

CURRICULUM VITAE ET STUDIORUM

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May 2008 – present Assistant Professor of Surface Engineering and Materials for Electronics at Dip. Chimica, Materiali e Ing. Chimica “G. Natta”.

Feb 2002-April 2008 Senior research scientist at Dip. Chimica, Materiali e Ing. Chimica “G. Natta” – Politecnico di Milano.

Feb 2001 - Feb 2002 Fellowship of Accademia Nazionale dei Lincei - Roma.

May 2001 Visiting scientist at University of California, Berkeley. Supervisor: Prof. Roya Maboudian, College of Chemistry, Chemical Engineering Dept..

Sept 2000 - Jan 2001 Research scientist at Dip. Chimica Fisica Applicata, Politecnico di Milano.

Nov '99 - July 2000 Visiting researcher at University of California, Berkeley. Supervisor: Prof. Roya Maboudian, College of Chemistry, Chemical Engineering Dept..

Nov 1997- Oct 2000 Ph.D. in Electrochemical Engineering, Dip. Chimica Fisica Applicata, Thesis: “Surface Processes for Microelectronics and MEMS”.

June 1997 Degree in Nuclear Engineering (five years degree), Materials specialization, Politecnico di Milano. Thesis: “Pretreatments and interaction among Cu-Zn-Sn for soldering on PCB”.

CORE COMPETENCY

Extensive knowledge in electrochemical systems, surface science and engineering, corrosion, MEMS and in development, fabrication and testing of innovative functional materials and coatings.

University teaching experience in material science, electrochemistry, corrosion and surface engineering. Supervisor of undergraduate and graduate students.

Broad industrial experience in product development, building R&D personnel resource and customer management. Consultant engineer for companies involved in microelectronics, advance coatings, lithography systems and multimedia disc manufacturing.

GRANTS AND AWARDS

- ^{1.} *Johnson Matthey Silver Medal 2013* from The Institute of Materials Finishing
- ^{2.} *Hans-Jürgen Engell Prize 2003* to younger electrochemists on the basis of published work in the field of corrosion, electrodeposition or surface treatment.
- ^{3.} *NACE 2003 A.B. Campbell Award* for the most outstanding manuscript published in

- Corrosion or MP in the previous year by young authors.
- 4. Grant of the Forschungszentrum Julich for MAM2002 European workshop, Vaals, The Netherlands, March 3-6 (2002).
- 5. Fellowship (1 year): Accademia Nazionale dei Lincei, Fondazione Donegani, Roma, Italy (2001).
- 6. Travel grant of The Electrochemical Society, Electrodeposition Division, for the 194th ECS Meeting in Boston, MA, USA, November (1998).

OTHERS

<i>Jan 2011</i>	Vicepresident IUSF International Union of Surface Finishing (2010-2014).
<i>May 2012</i>	President AIFM (Italian Association of Metal Finishing)
<i>May 2006</i>	Member of the Technologies Board of Expotecnica – Racing Car Technology Museum.
<i>November 2008-</i>	Vice president AIFM (Italian Association of Metal Finishing)
<i>July 2001-</i>	NACE books' reviewer.

Editorial Board Member: Galvanotecnica e nuove finiture; American Journal of Materials Science; ISRN Materials Science; Research and Reviews in Electrochemistry


Member: The Electrochemical Society, International Society of Electrochemistry.

ECS Symposium co/organizer:

