

5. Elenco delle Pubblicazioni

a. Articoli in riviste scientifiche internazionali, con revisori

- P1. “ Infrared study and characterization of Zn diffused InP ”
A. Borghesi, G. Guizzetti, M. Patrini, A. Caligiore, R.C. Chen, S. Pellegrino
Journal of Applied Physics 74, 2445 (1993) [Melville, NY, USA].
- P2. “ Spectroscopic ellipsometry of FeSi films ”
M. Patrini, F. Marabelli, N. Onda, H. von Känel
Helvetica Physica Acta 66, 421 (1993) [Basel, Switzerland].
- P3. “ Far-IR characterization of GaInAs/InP quantum wells and superlattices “
M. Amiotti, G. Guizzetti, M. Patrini, G. Landgren
Materials Science and Engineering B28, 337 (1994) [New York, USA].
- P4. “ Study of vibrational properties of InGaAsP by far infrared reflectivity “
M. Amiotti, G. Guizzetti, M. Patrini, A. Piaggi, A. Borghesi, L. Colombo, G. Landgren
Journal of Applied Physics 75, 3085 (1994) [Melville, NY, USA].
- P5. “ Optical properties of fullerite thin films in the 0.4 to 32 eV energy range “
G Guizzetti, F. Marabelli, M. Patrini, V. Capozzi, G. Lorusso, A. Minafra, M. Manfredini,
P. Milani
Physica Status Solidi (b) 183, 267 (1994) [Berlin, Germany].
- P6. “ Ellipsometric investigation of C₆₀ single crystal “
P. Milani, M. Manfredini, G. Guizzetti, F. Marabelli, M. Patrini
Solid State Communications 90, 639 (1994) [Oxford, UK].
- P7. “ Investigation of GaInAs/InP superlattices by electron microscopy, X-ray diffraction
and spectroscopic ellipsometry “
M. Amiotti, G. Guizzetti, M. Patrini, L. Francesio, P. Franzosi, G. Mattei, G. Landgren
Semiconductor Science and Technology, 10, 492 (1995) [Bristol, UK].
- P8. “ Comparison of bulk and surface structure in hydrogenated amorphous Carbon films “,
C. De Martino, F. Demichelis, A. Tagliaferro, M. Patrini, A. Rizzi, M. Fontaine, J.M. Layet
Diamond and Related Materials 4, 996 (1995) [Lausanne, Switzerland].
- P9. “ Optical study of strained and relaxed epitaxial In_xGa_{1-x}As on GaAs “
L.C. Andreani, D. De Nova, S. Di Lernia, M. Geddo, G. Guizzetti, M. Patrini, C. Bocchi,
A. Bosacchi, C. Ferrari, S. Franchi
Journal of Applied Physics 78, 6745 (1995) [Melville, NY, USA].
- P10. “ Optical functions of epitaxial @-FeSi₂ on Si(001) and Si(111) “
V. Bellani, G. Guizzetti, F. Marabelli, M. Patrini, S. Lagomarsino, H. von Känel
Solid State Communications 96, 751 (1995) [Oxford, UK].
- P11. “ Optical study of C₆₀ single-crystals and thin films “
G. Guizzetti, F. Marabelli, M. Patrini, M. Manfredini, P. Milani
Il Vuoto , Vol. XXV, 9 (1996) [Bologna, Italy].
- P12. “ Bulk and surface in a-C:H films ”
F. Demichelis, M. Fontaine, G. Guizzetti, J.M. Layet, M. Patrini, A. Rizzi, A. Tagliaferro,
C. De Martino

Il Vuoto, Vol. XXV, 52 (1996) [Bologna, Italy].

