, A., Khleifat, K.M., Tarawneh, I.N. Shiyab, K, I El-Hasan,T, Sprocati, AR, Alisi,C, Tasso, F, & Alqaraleh, M. Phenol biodegradation by plant growth promoting bacterium, *S. odorifera*: kinetic modeling and process optimization. *Arch Microbiol* 204, 104 (2022). <https://doi.org/10.1007/s00203-021-02691-y>
2. Paganin, P., Alisi, C., Dore, E., Fancello, D., Marras, P.A., et al. 2021. Microbial Diversity of Bacteria Involved in Biomineralization Processes in Mine-Impacted Freshwaters. *Frontiers in Microbiology*. Doi: 10.3389/fmicb.2021.778199
3. Procacci, S.,Bojórquez-Quintal, E., Platamone, G., Oliviero,M., Lo Vecchio, V., Morreale Vincenzo,Alisi, C., Balducchi, R. and Bacchetta,L. (2021) *Opuntia ficus-indica* Pruning Waste Recycling: Recovery and Characterization of Mucilage from Cladodes. *Natural Resources* , 12, 91-107.<https://doi.org/10.4236/nr.2021.124008>
4. Alisi, C.; Bacchetta, L.;Bojorquez, E.; Falconieri, M.;Gagliardi, S.; Insaurrealde, M.;Martinez, M.F.F.; Orozco, A.M.;Persia, F.; Sprocati, A.R.; et al. (2021) Mucilages from Different Plant Species Affect the characteristics of Bio-Mortars for Restoration. *Coatings*, 11, 75. <https://doi.org/10.3390/coatings11010075>
5. Matteucci F, Sprocati A, Alisi C, Chiavarini S, Ercole C, et al. (2018) Microbial degradation of chlorinated solvents: a microcosm study and a microbial genetic analysis to remediate a contaminated area in Central Italy. *Int J Biodegrad Bioremediat: IJBB-110*. DOI: 10.29011/IJBB-110/10001
6. Nicoletta Barbabietola, Flavia Tasso, Chiara Alisi, Paola Marconi, Brunella Perito, Giovanna Pasquariello and Anna Rosa Sprocati (2016) A safe microbe-based procedure for a gentle removal of aged animal glues from ancient paper. *International Biodeterioration & Biodegradation* 109 :53-60.
7. Matteo Mazzoni, Chiara Alisi, Flavia Tasso, Adele Cecchini, Paola Marconi, Anna Rosa Sprocati (2014) Laponite micro-packs for the selective cleaning of multiple coherent deposits on wall paintings: The case study of Casina Farnese on the Palatine Hill (Rome-Italy), *International Biodeterioration & Biodegradation*, 94: 1-11.
8. Anna Rosa Sprocati, Chiara Alisi , Flavia Tasso, Alessia Fiore , Paola Marconi , Francesca Langella , Götz Haferburg, Andrei Nicoara, Aurora Neagoe, Erika Kothe (2014) Bioprospecting at former mining sites across Europe: microbial and functional diversity in soils. *Environ Sci Pollut Res*21(11):6824–6835. DOI 10.1007/s11356-013-1907-3
9. S. Wernitznig, W. Adlassnig , A. R. Sprocati, K. Turnau, A. Neagoe, C. Alisi , S. Sassmann , A. Nicoara, V. Pinto, C. Cremisini & I. Lichtscheidl (2014) Plant growth promotion by inoculation with selected bacterial strains versus mineral soil supplements. *Environ Sci Pollut Res* 21:6877–6887 DOI 10.1007/s11356-013-1928-y
10. Anna Rosa Sprocati, Chiara Alisi, Valentina Pinto, Maria Rita Montereali, Paola Marconi, Flavia Tasso, Katarzyna Turnau, Giovanni De Giudici, Katarzyna Goralska, Marta Bevilacqua, Federico Marini, Carlo Cremisini. (2014) Assessment of the applicability of a “toolbox” designed for microbially assisted phytoremediation: the case study at Ingurtosu mining site (Italy). *Environ Sci Pollut Res* 21(11):6939-51 DOI 10.1007/s11356-013-2154-3
11. Barbabietola N., Tasso F., Grimaldi M., Alisi C., Chiavarini S., Marconi P., Perito B., Sprocati A.R. (2013) Microbe-Based Technology for a Novel Approach to Conservation and Restoration. *EAI-Speciale II-Knowledge, Diagnostics and Preservation of Cultural Heritage* pp.69-76
12. Sprocati A. R., Alisi C., Tasso F., Marconi P., Sciuolo A., Pinto V., Chiavarini S., Ubaldi C. and Cremisini C. (2012) Effectiveness of a microbial formula, as a bioaugmentation agent, tailored for bioremediation of diesel oil and heavy metal co-contaminated soil. *Process Biochemistry* 47(11): 1649-1655.