1. E01 — Metallization of Flexible Electronics — Luca Magagnin, Yosi Shacham-Diamand, Takayuki Homma, Andrew Hoff, Paula Cojocar, Vincenzo Arcella, Giovanni Zangari (227th ECS Meeting Chicago)
2. D1 — Electrodeposition for Energy Applications 3 – S. Brankovic, L. Deligianni, N. Dimitrov, L. Magagnin, S. Calabrese Barton, M. Shao, M. Innocenti, A. Lavacchi (226th ECS Meeting Cancun)
3. D4 Surface — Treatments for Biomedical Applications 4S — Djokic, D. C. Hansen, S. Virtanen, E. J. Taylor, L. Magagnin (226th ECS Meeting Cancun)
4. D2 — Electroless Plating: Principles and Applications 3 — S. Djokic, N. Dimitrov, J. Stickney, L. Magagnin (225th ECS Meeting Orlando)
5. F2 — Novel Design and Electrodeposition Modalities — E. Podlaha, S. Djokic, L. Magagnin (223rd ECS Meeting Toronto)
6. F3 — Electroless Deposition: Principles, Activation and Applications 2 — S. Djokic, W. Cai, T. Homma, L. Magagnin, M. Ryan, L. Stickney, G. Zangari (222nd ECS Meeting Honolulu)
7. F2 — Surface Treatments for Biomedical Applications 3 — S. Djokic, D. C. Hansen, L. Magagnin, L. A. Nagahara, Y. Yoon (221st ECS Meeting Seattle)
8. F1 — Electroless Deposition Principles, Activation, and Applications — S. Djokic, L. Magagnin, M. Ryan, J. Stickney, and G. Zangari (218th ECS Meeting Las Vegas)

Milan, August 2014

Luca Magagnin



LIST OF PUBLICATIONS

Papers:

1. Magagnin, L., Nobili, L., Cavallotti, P.L., Metastable zinc-nickel alloys deposited from an alkaline electrolyte, *Journal of Alloys and Compounds*, in press (2014)
2. Spreafico, M.A., Cojocar, P., Magagnin, L., Triulzi, F., Apostolo, M., PVDF latex as a binder for positive electrodes in lithium-ion batteries, *Industrial and Engineering Chemistry Research*, 53, 22 (2014) 9094-9100
3. Ballarin, N., Carraro, C., Maboudian, R., Magagnin, L., Electropolishing of n-type 3C-polycrystalline silicon carbide, *Electrochemistry Communications*, 40 (2014) 17-19
4. Federico Persico, Maurizio Sansotera, Maria Vittoria Diamanti, Luca Magagnin, Francesco Venturini, Walter Navarrini (2013). Effect of amorphous fluorinated coatings on photocatalytic properties of anodized titanium surfaces THIN SOLID FILMS (ISSN:0040-6090), (pp. 210- 216)
5. T. Mendes, G. Nano, L. Magagnin (2013). Electrochemical recovery of metals in deep eutectic solvents ECS TRANSACTIONS (ISSN:1938-5862), (pp. 63- 67)
6. R. Ardito, L. Baldassarre, A. Corigliano, B. De Masi, A. Frangi, L. Magagnin (2013). Experimental evaluation and numerical modeling of adhesion phenomena in polysilicon MEMS MECCANICA (ISSN:0025-6455), (pp. 1835- 1844)
7. E. Spadoni Andreani, F. Secundo, A. Raygani, L. Magagnin (2013). Nanostructured Gold For Immobilization Of Thioaniline Functionalized Glucose Oxidase And Au Nanoparticles By Electropolymerization ECS TRANSACTIONS (ISSN:1938-5862), (pp. 31-35)
8. L. Magagnin, R. Bernasconi, S. Ieffa, M.V. Diamanti, D. Pezzoli, G. Candiani, MP. Pedferri (2013). Photocatalytic and Antimicrobial Coatings by Electrodeposition of Silver/TiO₂ Nano-Composites ECS TRANSACTIONS (ISSN:1938-5862)
9. P.L. Cavallotti, L. Magagnin (2013). Influence of Added Elements on ACD Electroless NiP ECS TRANSACTIONS (ISSN:1938-5862), (pp. 1- 8)
10. P. Cojocar, L. Magagnin, (2012). ELECTRODEPOSITION OF GOLD COMPOSITES WITH CARBON NANOMATERIALS. in *Engineered Metal Matrix Composites*. (pp. 71- 112)
11. P.L. Cavallotti, L. Magagnin, C. Cavallotti (2013). Influence of added elements on autocatalytic chemical deposition electroless NiP ELECTROCHIMICA ACTA (ISSN:0013- 4686), (pp. 805- 812)
12. L. Magagnin, W. Menghua, S. Torabi Tabatabaei, B. Demir, M. Sansotera, S. Talaemashhadi, W. Navarrini (2012). Electrodeposition of Hierarchical Nanostructured Gold Coatings as Facile Route for Fabrication of Superhydrophobic Surfaces ECS TRANSACTIONS (ISSN:1938-5862), (pp. 111- 119)
13. P.L. Cavallotti, P. Cojocar, L. Magagnin, *Soft gold coatings: Influence of additives and pulse plating*, *Transactions of the Institute of Metal Finishing* 90 (5) (2012) p. 246-251.
14. W. Navarrini, M.V. Diamanti, M. Sansotera, F. Persico, W. Menghua, L. Magagnin, S. Radice, *UV-resistant amorphous fluorinated coating for anodized titanium surfaces*, *Progress in Organic Coatings* 74 (4) (2012) p. 794-800.
15. P. Calleja, J. Esteve, P. Cojocar, L. Magagnin, E. Vallés, E. Gómez, *Developing plating baths for the production of reflective Ni-Cu films*, *Electrochimica Acta* 62 (2012) p. 381– 389.
16. P. Cojocar, L. Magagnin, E. Gómez, E. Vallés, *Using deep eutectic solvents to electrodeposit CoSm films and nanowires*, *Materials Letters*, 65 (2011) p. 3597-3600.
17. P. Cojocar, L. Magagnin, E. Gómez, E. Vallés, *Nanowires of NiCo/barium ferrite*

