

Classificazione delle pubblicazioni:

BD = Biomarker discovery

SD = Sistemi diagnostici

FT = Food Technology

PUBBLICAZIONI 2017

Development of a biosensor telemetry system for monitoring fermentation in craft breweries. Donatella Farina, Sergio Scognamillo, Manuel Zinellu, Mauro Fanari, Maria Cristina Porcu, Giulia Puggioni, Gaia Rocchitta, Pier Andrea Serra, Luca Pretti (2017) Food Chemistry Volume 218, 1 March 2017, Pages 479–486.

SD

Effectiveness of modified atmosphere packaging and ovine whey powder in extending the shelf life of whey cheesecakes. Nicola Secchi, Costantino Fadda, Manuela Sanna, Paola Conte, Alessandra Del Caro, Pasquale Catzeddu, Antonio Piga. 2017 LWT - Food Science and Technology 75, 373-378.

FT

Molecular details on gilthead sea bream (*Sparus aurata*) sensitivity to low water temperatures from (1)H NMR metabolomics. Melis R, Sanna R, Braca A, Bonaglini E, Cappuccinelli R, Slawski H, Roggio T, Uzzau S, Anedda R. Comp Biochem Physiol A Mol Integr Physiol. 2017 Feb;204:129-136.

BD

Diversity and functions of the sheep faecal microbiota: a multi-omic characterization. Tanca A, Fraumene C, Manghina V, Palomba A, Abbondio M, Deligios M, Pagnozzi D, Addis MF, Uzzau S. Microb Biotechnol. 2017 Feb 6.

BD

A first immunohistochemistry study of transketolase and transketolase-like 1 expression in canine hyperplastic and neoplastic mammary lesions. Burrai GP, Tanca A, Cubeddu T, Abbondio M, Polinas M, Addis MF, Antuofermo E. BMC Vet Res. 2017 Jan 31;13(1):38.

SD

Relationship between milk cathelicidin abundance and microbiologic culture in clinical mastitis. Addis MF, Bronzo V, Puggioni GM, Cacciotto C, Tedde V, Pagnozzi D, Locatelli C, Casula A, Curone G, Uzzau S, Moroni P. J Dairy Sci. 2017 Jan 25.

SD

Proteomic changes in the ileum of sheep infected with *Mycobacterium avium* subspecies paratuberculosis. Pisanu S, Cubeddu T, Uzzau S, Rocca S, Addis MF. Vet J. 2017 Jan;219:1-3.

BD

PUBBLICAZIONI 2016

The impact of sequence database choice on metaproteomic results in gut microbiota studies. Tanca A, Palomba A, Fraumene C, Pagnozzi D, Manghina V, Deligios M, Muth T, Rapp E, Martens L, Addis MF, Uzzau S. Microbiome. 2016 Sep 27;4(1):51.

BD

Evaluation of milk cathelicidin for detection of bovine mastitis. Addis MF, Tedde V, Puggioni GM, Pisanu S, Casula A, Locatelli C, Rota N, Bronzo V, Moroni P, Uzzau S. J Dairy Sci. 2016 Oct;99(10):8250-8.

SD

Evaluation of milk cathelicidin for detection of dairy sheep mastitis. Addis MF, Tedde V, Dore S, Pisanu S, Puggioni GM, Roggio AM, Pagnozzi D, Lollai S, Cannas EA, Uzzau S. J Dairy Sci. 2016 Aug;99(8):6446-56.

SD

The bovine milk microbiota: insights and perspectives from -omics studies. Addis MF, Tanca A, Uzzau S, Oikonomou G, Bicalho RC, Moroni P. Mol Biosyst. 2016 Jul 19;12(8):2359-72.

BD

Protein expression changes induced in a malignant melanoma cell line by the curcumin analogue compound D6. Pisano M, Palomba A, Tanca A, Pagnozzi D, Uzzau S, Addis MF, Dettori MA, Fabbri D, Palmieri G, Rozzo C. BMC Cancer. 2016 May 18;16:317.

BD

The first meeting of the European Register of Cystic Echinococcosis (ERCE). Rossi P, Tamarozzi F, Galati F, Pozio E, Akhan O, Cretu CM, Vutova K, Siles-Lucas M, Brunetti E, Casulli A; HERACLES extended network. Parasit Vectors. 2016 Apr 28;9:243.