13. Migliore G., Alisi C., Sprocati A.R., Massi E., Ciccoli R., Lenzi M., Wang A., Cremisini C. (2012) Anaerobic digestion of macroalgal biomass and sediments sourced from the Orbetello Lagoon, Italy. *Biomass and bioenergy* 42: 69-77.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV



Rome, 20.03.2022

Articles on peer review journals

1. Al-Tarawneh, A., Khleifat, K.M., Tarawneh, I.N. Shiyab, K, I El-Hasan, T, Sprocati, AR, Alisi, C, Tasso, F, & Alqaraleh, M. Phenol biodegradation by plant growth promoting bacterium, *S. odorifera*: kinetic modeling and process optimization. *Arch Microbiol* 204, 104 (2022). <https://doi.org/10.1007/s00203-021-02691-y>
2. Paganin, P., Alisi, C., Dore, E., Fancello, D., Marras, P.A., et al. 2021. Microbial Diversity of Bacteria Involved in Biomineralization Processes in Mine-Impacted Freshwaters. *Frontiers in Microbiology*. Doi: 10.3389/fmicb.2021.778199
3. Procacci, S., Bojórquez-Quintal, E., Platomone, G., Oliviero, M., Lo Vecchio, V., Morreale Vincenzo, Alisi, C., Balducci, R. and Bacchetta, L. (2021) *Opuntia ficus-indica* Pruning Waste Recycling: Recovery and Characterization of Mucilage from Cladodes. *Natural Resources*, 12, 91-107. <https://doi.org/10.4236/nr.2021.124008>
4. Alisi, C.; Bacchetta, L.; Bojórquez, E.; Falconieri, M.; Gagliardi, S.; Insaurralde, M.; Martínez, M.F.F.; Orozco, A.M.; Persia, F.; Sprocati, A.R.; et al. (2021) Mucilages from Different Plant Species Affect the characteristics of Bio-Mortars for Restoration. *Coatings*, 11, 75. <https://doi.org/10.3390/coatings11010075>
5. Matteucci F, Sprocati A, Alisi C, Chiavarini S, Ercole C, et al. (2018) Microbial degradation of chlorinated solvents: a microcosm study and a microbial genetic analysis to remediate a contaminated area in Central Italy. *Int J Biodegrad Bioremediat: IJBB-110*. DOI: 10.29011/IJBB-110/10001
6. Nicoletta Barbabietola, Flavia Tasso, Chiara Alisi, Paola Marconi, Brunella Perito, Giovanna Pasquariello and Anna Rosa Sprocati (2016) A safe microbe-based procedure for a gentle removal of aged animal glues from ancient paper. *International Biodeterioration & Biodegradation* 109 :53-60.
7. Matteo Mazzoni, Chiara Alisi, Flavia Tasso, Adele Cecchini, Paola Marconi, Anna Rosa Sprocati (2014) Laponite micro-packs for the selective cleaning of multiple coherent deposits on wall paintings: The case study of Casina Farnese on the Palatine Hill (Rome-Italy), *International Biodeterioration & Biodegradation*, 94: 1-11.