- magnetic composite by electrodeposition*, Materials Letters 65 (2011) p. 2765-2768.
18. E. Gómez, P. Cojocaru, L. Magagnin, E. Valles, *Electrodeposition of Co, Sm and SmCo from a Deep Eutectic Solvent*, Journal of Electroanalytical Chemistry 658 (2011) p. 18-24.
 19. P. Cojocaru, L. Magagnin, E. Gómez, E. Vallés, *Electrodeposition of CoNiP films with modulated magnetic behaviour*, Transactions of the Institute of Metal Finishing 89 (2011) p. 194-197.
 20. P. Cojocaru, S. Pahari, L. Magagnin, D. Dietrich, A. Liebig, T. Lampke, *Characterization of Electrodeposited NiCo Films with Incorporated Ferrite (BaFe₁₂O₁₉) Nano-Particles*, Z. Phys. Chem. 225 (2011) p. 1–11.
 21. A. M. Cantaragiu, P. Cojocaru, G. Carac, C. Gheorghies, L. Magagnin, *Electrocodeposition of Ag/TiO₂ nanocomposite coatings in cyanide free electrolytes*, Transactions of the Institute of Metal Finishing 89 (2011) p. 39-43.
 22. W. Navarrini, T. Brivio, D. Capobianco, M.V. Diamanti, M. Pedefferri, L. Magagnin, Giuseppe Resnati, *Anti-fingerprints fluorinated coating for anodized titanium avoiding color alteration*, J. Coat. Technol. Res. 8, 2 (2011) p. 153-160.
 23. L. Magagnin, P. Cojocaru, P.L. Cavallotti, *Electrochemical behaviour of nickel ACD-Electroless deposition*, ECS Transactions 33, 18 (2011) p. 1-6.
 24. L. Magagnin, P. Cojocaru, A. Raygani, D. Brivio, F. Secundo, A. Turolla, G. Ottolina, *Galvanic displacement of nanostructured gold for flavoenzyme adsorption in biotechnology*, ECS Transactions 33, 18 (2011) p. 59-66.
 25. P. Cojocaru, A. Leserri, L. Magagnin, M. Vasquez, G. Carac, *Electrodeposition of Ni/Cu multilayer nanowires using alumina template*, ECS Transactions 33, 34 (2011) p. 43-49.
 26. D.E. Rusu, P. Cojocaru, L. Magagnin, C. Gheorghies, G. Carac, *Study of Ni-TiO₂ nanocomposite coating prepared by electrochemical deposition*, Journal of Optoelectronics and Advanced Materials 12 (2010) p. 2419-2422.
 27. P. Cojocaru, L. Magagnin, E. Gomez, E. Valles, F. Liu, C. Carraro, R. Maboudian, *Magnetic micromechanical structures based on CoNi electrodeposited alloys*, J. Micromech. Microeng. 20 (2010) 125017 (6pp).
 28. M. Sansotera, W. Navarrini, L. Magagnin, C.L. Bianchi, A. Sanguineti, P. Metrangolo, G. Resnati, *Hydrophobic carbonaceous materials obtained by covalent bonding of perfluorocarbon and perfluoropolyether chains*, Journal of Materials Chemistry 20 (2010) p. 8607-8616.
 29. P. Cojocaru, F. Muscolino, L. Magagnin, *Effect of organic additives on copper dissolution for e-CMP*, Microelectronic Engineering 87, 11 (2010): p. 2187-2189.
 30. P. Cojocaru, M. Spreafico, E. Gomez, E. Vallés, L. Magagnin, *Electrocodeposition of CoNi/barium ferrite using a forced flow cell*, Surface and Coatings Technology 205 (2010) p. 195-199.
 31. P. Cojocaru, L. Magagnin, E. Gómez, E. Vallés, *Electrodeposition of CoNi and CoNiP alloys in sulfamate electrolytes*, Journal of Alloys and Compounds 503 (2010) p. 454–459.
 32. A. M. Cantaragiu, P. Cojocaru, L. Magagnin, G. Cârâc, C. Gheorghies, *Electrophoretic synthesis and characterization of bioactive HAp/TiO₂ thin films coated on stainless steel*, Journal of Optoelectronics and Advanced Materials, 12, 4 (2010): p. 913 – 918.
 33. P. Cojocaru, L. Magagnin, P.L. Cavallotti, *Effect of 5-phenyl-1H-tetrazole on copper dissolution for e-CMP*, ECS Transactions (2010), 25 (38, Processing, Materials, and Integration of Damascene and 3D Interconnects - 216th ECS Meeting, 2009): p. 65-69.