SD

Proteomic analysis of Rhodotorula mucilaginosa: dealing with the issues of a non-conventional yeast. Addis MF, Tanca A, Landolfo S, Abbondio M, Cutzu R, Bioss G, Pagnozzi D, Uzzau S, Mannazzu I. Yeast. 2016 Mar 14. doi: 10.1002/yea.3162.

BD

Diagnostic Accuracy of Antigen 5-Based ELISAs for Human Cystic Echinococcosis. Pagnozzi D, Addis MF, Bioss G, Roggio AM, Tedde V, Mariconti M, Tamarozzi F, Meroni V, Masu G, Masala G, Brunetti E, Uzzau S. PLoS Negl Trop Dis. 2016 Mar 29;10(3):e0004585. doi: 10.1371/journal.pntd.0004585.

SD

Proteomic dataset of Paracentrotus lividus gonads of different sexes and at different maturation stages. Ghisaura S, Loi B, Bioss G, Baroli M, Pagnozzi D, Roggio T, Uzzau S, Anedda R, Addis MF. Data Brief. 2016 Jun 29;8:824-7.

BD

Proteomic changes occurring along gonad maturation in the edible sea urchin Paracentrotus lividus. Ghisaura S, Loi B, Bioss G, Baroli M, Pagnozzi D, Roggio T, Uzzau S, Anedda R, Addis MF. J Proteomics. 2016 Jul 20;144:63-72.

BD

Atypical carcinoid and large cell neuroendocrine carcinoma of the lung: a proteomic dataset from formalin-fixed archival samples. Tanca A, Addis MF, Pisanu S, Abbondio M, Pagnozzi D, Eccher A, Rindi G, Cossu-Rocca P, Uzzau S, Fanciulli G. Data Brief. 2016 Mar 9;7:529-31. doi: 10.1016/j.dib.2016.02.083.

BD

Mycoplasma lipoproteins are major determinants of neutrophil extracellular trap formation. Cacciottolo C, Cubeddu T, Addis MF, Anfossi AG, Tedde V, Tore G, Carta T, Rocca S, Chessa B, Pittau M, Alberti A. Cell Microbiol. 2016 May 10. doi:10.1111/cmi.12613. [Epub ahead of print] PubMed PMID: 27166588.

BD

Variazioni qualitative di pasta fresca ripiena senza glutine durante la conservazione: influenza della formulazione e della pastorizzazione. Sanguinetti A.M., Secchi N., Del Caro A., Fadda C., Fenu P.A.M., Catzeddu P., Piga A. *Tecnica Molitoria* (2016) - 67, 266-274.

FT

Shelf life extension of a cheese cake with antimicrobial active packaging. A.M. Sanguinetti¹, A. Del Caro, P.P. Urgeghe, C. Fadda, G. Usai, I. Mascia, N. Secchi, P.A.M. Fenu, P. Conte, G.G. Milella, A. Scanu, P. Catzeddu, C. Nerin, I. Clemente, S. Manso And A. Piga. *Italian Journal of Food Science*, 2016. Special Issue "Shelf-life International Meeting".

FT

An MRI method for monitoring the ripening of Grana Padano cheese. G Mulas, R Anedda, DL Longo, T Roggio, S Uzzau, 2016. *International Dairy Journal* 52: 19-25

FT

Influence of seasonal and environmental patterns on the lipid content and fatty acid profiles in gonads of the edible sea urchin *Paracentrotus lividus* from Sardinia. S Siliani, R Melis, B Loi, I Guala, M Baroli, R Sanna, S Uzzau, T Roggio, MF Addis, R Anedda 2016. *Marine environmental research* 113: 124-133

BD

An MRI method for monitoring the ripening of Grana Padano cheese. G Mulas, R Anedda, DL Longo, T Roggio, S Uzzau, 2016. *International Dairy Journal* 52: 19-25

FT

PUBBLICAZIONI 2015

Draft Genome Sequence of *Rhodotorula mucilaginosa*, an Emergent Opportunistic Pathogen. Deligios M, Fraumene C, Abbondio M, Mannazzu I, Tanca A, Addis MF, Uzzau S. *Genome Announc.* 2015 Apr 9;3(2). pii: e00201-15. doi:10.1128/genomeA.00201-15.

BD

Full-length protein extraction protocols and gel-based downstream applications in formalin-fixed tissue proteomics. Tanca A, Uzzau S, Addis MF. *Methods Mol Biol.* 2015;1295:117-34.