8. Anna Rosa Sprocati, Chiara Alisi, Flavia Tasso, Alessia Fiore, Paola Marconi, Francesca Langella, Götz Haferburg, Andrei Nicoara, Aurora Neagoe, Erika Kothe (2014) Bioprospecting at former mining sites across Europe: microbial and functional diversity in soils. *Environ Sci Pollut Res* 21(11):6824–6835. DOI 10.1007/s11356-013-1907-3
9. S. Wernitznig, W. Adlassnig, A. R. Sprocati, K. Turnau, A. Neagoe, C. Alisi, S. Sassmann, A. Nicoara, V. Pinto, C. Cremisini & I. Lichtscheidl (2014) Plant growth promotion by inoculation with selected bacterial strains versus mineral soil supplements. *Environ Sci Pollut Res* 21:6877–6887 DOI 10.1007/s11356-013-1928-y
10. Anna Rosa Sprocati, Chiara Alisi, Valentina Pinto, Maria Rita Montereali, Paola Marconi, Flavia Tasso, Katarzyna Turnau, Giovanni De Giudici, Katarzyna Goralska, Marta Bevilacqua, Federico Marini, Carlo Cremisini. (2014) Assessment of the applicability of a “toolbox” designed for microbially assisted phytoremediation: the case study at Ingurtosu mining site (Italy). *Environ Sci Pollut Res* 21(11):6939-51 DOI 10.1007/s11356-013-2154-3
11. Barbabietola N., Tasso F., Grimaldi M., Alisi C., Chiavarini S., Marconi P., Perito B., Sprocati A.R. (2013) Microbe-Based Technology for a Novel Approach to Conservation and Restoration. *EAI-Speciale II-Knowledge, Diagnostics and Preservation of Cultural Heritage* pp.69-76
12. Sprocati A. R., Alisi C., Tasso F., Marconi P., Sciullo A., Pinto V., Chiavarini S., Ubaldi C. and Cremisini C. (2012) Effectiveness of a microbial formula, as a bioaugmentation agent, tailored for bioremediation of diesel oil and heavy metal co-contaminated soil. *Process Biochemistry* 47(11): 1649-1655.
13. Migliore G., Alisi C., Sprocati A.R., Massi E., Ciccoli R., Lenzi M., Wang A., Cremisini C. (2012) Anaerobic digestion of macroalgal biomass and sediments sourced from the Orbetello Lagoon, Italy. *Biomass and bioenergy* 42: 69-77.
14. Alisi C. (2011). Biodegradation and bioremediation of stone manufactures. *Minerals and Biosphere: Letture di Georisorse e Ambiente*, Vol III pp. 94-109.
15. Chiara Alisi, Rosario Musella, Flavia Tasso, Carla Ubaldi, Sonia Manzo, Carlo Cremisini and Anna Rosa Sprocati (2009) Bioremediation of diesel oil in a co-contaminated soil by bioaugmentation with a microbial formula tailored with native strains selected for heavy metals resistance. *Science of the Total Environment* 407 (8): 3024-3032.
16. Braconi D., Sotgiu M., Millucci L., Paffetti A., Tasso F., Alisi C., Martini S., Rappuoli R., Sprocati A.R., Rossi C., Santucci A. (2006) Comparative analysis of the effects of locally used herbicides and their active ingredients on a wild-type wine *Saccharomyces cerevisiae* strain. *Journal of Agricultural and Food Chemistry*, 54(8):3163-3172
17. Alisi C., Jona Lasinio G., Dalmastri C., Sprocati A.R., Tabacchioni S., Bevivino A., Chiarini L. (2005) Metabolic profiling of *Burkholderia cenocepacia*, *Burkholderia ambifaria*, and *Burkholderia pyrrocinia* isolates from maize rhizosphere. *Microbial Ecology* 50:385-395.
18. Sprocati A.R., Alisi C., Tasso F., Segre L., Cremisini C. (2006) Investigating heavy metal resistance, bioaccumulation and metabolic profile of a metallophilic microbial consortium native to an abandoned mine. *Science of Total Environment*, 366(2-3):649-658.