34. L. Magagnin, P. Cojocaru, D. Dietrich, T. Lampke, *Synthesis of nickel-carbon nanohorn composite films by an electrodeposition technique*, ECS Transactions (2010), 25 (24, Nanotechnology (General) - 216th ECS Meeting, 2009): p. 51-56.
35. P. Cojocaru, F. Muscolino, L. Magagnin, M. Vazquez, G. Badini-Confalonier, G. Carac, *Electrodeposition of Ni/Co and Ni magnetic nanowires using alumina template*, ECS Transactions (2010), 25 (27, Semiconductors, Metal Oxides, and Composites: Metallization and Electrodeposition of Thin Films and Nanostructures): p. 147-153.
36. W. Navarrini, C.L. Bianchi, L. Magagnin, L. Nobili, G. Carignano, P. Mentrangolo, G. Resnati, M. Sansotera, *Low surface energy coatings covalently bonded on diamond-like carbon films*, Diamond and Related Materials 19(4) (2010) p. 336-341.
37. L. Magagnin, P. Cojocaru, F. Muscolino, P.L. Cavallotti, *Sintesi di compositi di nichel con materiali micro/nano strutturati a base di carbonio per elettrodeposizione*, Galvanotecnica e Nuove Finiture, 5 (2009) p. 290-294.
38. G. Carac, T. Lampke, M. Spreafico, P. Cojocaru, L. Magagnin, *Co-deposition of cerium oxide with nickel and cobalt: correlation between microstructure and microhardness*, Galvanotecnica e Nuove Finiture 19(4) (2009) p. 217-220.
39. A. Cojocaru, S. Costovici, L. Anicai, T. Visan, P. Cojocaru, L. Magagnin, P.L. Cavallotti, *Nickel-tin alloy deposition from choline chloride-urea ionic liquids*, Galvanotecnica e Nuove Finiture 19(3) (2009) p. 140-146.
40. P. Cojocaru, F. Muscolino, L. Magagnin, P.L. Cavallotti, *Electrodeposition of gold composite with carbon nanotubes*, Galvanotecnica e Nuove Finiture 19(2) (2009) p. 88-90.
41. L. Nobili, L. Magagnin, *DLC coatings for hydraulic applications*, Trans. Nonferrous Met. Soc. China 19 (2009): p. 810-813.
42. A. Benedetti, L. Magagnin, F. Passaretti, E. Chelossi, M. Faimali, G. Montesperelli, *Cathodic protection of carbon steel in natural seawater: Effect of sunlight radiation*, Electrochimica Acta 54 (2009): p. 6472-6478.
43. E. Pompei, L. Magagnin, N. Lecis, P.L. Cavallotti, *Electrodeposition of nickel-BN composite coatings*, Electrochimica Acta, 54, 9 (2009): p. 2571-2574.
44. P. Cojocaru, L. Magagnin, L. Nobili, *Rivestimenti DLC per applicazioni anti-usura*, Trattamenti e finiture, 6 (2008): p. 60-65.
45. L. Magagnin, L. Nobili, *Rivestimenti DLC per applicazioni idrauliche*, Galvanotecnica e Nuove Finiture, 3 (2008): p. 152-154.
46. S. Galleani, A. Sanvito, F. Pagano, R. Pagano, L. Magagnin, *Funzionalizzazione di superfici di nichel e leghe con monostrati autoassemblati*, Galvanotecnica e Nuove Finiture, 3 (2008): p. 146-150.
47. P. Cojocaru, A. Vincenzo, L. Magagnin, A.C. West, P.L. Cavallotti, *Electropolishing of copper in presence of benzotriazole*, Galvanotecnica e Nuove Finiture, 1 (2008): p. 20-23.
48. C. Carraro, R. Maboudian, L. Magagnin, *Metallization and nanostructuring of semiconductor surfaces by galvanic displacement processes*, Surface Science Reports, 62 (2007): p. 499-525.
49. E. Pompei, L. Magagnin, P.L. Cavallotti, *Deposizione autocatalitica di compositi a matrice Ni-P*, La Metallurgia Italiana, 10 (2007): p. 35-39.
50. F. Mangolini, L. Magagnin, P.L. Cavallotti, *Pulse Plating of Sacrificial Mn-Cu Alloys from Sulphate Bath*, Transactions of the Institute of Metal Finishing, 85, 1 (2007): p. 27-33.
51. F. Mangolini, L. Magagnin, P.L. Cavallotti, *Pulse Plating of Mn-Cu Alloys on Steel*, Journal of The Electrochemical Society, 153, 9 (2006): p. C623-C628.