BD

Enrichment or depletion? The impact of stool pretreatment on metaproteomic characterization of the human gut microbiota. Tanca A, Palomba A, Pisanu S, Addis MF, Uzzau S. *Proteomics.* 2015 Oct;15(20):3474-85.

BD

Extending the shelf life of gluten-free fresh filled pasta by modified atmosphere packaging. Sanguinetti A.M., Del Caro A., Scanu A., Fadda C., Milella G., Catzeddu P., Piga A. *LWT - Food Science and Technology* (2016) - 71, 96-101.

FT

Gluten-free fresh filled pasta: The effects of xanthan and guar gum on changes in quality parameters after pasteurisation and during storage. Sanguinetti A.M., Secchi N., Del Caro A., Fadda C., Fenu P.A.M., Catzeddu P., Piga A. *LWT - Food Science and Technology* (2015) - 64, 678-684.

FT

Insights on the relaxation of liposomes encapsulating paramagnetic Ln-based complexes. G Mulas, G Ferrauto, W Dastrù, R Anedda, S Aime, E Terreno, 2015. *Magnetic resonance in medicine.* 74 (2): 468-473.

SD

Magnetic Resonance Analysis of Dairy Processing Suitable Tools for the Dairy Industry. R Anedda, 2015. Magnetic Resonance in Food Science: Defining Food by Magnetic Resonance, RSC, Cambridge, UK.

FT

Distinctive Anthocyanin Accumulation Responses to High Temperatures and Natural UV Radiation of Two Field-grown (*Vitis vinifera* L.) Cultivar. Fernandes de Oliveira A.*, Mercenaro L., Del Caro A., Pretti L., Nieddu G. 2015. *Molecules*. 2015 Jan 27;20(2):2061-80.

BD

Differences in the peptide profile of raw and pasteurised ovine milk cheese and implications for its bioactive potential. Pisanu S., Pagnozzi D., Pes M., Pirisi A., Roggio T., Uzzau S., Addis M.F. 2015. *International Dairy Journal* – 42, 26-33.

BD, SD, FT

Genome sequencing elucidates Sardinian genetic architecture and augments association analyses for lipid and blood inflammatory markers. Sidore C, Busonero F, Maschio A, Porcu E, Naitza S, Zoledziwska M, Mulas A, Pistis G, Steri M, Danjou F, Kwong A, Ortega Del Vecchio VD, Chiang CW, Bragg-Gresham J, Pitzalis M, Nagaraja R, Tarrier B, Brennan C, Uzzau S, Fuchsberger C, Atzeni R, Reinier F, Berutti R, Huang J, Timpson NJ, Toniolo D, Gasparini P, Malerba G, Dedoussis G, Zeggini E, Soranzo N, Jones C, Lyons R, Angius A, Kang HM, Novembre J, Sanna S, Schlessinger D, Cucca F, Abecasis GR. *Nat Genet*. 2015. Nov;47(11):1272-81. doi: 10.1038/ng.3368. Epub 2015 Sep 14.

BD

Height-reducing variants and selection for short stature in Sardinia. Zoledziwska M, Sidore C, Chiang CW, Sanna S, Mulas A, Steri M, Busonero F, Marcus JH, Marongiu M, Maschio A, Del Vecchio DO, Floris M, Meloni A, Delitala A, Concas MP, Murgia F, Biino G, Vaccargiu S, Nagaraja R, Lohmueller KE; UK10K Consortium, Timpson NJ, Soranzo N, Tachmazidou I, Dedoussis G, Zeggini E; Understanding Society Scientific Group, Uzzau S, Jones C, Lyons R, Angius A, Abecasis GR, Novembre J, Schlessinger D, Cucca F. *Nat Genet*. 2015 Nov;47(11):1352-6. doi: 10.1038/ng.3403. Epub 2015 Sep 14.

BD

A human gut metaproteomic dataset from stool samples pretreated or not by differential centrifugation. Tanca A, Palomba A, Pisanu S, Addis MF, Uzzau S. *Data Brief*. 2015 Jul 26;4:559-62.

BD

Neutrophil extracellular traps in sheep mastitis. Pisanu S, Cubeddu T, Pagnozzi D, Rocca S, Cacciotto C, Alberti A, Marogna G, Uzzau S, Addis MF. *Vet Res*. 2015 Jun 18;46:59. doi: 10.1186/s13567-015-0196-x.