19. P. Martelli, L. Millucci, D. Braconi, A. Paffetti, F. Tasso, C. Alisi, A. R. Sprocati and A. Santucci (2006) Wild-type wine *Saccharomyces cerevisiae* as a tool to evaluate the effects on eukaryotic life of locally used herbicides. *International Journal of Ecodynamics* 1(3): 266-283.
20. D. Braconi, M. Sotgiu, L. Millucci, A. Paffetti, F. Tasso, C. Alisi, S. Martini, R. Rappuoli, A.R. Sprocati, C. Rossi, A. Santucci (2006) Comparative analysis of the effects of locally used herbicides and their active ingredients on a wild-type wine *Saccharomyces cerevisiae* strain. *Journal of Agricultural and Food Chemistry*, 54(8): 3163-3172.

21. Anna Rosa Sprocati, Chiara Alisi, Flavia Tasso, Lia Segre, Carlo Cremisini (2005) Investigating heavy metal resistance, bioaccumulation and metabolic profile of a metallophilic microbial consortium native to an abandoned mine. *Science of Total Environment*, 366(2-3):649-658.
22. Chiara Alisi, Giovanna Jona Lasinio, Claudia Dalmastrì, Anna Rosa Sprocati, Silvia Tabacchioni, Annamaria Bevivino and Luigi Chiarini. (2005) Metabolic profiling of Burkholderia cenocepacia, Burkholderia ambifaria, and Burkholderia pyrrocinia isolates from maize rhizosphere. *Microbial Ecology* 50:385-395.
23. P. Apavatjirut, C. Alisi, B. Phunchaisri, L.D. Yu, S. Anuntalabhochai, and T. Vilaithong (2003) Induction of exogenous molecule transfer into plant cells by ion beam bombardment. *ScienceAsia* 29:99-107.
24. C. Dalmastrì, A. Fiore, C. Alisi, A. Bevivino, S. Tabacchioni, G. Giuliano, A. Sprocati, L. Segre, E. Mahenthalingam, L. Chiarini and P. Vandamme. (2003) A rhizospheric Burkholderia cenocepacia complex population: genotypic and phenotypic diversity of Burkholderia cenocepacia and Burkholderia ambifaria. *FEMS Microbial Ecology* 46(2):179-187.
25. C. Pini, G. Di Felice, B. Barletta, P. Iacovacci, R. Tinghino, C. Afferni, C. Butteroni, C. Alisi, B. Brunetto, C. D'Ippolito, C. Fagnani, M. A. Stazi (2003) Valutazione dei parametri allergologici su gruppi di popolazione con alti livelli di esposizione ad inquinanti atmosferici. *Rapporti ISTISAN 03/11*. Edited by R. Crebelli and A. Carere. ISSN 1123-3117.
26. AR Sprocati, C. Alisi (2002) Relazione dell'attività sperimentale svolta nell'ambito delle tecnologie biologiche di risanamento- Luglio 2002. Accordo di Programma con il Ministero dell'Ambiente.
27. A.R. Sprocati, C. Cremisini, M. Galletti, L. Segre, C. Alisi, F. Tasso, S. Chiavarini and C. Cremisini. (2001) Native microbial consortia from contaminated lands selected for their potential use in heavy metals accumulation and in biodegradation processes. *Proceedings of the First European Conference on Bioremediation*. pp.312-315.
28. C. Alisi, C. Afferni, P. Iacovacci, B. Barletta, R. Tinghino, C. Butteroni, E.M.R. Puggioni, I.B.H. Wilson, R. Federico, M.E. Schinina, R. Ariano, G. Di Felice, C. Pini. (2001) Rapid isolation, characterization and glycan analysis of Cup a 1, the major allergen from Arizona cypress (*Cupressus arizonica*) pollen. *Allergy*, 56(10):978-984.
29. T. Vilaithong, L.D. Yu, C. Alisi, B. Phunchaisri, P. Apavatjirut, and S. Anuntalabhochai (2000) A study of low-energy ion beam effects on outer plant cell structure for exogenous macromolecule transferring. *Surface and Coatings Technology* 128\129: 133-138.