52. V. Maselli, R. Osellame, G. Cerullo, R. Ramponi, P. Laporta, L. Magagnin, P.L. Cavallotti, *Fabrication of long microchannels with circular cross section using astigmatically shaped femtosecond laser pulses and chemical etching*, Applied Physics Letters 88 (2006): p. 191107-1/3.
53. I. Lombardi, L. Magagnin, P.L. Cavallotti, C. Carraro, R. Maboudian, *Electrochemical Fabrication of Supported Ni Nanostructures through Transferred Porous Anodic Alumina Mask*, Electrochemical and Solid-State Letters, 9, 5 (2006): p. D13-D16.
54. G. Salvago, L. Magagnin and C. Mapelli, *Technology for preserving surface features of ancient finds in sea water*, Surface Engineering, 21, 5/6 (2005): p. 340-345.
55. A. Bianchi, I. Lombardi, L. Magagnin, P.L. Cavallotti, *Deposizione chimica ed elettrochimica di compositi a matrice Ni-P*, Galvanotecnica e nuove finiture, Anno XV-LVI, 5 (2005): p. 272-279.
56. L. Magagnin, V. Sirtori, S. Seregini, A. Origo, P.L. Cavallotti, *Electroless Co-P for diffusion barrier in Pb-free soldering*, Electrochimica Acta, 50, 23 (2005): p. 4621-4625.
57. L. Magagnin, G. Salvago, *Conservazione e protezione delle opere in ferro di interesse archeologico o storico-artistico - Parte II*, La Metallurgia Italiana, 6 (2005): p. 61-65.
58. G. Salvago, S. Maffi, A. Benedetti, L. Magagnin, *Coating Electroaccretion on Galvanized Iron and Aluminum in Seawater*, Electrochimica Acta, 50, 1 (2004): p. 169-178.
59. F. Mangolini, L. Magagnin, P.L. Cavallotti, *Electrodeposition of sacrificial Mn-Cu alloys on steel*, Galvanotecnica e nuove finiture, Anno XIV-LV, 5 (2004): p. 278-283.
60. L. Magagnin, A. Vincenzo, M. Bain, H.W. Toh, H.S. Gamble, P.L. Cavallotti, *Nucleation and Growth of ECD Cu on PVD TiN from Low Acid Sulfate Electrolyte*, Microelectronic Engineering, 76, 1-4 (2004): p. 131-136.
61. V. Sirtori, L. Magagnin, E. Saglia, P.L. Cavallotti, *Calculation Model of Rough Gold Optical Constants*, Surface Science, 554, 2-3 (2004): p. 119-124.
62. F. Sanvito, L. Magagnin, M. Bestetti, P.L. Cavallotti, *Elettrodeposizione di leghe Cr-Ni da elettroliti di cromo trivalente*, Galvanotecnica e nuove finiture, Anno XIV-LV, 2 (2004): p. 94-98.
63. G. Bazzani, M. Bestetti, L. Magagnin, L. Nobili, A. Vincenzo, P.L. Cavallotti, *Nanotecnologie e rivestimenti nanostrutturati: la nuova frontiera dell'attività galvanica*, Galvanotecnica e nuove finiture, Anno XIII-LIV, 3 (2003): p. 138-147.
64. V. Sirtori, I. Lombardi, P.L. Cavallotti, L. Magagnin, *Determination of Correct Composition in Nickel-Phosphorus Films by XPS Angle Resolved Technique*, Applied Surface Science, 217, 1-4 (2003): p. 163-169.
65. L. Magagnin, R. Maboudian, C. Carraro, *Adhesion Evaluation of Immersion Plating Copper Films on Silicon by Microindentation Measurements*, Thin Solid Films, 434, 1-2 (2003): p. 100-105.
66. P.L. Cavallotti, G. Bazzani, M. Bestetti, L. Magagnin, L. Nobili, A. Vincenzo, *Rivestimenti metallici nanostrutturati per elettronica*, Trattamenti e Finiture, 2, Aprile (2003): p. 90-94.
67. V. Sirtori, I. Lombardi, E. Saglia, S. Seregini, L. Magagnin, P.L. Cavallotti, *Caratterizzazione chimico-fisica di finiture per superfici di rame nelle giunzioni Sn-Pb e Sn-Ag-Cu in elettronica*, Galvanotecnica e nuove finiture, Anno XIII-LIV, 1 (2003): p. 26-32.
68. M. Bestetti, U. Ducati, P.L. Cavallotti, I. Lombardi, L. Magagnin, S. Franz, A. Vincenzo, C. Ducati, *Studi sull'applicazione dei nanotubi di carbonio nei rivestimenti*