BD

Investigation of HER2 expression in canine mammary tumors by antibody-based, transcriptomic and mass spectrometry analysis: is the dog a suitable animal model for human breast cancer? Burrai GP, Tanca A, De Miglio MR, Abbondio M, Pisanu S, Polinas M, Pirino S, Mohammed SI, Uzzau S, Addis MF, Antuofermo E. *Tumour Biol*. 2015 Nov;36(11):9083-91. doi: 10.1007/s13277-015-3661-2.

BD

Heterozygous reelin mutations cause autosomal-dominant lateral temporal epilepsy. Dazzo E, Fanciulli M, Seriola E, Minervini G, Pulitano P, Binelli S, Di Bonaventura C, Luisi C, Pasini E, Striano S, Striano P, Coppola G, Chiavegato A, Radovic S, Spadotto A, Uzzau S, La Neve A, Giallonardo AT, Mecarelli O, Tosatto SC, Ottman R, Michelucci R, Nobile C. *Am J Hum Genet*. 2015 Jun 4;96(6):992-1000.

BD

Addressing marketplace gilthead sea bream (*Sparus aurata* L.) differentiation by 1H NMR-based lipid fingerprinting. Melis R., Cappuccinelli R., Roggio T., Anedda R. 2014. Food Research International. 63:258-264.
FT, BD

Magnetic resonance analysis of dairy processing: suitable tools for the dairy industry. Book Chapter. Anedda R. 2014. In press. In Magnetic Resonance in Food Science: Defining Food by Magnetic Resonance, RSC, Cambridge, UK.
FT

A straightforward and efficient analytical pipeline for metaproteome characterization. Tanca A., Palomba A., Pisanu S., Deligios M., Fraumene C., Manghina V., Pagnozzi D., Addis MF., Uzzau S. 2014. Microbiome. 2(1):49. doi: 10.1186/s40168-014-0049-2.
BD

Effect of wine barrel ageing or sapa addition on total polyphenol content and antioxidant activities of some Italian craft beers. Sanna V., Pretti L. 2014. International Journal of Food Science & Technology
FT

Analysis of the interactome of ribosomal protein19 mutants. Caterino M., Aspesi A., Pavese E., Imperlini E., Pagnozzi D., Ingenito L., Santoro C., Dianzani I., Ruoppolo M. 2014. Proteomics. doi: 10.1002/pmic.201300513.
BD

Impact of three commercial feed formulations on farmed gilthead sea bream (*Sparus aurata*, L.) metabolism as inferred from liver and blood serum proteomics. Ghisaura S., Anedda R., Pagnozzi D., Biossa G., Spada S., Bonaglini E., Cappuccinelli R., Roggio T., Uzzau S., Addis M.F. 2014. Proteome Science. 12 (1), 1-18.
BD

Critical comparison of sample preparation strategies for shotgun proteomic analysis of formalin-fixed, paraffin-embedded samples: insights from liver tissue. Tanca A., Abbondio M., Pisanu S., Pagnozzi D., Uzzau S., Addis M.F. 2014. Clinical Proteomics 11 (1), 1-12.
BD

High-quality purification of *Echinococcus granulosus* Ag5 and evaluation of its immunodiagnostic performance. Pagnozzi D., Biossa G., Addis M.F., Mastrandrea S., Masala G., Uzzau S. 2014. PLoS ONE 9 (8), e104962.
SD

Effect of whey concentration on protein recovery in fresh ovine Ricotta cheese. Salvatore E., Pes M., Falchi G., Pagnozzi D., Furesi S., Fiori M., Roggio T., Addis M.F., Pirisi A. 2014. Journal of Dairy Science 97, 8, 4686–4694.
BD, FT

Proteomic profiling of sea bass muscle by two-dimensional gel electrophoresis and tandem mass spectrometry. Terova G., Pisanu S., Roggio T., Saroglia M., Preziosa E., Addis MF. 2014. Fish Physiology and Biochemistry 40: 311-322.
BD, FT

A novel method for the determination of ascorbic acid and antioxidant capacity in *Opuntia ficus indica* using in vivo microdialysis. Pretti L., Bazzu G., Serra PA, Nieddu G. 2014. Food Chemistry 147, (15): 131–137.
FT

Biometric and metabolic profiles associated to different rearing conditions in offshore farmed gilthead sea bream (*Sparus aurata* L.). Melis R. and Anedda R. 2014. Electrophoresis, 35(11):1590-1598 DOI: 10.1002/elps.201300548.
BD, FT

PUBBLICAZIONI 2013

Impact of different sequence database on metaproteome analysis; insights from a lab-assembled microbial mixture. Tanca A, Palomba A, Deligios M, Cubeddu T, Fraumene C, Biossa G, Pagnozzi D, Addis MF, Uzzau S. 2013. PLoS one 8 (12), e82981.