30. P. Apavatjirut, P. Siriruga, S. Anuntalabhochai and C. Alisi (1999) Molecular markers in some early flowering *Curcuma L.* (Zingiberaceae) species. *Annals of Botany*, 84(4):529-534.
31. G.A. Sacchi, S. Morgutti, A. Abruzzese, C. Alisi, M. Cocucci, L. Espen, A.R. Leva, R. Muleo, N. Negrini, and S. Cocucci (1995) Changes in some physiological parameters during two subcultures in kiwi *Actinidia deliciosa* callus. *Plant Science* 106(1): 107-113.
32. L. Espen, S. Morgutti, C. Alisi, E. Ragg and S. Cocucci (1995) Germination and pH of intracellular compartments of *Phacelia tanacetifolia*. *Physiologia Plantarum* 93(4): 577-583.
33. S. Cocucci, S. Morgutti, A. Abruzzese, C. Alisi and L. Espen (1995) Water permeability during the early phase of germination of radish (*Raphanus sativus*) seeds: effects of low water potential medium and fusicoccin. *Plant Physiol. & Biochem.* 33(1): 61-69.
34. S. Cocucci, S. Morgutti, A. Abruzzese, C. Alisi, A. Yahye and L. Espen (1993) Response of seedlings of radish (*Raphanus sativus*) to osmotic shock and external hydrostatic pressure. *Physiol. Plant.* 87:609-615.
35. S. Cocucci, S. Morgutti, A. Abruzzese and C. Alisi (1990) Response to osmotic medium and fusicoccin by seeds of radish (*Raphanus sativus L.*) in the early phase of germination. *Physiol. Plant.* 80: 294-300
36. R. Federico, C. Alisi, F. Forlani and R. Angelini (1989) Purification and characterization of oat polyamine oxidase. *Phytochemistry* 28: 2045-2046.
37. R. Federico, C. Alisi and F. Forlani (1988) Properties of the polyamine oxidase from the cell wall of maize seedlings. *Phytochemistry* 28:45-46.

Proceedings and Extended abstracts

38. AR Sprocati, P. Paganin, C. Alisi, P. Casale, G. Migliore, F. Tasso, G. Falasca, T. El- Hasan, G. De Giudici (2021) Enabling barley production in arid soils by only exploiting the indigenous microbial biodiversity – Global Symposium on Soil Biodiversity 19–22 April 2021. *Proceedings*. Rome. <https://doi.org/10.4060/cb7374en>
39. G. Migliore, AR Sprocati, C. Alisi, F. Tasso, P. Paganin, G. De Giudici (2021) Restoring the soil while preserving functions: a winning approach by exploiting microbial biodiversity. *FAO. Keep soil alive, protect soil biodiversity – Global Symposium on Soil Biodiversity 19–22 April 2021. Proceedings*. Rome. <https://doi.org/10.4060/cb7374en>
40. Reale R, Dell'Aglio E, De Santis A, Borghini S, Sprocati AR, Alisi C. (2020) Composti naturali eco-compatibili per il controllo dei biodeteriogeni al Museo delle Terme di Diocleziano (Roma). *Proceedings XI International Conference "Diagnosis for the Conservation and Valorization of Cultural Heritage"*, Cervino Edizioni, Naples, pp. 184-191, ISBN: 978-88-95609-53-9
41. G. De Giudici et al. (2020) SUPREME: developing tools for SUSTAINABLE food PRODUCTION in MEDITERRANEAN area using MicrobEs. *EGU2020-22507*. Vienna 3-8 May 2020.
42. NTW Ellwood, L. Rugnini, AR Sprocati, G. Migliore, F. Tasso, C. Alisi, L. Bruno (2019) Killing them gently; control of phototrophic biofilms growing on stone monuments using plant products. *Abstract of SBI - Gruppo di Lavoro dell'Algologia 2019, Bari 15-16 Novembre 2019*.