- di superficie*, Galvanotecnica e nuove finiture, Anno XIII-LIV, 1 (2003): p. 10-17.
69. M. Bestetti, U. Ducati, P.L. Cavallotti, I. Lombardi, L. Magagnin, S. Franz, A. Vincenzo, C. Ducati, *Carbon nanotubes in surface coatings*, Trattamenti e Finiture, 43,7 (2003): p. 58-67.
 70. L. Magagnin, V. Bertani, P.L. Cavallotti, R. Maboudian, C. Carraro, *Selective Deposition of Gold Nanoclusters on Silicon by a Galvanic Displacement Process*, Microelectronic Engineering, 64 (2002): p. 479-485.
 71. L. Magagnin, F. Brunella, P.L. Cavallotti, *Tecniche di analisi per l'industria galvanica*, Trattamenti e Finiture, 6, Ottobre (2002): p. 78-82.
 72. L. Magagnin, F. Brunella, P.L. Cavallotti, *Tecniche di analisi per l'industria galvanica*, Galvanotecnica e nuove finiture, Anno XII-LIII, Maggio-Luglio (2002): p. 144-147.
 73. G. Salvago, L. Magagnin, F. Bolzoni, *Evolution en el tiempo del comportamiento anodico de materiales pasivos y sus efectos sobre el potencial de corrosion en aguas naturales*, Informacion Tecnologica, 13, 3 (2002): p. 151-160.
 74. C. Carraro, L. Magagnin, R. Maboudian, *Selective Metallization of Silicon Micromechanical Devices*, Electrochimica Acta, 47 (2002): p. 2583-2588.
 75. G. Salvago, L. Magagnin, M. Bestetti, *Unified approach to localized and general corrosion of stainless steels*, Electrochimica Acta, 47, 11 (2002): p. 1787-1793.
 76. L. Magagnin, R. Maboudian, C. Carraro, *Gold Deposition by Galvanic Displacement on Semiconductor Surfaces: Effect of Substrate on Adhesion*, Journal of Physical Chemistry B, 106, 2 (2002): p. 401-407.
 77. G. Salvago, L. Magagnin, *Biofilm effect on the cathodic and anodic processes on stainless steel in seawater near the corrosion potential. Part II: oxygen reduction on passive metal*, Corrosion, 57, 9 (2001): p. 759-767.
 78. G. Salvago, L. Magagnin, *Biofilm effect on the cathodic and anodic processes on stainless steel in seawater near the corrosion potential. Part I: the corrosion potential*, Corrosion, 57, 8 (2001): p. 680-692.
 79. L. Magagnin, G. Salvago, *Statistical Evaluation of Localized Corrosion for Stainless Steels Ranking*, Corrosion Reviews, Vol. XIX, No 3-4 (2001): p. 347-370.
 80. G. Salvago, L. Magagnin, M. Bestetti, *Discretization model of general corrosion*, Corrosion, 57, 2 (2001): p. 118-125.
 81. L. Magagnin, R. Maboudian, C. Carraro, *Selective deposition of thin copper films onto silicon with improved adhesion*, Electrochemical and Solid-State Letters, 4, 1 (2001): p. C5-C7.
 82. L. Magagnin, M. Bestetti, A. Vincenzo, P.L. Cavallotti, *Solfiorazione dell'Argento e delle sue Leghe*, Galvanotecnica e nuove finiture, Anno X-LI, Nov-Dic (2000): p. 276-281.
 83. B. Bozzini, G. Giovannelli, N. Lecis, C. Lenardi, L. Magagnin, D. Manara, E. Negri, R. Vallauri, G. Zangari, *Sviluppi nella elettrochimica dei metalli e nella caratterizzazione dei rivestimenti*, Galvanotecnica e nuove finiture, 9 (1999): p. 256-268.
 84. P.L. Cavallotti, L. Magagnin, V. Sirtori, F. Zambon, *Trattamenti superficiali protettivi su rame e sue leghe*, La Metallurgia Italiana, 8-9 (1999): p. 19-23.
 85. P.L. Cavallotti, L. Magagnin, A. Di Donna, *Comportamento a corrosione di leghe di zinco passivate*, Galvanotecnica e nuove finiture, Anno IX-L, Gen-Feb (1999): p. 18-23.