BD

Production and release of immune defense proteins by mammary epithelial cells following *Streptococcus uberis* infection of sheep. Addis MF, Pisanu S, Marogna G, Cubeddu T, Pagnozzi D, Cacciottolo C, Campesi F, Schianchi G, Rocca S, Uzzau S. 2013. Infection and Immunity 81: 3182-3197.

BD, SD

Comparison of detergent-based sample preparation workflows for LTQ-Orbitrap analysis of the *Escherichia coli* proteome. Tanca A, Biossa G, Pagnozzi D, Addis MF, Uzzau S. 2013. Proteomics 13: 2597-2607.

BD

Proteomic characterization of hepatitis C eradication: enzyme switch in the healing liver. Babudieri S, Soddu A, Nieddu P, Tanca A, Madeddu G, Addis MF, Pagnozzi D, Cossu-Rocca P, Massarelli G, Dore MP, Uzzau S, Mura MS. 2013. Journal of Clinical Virology 57: 274-278.

BD, SD

High throughput genomic and proteomic technologies in the fight against infectious diseases. Tanca A, Deligios M, Addis MF, Uzzau S. 2013. Journal of Infection in Developing Countries 7: 182-190.

BD, SD

***Mycoplasma agalactiae* MAG5040 is a Mg²⁺-Dependent, sugar-nonspecific nuclease recognised by the host humoral response during natural infection.** Cacciottolo C, Addis MF, Coradduzza E, Carcangiu L, Nuvoli AM, Tore G, Dore GM, Pagnozzi D, Uzzau S, Chessa B, Pittau M, Alberti A. 2013. PLoS ONE 8: e57775.

BD, SD

The secretome signature of colon cancer cell lines. Imperlini E, Colavita I, Caterino M, Mirabelli P, Pagnozzi D, Del Vecchio L, Di Noto R, Ruoppolo M, Orrù S. 2013. Journal of Cell Biochemistry 114: 2577-87.

BD

Genetic variants regulating immune cell levels in health and disease. Orrù V, Steri M, Sole G, Sidore C, Virdis F, Dei M, Lai S, Zoledziewska M, Busonero F, Mulas A, Floris M, Mentzen WI, Urru SA, Olla S, Marongiu M, Piras MG, Lobina M, Maschio A, Pitzalis M, Urru MF, Marcelli M, Cusano R, Deidda F, Serra V, Oppo M, Pilu R, Reinier F, Berutti R, Pireddu L, Zara I, Porcu E, Kwong A, Brennan C, Tarrier B, Lyons R, Kang HM, Uzzau S, Atzeni R, Valentini M, Firinu D, Leoni L, Rotta G, Naitza S, Angius A, Congia M, Whalen MB, Jones CM, Schlessinger D, Abecasis GR, Fiorillo E, Sanna S, Cucca F. Cell 155:242-56.

BD

Low-pass DNA sequencing of 1200 Sardinians reconstructs European Y-chromosome phylogeny. Francalacci P, Morelli L, Angius A, Berutti R, Reinier F, Atzeni R, Pilu R, Busonero F, Maschio A, Zara I, Sanna D, Useli A, Urru MF, Marcelli M, Cusano R, Oppo M, Zoledziewska M, Pitzalis M, Deidda F, Porcu E, Poddie F, Kang HM, Lyons R, Tarrier B, Gresham JB, Li B, Tofanelli S, Alonso S, Dei M, Lai S, Mulas A, Whalen MB, Uzzau S, Jones C, Schlessinger D, Abecasis GR, Sanna S, Sidore C, Cucca F. Science 341(6145):565-9.

BD

Farmed and Wild Fish. In: Proteomics in Foods: Principles and Applications. Addis MF. 2013. Fidel Toldrá and Leo M.L. Nollet, Editors; Springer, New York.

BD, FT

A study on relationships between durum wheat semolina properties, technological mixing parameters and the properties of dough after mixing Vinci P, Fois S, Parente E, Roggio T, Catzeddu P. 2013. International Journal of Food Science & Technology 48: 2541–2550.