43. F Falcon, L Bacchetta, S Procacci, F Persia, AR Sprocati, C Alisi, (2018) Sustainable treatment for statue restoration. Proceedings of IX Conference “Diagnosis, Conservation and Valorization of Cultural Heritage”. Cervino Edizioni, Naples. ISBN:9788895609423
44. P Prudentino, C Alisi, G Pasquariello, L Bacchetta, AR Sprocati, A Meza-Orozco, F Persia (2018) Application of a natural plant product as consolidant for paper heritage. In Cultural Heritage Conservation Science, 6th International Conference: YOCOCU, Youth in Conservation of Cultural Heritage, Matera (Italy), May 22-26 2018.
45. Chiara Alisi, Loretta Bacchetta, Emanuel Bojorquez, Mauro Falconieri, Serena Gagliardi, Mirta Insaurralde, Vittoria Martina, Alejandro Meza Orozco, Franca Persia, Anna Rosa Sprocati, Angelo Tati (2017) Bio-mortars towards a sustainable restoration. Green conservation of Cultural Heritage, Palermo (Italy) November 16-18 2017.
46. Persia, F.; Alisi, C.; Bacchetta, L.; Bojorquez, E.; Colantonio, C.; Falconieri, M.; Insaurralde, M.; Meza Orozco, A.; Sprocati, A.R.; Tati, A. Nopal as organic additive for bio-compatible and eco-sustainable lime mortars. Proceedings VII International Conference “Diagnosis, Conservation and Valorization of Cultural Heritage, 2016, 245-251, ISBN: 978-88-942118-0-1
47. Valentina Raimondi ; Chiara Alisi ; Kerstin Barup ; Maria Paola Bracciale ; Alessandra Broggi ; Cinzia Conti ; Jenny Hällström ; David Lognoli ; Lorenzo Palombi ; Maria Laura Santarelli ; Anna Rosa Sprocati. Fluorescence lidar measurements at the archaeological site House of Augustus at Palatino, Rome Proc. SPIE 8893, Earth Resources and Environmental Remote Sensing/GIS Applications IV, 88930E (October 24, 2013); doi:10.1117/12.2030205
48. A microbiological survey of the Etruscan Mercareccia Tomb (Italy): contribution of microorganisms to deterioration and restoration.(2008) Sprocati A.R., Alisi C., Tasso F., Vedovato E., Barbabietola N., Cremisini C. Art2008 Jerusalem 26-29 May 2008

Book chapters and Technical reports

49. *Opuntia ficus-indica* e *Capsicum* spp. prodotti sostenibili per i beni culturali. A cura di: Chiara Alisi, Loretta Bacchetta, Franca Persia, Edizioni ENEA, ISBN: 978-88-8286-407-1
50. AR Sprocati, C Alisi, G Migliore, P Marconi, F Tasso (2020) Sustainable restoration through biotechnological processes: a proof of concept. In press in “Roles of microorganisms in heritage degradation and preservation” (E Joseph, P Junier eds.) Springer. ISBN 978-3-030-69411-1
51. Anna Rosa Sprocati, Chiara Alisi, Flavia Tasso, Paola Marconi, Giada Migliore (2017). Formule microbiche per l’arte. *Kermes* 100: 23-26. Nardini Editore. ISBN 978-88-94268-35-5
52. Angelone M., Armiento G., Cremisini C., Spaziani F., Sprocati A.R., Alisi C. (2007) La contaminazione dei suoli da metalli pesanti: problemi emergenti, nuovi approcci di studio e prospettive nell’analisi strumentale in campo. In: *Rendiconti Accademia Nazionale delle Scienze, detta dei XL. Memorie di Scienze Fisiche e Naturali. Vol.XXX*, pp 1-30.
53. Massanisso P., Nardi E., Pacifico R., D’Annibale L., Cremisini C., and Alisi C. (2007) Recycling of eco-compatible treated red mud and compost from SS-MSW: examples of use on sediment and mine soil samples. In: *Material Science Research Horizons*. Nova Science Publishers, Inc. Ed: Hans P. Glick, ISBN 978-1-60021-481-9, chapter 8
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