Proceedings (Author underlined if speaker):

1. R. Ardito, L. Baldassarre, A. Corigliano, B. de Masi, A. Frangi, L. Magagnin, *Adhesion energy in silicon MEMS: comparison of experiments and simulations*, Proceedings

- AIMETA 2011, Bologna, Italy (2011).
2. L. Magagnin, P. Cojocaru, A. Raygani, T. Visan, *Choline chloride based ionic liquids for the electrodeposition of metals and alloys*, Proceedings Aluminum2000, Bologna, Italy (2011).
 3. L. Magagnin, R. Ardito, L. Baldassarre, A. Corigliano, B. De Masi, A. Frangi, A. Raygani, *Adhesion Properties of Real Rough Surfaces in Silicon MEMS*, Proceeding Smart Systems Integration, Dresden, Germany (2011).
 4. G. Bianucci, O. Citterio, M. Pedrali, G. Valsecchi, P. Cojocaru, L. Magagnin, F. Muscolino, P.L. Cavallotti, *Electroforming for new generation lithography*, Poliefun Series, TST'08, vol. 1 (2009) p. 103-107. ISBN: 978-88-95608-06-8.
 5. L. Nobili, L. Magagnin, *Comportamento autolubrificante di rivestimenti di DLC in acqua*, 32° Convegno AIM, held September 24-26, Ferrara, Italy (2008).
 6. P. Cojocaru, L. Magagnin, P.L. Cavallotti, *Materiali compositi a matrice metallica ottenuti mediante processi elettrochimici*, Atti del 9° Convegno Nazionale AIMAT, held June 29 – July 2, Piano di Sorrento (2008).
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