FT

A new magnetic resonance imaging approach for discriminating Sardinian sheep milk cheese made from heat-treated or raw milk. Mulas G, Roggio T, Uzzau S, Anedda R. 2013. Journal of Dairy Science 96: 7393-7403.

BD, FT

Multidisciplinary analytical investigation of phospholipids and triglycerides in offshore farmed gilthead sea bream (*Sparus aurata*) fed commercial diets. Anedda R, Piga C, Santercole V, Spada S, Bonaglini E, Cappuccinelli R, Mulas G, Roggio T, Uzzau S. 2013. Food Chemistry 138: 1135-1144.

BD, FT

PUBBLICAZIONI 2012

Evaluation of the suitability of archival Bouin-fixed paraffin-embedded tissue specimens to proteomic investigation. Tanca A, Addis MF, Simula MP, Pagnozzi D, Biossa G, Pisanu S, Garziera M, Cannizzaro R, Canzonieri V, De Re V, Uzzau S. 2012. Electrophoresis 33: 1375-84.

BD

2D DIGE/MS to investigate the impact of slaughtering techniques on postmortem integrity of fish filet proteins Addis MF, Pisanu S, Preziosa E, Bernardini G, Pagnozzi D, Roggio T, Uzzau S, Saroglia M, Terova G. 2012. Journal of Proteomics 75: 3654-64.

BD, SD, FT

Characterization of sheep milk fat globule proteins by two-dimensional polyacrylamide gel electrophoresis/mass spectrometry and generation of a reference map. Pisanu S, Ghisaura S, Pagnozzi D, Falchi G, Biossa G, Tanca A, Roggio T, Uzzau S, Addis MF. 2012. International Dairy Journal 24: 78-86.

BD, FT

Setting proteins free: progresses and achievements in proteomics of formalin-fixed, paraffin-embedded tissues. Tanca A, Pagnozzi D, Addis MF. 2012. [Review]. Proteomics Clinical Applications 6: 7–21.

BD

Comparability of differential proteomics data generated from paired archival fresh-frozen and formalin-fixed samples by GeLC-MS/MS and spectral counting. Tanca A, Pagnozzi D, Burrai GP, Polinas M, Uzzau S, Antuofermo E, Addis MF. 2012. Journal of Proteomics 77: 561-76.

BD

Characterization of size and composition of milk fat globules from Sarda and Saanen dairy goats. Pisanu S, Marogna G, Pagnozzi D, Piccinini M, Leo G, Tanca A, Roggio AM, Roggio T, Uzzau S, Addis MF. 2013. Small Ruminant Research 109: 141-151.

BD, FT

Application of 2-D DIGE to formalin-fixed diseased tissue samples from hospital repositories: results from four case studies. Tanca A, Addis MF, Simula MP, Pagnozzi D, Biossa G, Pisanu S, Garziera M, Cannizzaro R, Canzonieri V, De Re V, Uzzau S. 2013. *Proteomics Clinical Applications* 7:252-63.

BD

LGI1 microdeletion in autosomal dominant lateral temporal epilepsy. Fanciulli M, Santulli L, Errichiello L, Barozzi C, Tomasi L, Rigon L, Cubeddu T, de Falco A, Rampazzo A, Michelucci R, Uzzau S, Striano S, de Falco FA, Striano P, Nobile C. *Neurology* 78(17):1299-303.

BD

A genome-wide association scan on the levels of markers of inflammation in Sardinians reveals associations that underpin its complex regulation. Naitza S, Porcu E, Steri M, Taub DD, Mulas A, Xiao X, Strait J, Dei M, Lai S, Busonero F, Maschio A, Usala G, Zoledziewska M, Sidore C, Zara I, Pitzalis M, Loi A, Viridis F, Piras R, Deidda F, Whalen MB, Crisponi L, Concas A, Podda C, Uzzau S, Scheet P, Longo DL, Lakatta E, Abecasis GR, Cao A, Schlessinger D, Uda M, Sanna S, Cucca F. *PLoS Genetics* 8(1):e1002480.

BD

Antioxidant activity of supercritical carbon dioxide extracts of *Salvia desoleana* on two human endothelial cell models. Posadino AM, Porcu MC, Marongiu B, Cossu A, Piras A., Porcedda S., Falconieri D, Cappuccinelli R, Biossa G., Pintus GF, Pretti L. 2012. *Food Research International* 46 (1): 354–359

BD

Effects of the fermentation process on gas-cell size two-dimensional distribution and rheological characteristics of durum-wheat-based doughs. Fois S, Fadda C, Tonelli R, Sanna M, Urgeghe P P, Roggio T, Catzeddu P. 2012. *Food Research International* 49: 193–200.

FT

The Application of NIR FT-Raman Spectroscopy to Monitor Starch Retrogradation and Crumb Firmness in Semolina Bread. Piccinini M, Fois S, Secchi N, Sanna M, Roggio T, Catzeddu P. 2012. *Food Analytical Methods* 5: 1145–1149.

FT

Bioconversion of ovine scotta into lactic acid with pure and mixed cultures of lactic acid bacteria. Secchi N, Giunta D, Pretti L, García M R, Roggio T, Mannazzu I, Catzeddu P. 2012. *Journal of Industrial Microbiology and Biotechnology* 39: 175–181.

FT

PUBBLICAZIONI 2011

Proteomics and pathway analysis of the milk fat globule in sheep naturally infected by *Mycoplasma agalactiae*: insights into the in vivo response of the mammary epithelium to bacterial infection. Addis MF, Pisanu S, Ghisaura S, Pagnozzi D, Marogna G, Tanca A, Biossa G, Cacciotto C, Alberti A, Pittau M, Roggio T, Uzzau S. 2011. *Infection and Immunity* 79: 3833-3845.

BD, SD

Comparison of blood serum peptide enrichment methods by Tricine SDS-PAGE and mass spectrometry. Biossa G, Addis MF, Tanca A, Pisanu S, Roggio T, Uzzau S, Pagnozzi D. 2011. *Journal of Proteomics* 75: 93-99.

BD

Effects of postmortem storage temperature on sea bass (*Dicentrarchus labrax*) muscle protein degradation: analysis by 2D DIGE and mass spectrometry. Terova G, Addis MF, Preziosa E, Pisanu S, Pagnozzi D, Biossa G, Gornati R, Bernardini G, Roggio T, Saroglia M. 2011. *Proteomics*. 11: 2901-2910.

BD, SD, FT

Impact of fixation time on gel-based proteomic profiling of formalin-fixed, paraffin-embedded tissues. Tanca A, Pagnozzi D, Falchi G, Biossa G, Rocca S, Foddai G, Uzzau S, Addis MF. 2011. *Journal of Proteomics*. 74: 1015-1021.

BD

Application of 2-D DIGE to formalin-fixed, paraffin-embedded tissues. Tanca A, Pagnozzi D, Falchi G, Tonelli R, Rocca S, Roggio T, Uzzau S, Addis MF. 2011. *Proteomics* 11: 1005-1011.

BD

The sheep milk fat globule membrane proteome. Pisanu S, Ghisaura S, Pagnozzi D, Biossa G, Tanca A, Roggio T, Uzzau S, Addis MF. 2011. *Journal of Proteomics* 74: 350-358.

BD, FT

Proteomic analysis of formalin-fixed, paraffin-embedded lung neuroendocrine tumor samples from hospital archives. Tanca A, Addis MF, Pagnozzi D, Cossu-Rocca P, Tonelli R, Falchi G, Eccher A, Roggio T, Fanciulli G, Uzzau S. 2011. *Journal of Proteomics* 74: 359-370.

BD

Effectiveness of sweet ovine whey powder in increasing the shelf life of Amaretti cookies. Secchi N, Stara G, Anedda R, Campus M, Piga A, Roggio T, Catzeddu P. 2011. *LWT - Food Science and Technology* 44: 1073-1078.

FT

Quality changes of fresh filled pasta during storage. Influence of modified atmosphere packaging on microbial growth and sensory properties. Sanguinetti A M, Del Caro A, Mangia N P, Secchi N, Catzeddu P, Piga A. 2011. *Food Science and Technology International* 17 (1): 23–29.

FT

Rheological properties and baking quality of commercial durum wheat meals used to make flat crispy bread. Fois S, Sanna M, Stara G, Roggio T, Catzeddu P. 2011. *European Food Research and Technology* 232: 713–722.

FT

Sourdough breads. In: *Flour and breads and their fortification in health and disease prevention*. Catzeddu P. 2011. (pp. 37-46). V. R. Preedy, R. R. Watson, & V. B. Patel, (Eds.), London, Burlington, San Diego: Academic Press, Elsevier.

FT

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