- P13. “ Optical functions of bulk and epitaxial GaSb from 0.0025 to 6 eV “
M. Patrini, G. Guizzetti, M. Galli, R. Ferrini, A. Bosacchi, S. Franchi, R. Magnanini
Solid State Communications 101, 93 (1997) [Oxford, UK].
- P14. “ Measurement and simulation of anisotropy in the Infrared and Raman spectra of
®-FeSi₂ single crystals “
G. Guizzetti, F. Marabelli, M. Patrini, P. Pellegrino, B. Pivac, L. Miglio, V. Meregalli,
H. Lange, W. Henrion, V. Tomm
Physical Review B 55, 14290 (1997) [New York, USA].
- P15. “ Phonon response of Al_xGa_{1-x}Sb/GaSb epitaxial layers by Fourier-transform Infrared-reflectance
and Raman spectroscopies “
R. Ferrini, M. Galli, G. Guizzetti, M. Patrini, A. Bosacchi, S. Franchi, R. Magnanini
Physical Review B 56, 7549 (1997) [New York, USA].
- P16. ” Infrared reflectance study of n-type GaSb epitaxial layers ”
R. Ferrini, G. Guizzetti, M. Patrini, A. Bosacchi, S. Franchi, R. Magnanini
Solid State Communications 104, 747 (1997) [Oxford, UK].
- P17. “ Synthesis and characterization of cluster-assembled Carbon thin films “
P. Milani, M. Ferretti, P. Piseri, C.E. Bottani, A. Ferrari, A. Li Bassi, G. Guizzetti, M. Patrini
Journal of Applied Physics 82, 5793 (1997) [Melville, NY, USA].
- P18. “ Optical evaluation of the ionized EL2 fraction in proton (24 GeV) irradiated semi-insulating
GaAs “
R. Ferrini, M. Galli, G. Guizzetti, M. Patrini, F. Nava, C. Canali, P. Vanni
Applied Physics Letters 71, 3084 (1997) [Argonne, USA].
- P19. ” Photoreflectance of GaSb/Al_{0.4}Ga_{0.6}Sb single quantum wells ”
M.Geddo, R. Ferrini, M. Patrini, S. Franchi, A. Baraldi, R. Magnanini
Applied Physics Letters 73, 1254 (1998) [Argonne, USA].
- P20. ” Optical functions from 0.02 to 6 eV of AlGaSb/GaSb epitaxial layers ”
R. Ferrini, M. Patrini, S. Franchi
Journal of Applied Physics 84, 4517 (1998) [Melville, NY, USA].
- P21. ” Reflectance study of Al_{0.4}Ga_{0.6}Sb/GaSb single quantum wells ”
R. Ferrini, M. Geddo, M. Patrini, S. Franchi
Physica Status Solidi (a) 170, 259 (1998) [Berlin, Germany].
- P22. “ Optical study of AlGaSb/GaSb single quantum wells ”
R. Ferrini, M. Geddo, G. Guizzetti, M. Patrini, S. Franchi, C. Bocchi, E. Kh. Mukhamedzhanov,
A. Baraldi, R. Magnanini
Physical Review B 59, 15395 (1999) [New York, USA].
- P23. ” Ellipsometric study of optical properties of liquid Ga nanoparticles ”
D. Tordova, M. Patrini, P. Tognini, A. Stella, P. Cheyssac, R. Kofman
Journal of Physics Condensed Matter 11, 2211 (1999) [Bristol, UK].
- P24. ” Interband optical properties of molecular beam epitaxially grown GaAs_{1-x}Sb_x on GaAs
substrates ”
R. Ferrini, M. Geddo, G. Guizzetti, M. Patrini, S. Franchi, C. Bocchi, F. Germini, A. Baraldi,
R. Magnanini

Journal of Applied Physics 86, 4706 (1999) [Melville, NY, USA].

- P25. “ Photorefectance characterization of InAs/GaAs self-assembled quantum dots grown by ALMBE ”
M. Geddo, R. Ferrini, G. Guizzetti, M. Patrini, S. Franchi, P. Frigeri, G. Salviati, L. Lazzarini
European Physics Journal B 16, 19 (2000) [Les Ulis, France].
- P26. “ Influence of acceptor impurities on semi-insulating GaAs particles detectors ”
R. Ferrini, G. Guizzetti, M. Patrini, F. Nava, P. Vanni, C. Lanzieri
European Physics Journal B 16, 213 (2000) [Les Ulis, France].
- P27. “ Optical study of intersubband transitions in GaSb/AlGaSb systems for QWIPs ”
R. Ferrini, G. Guizzetti, M. Patrini, S. Franchi
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- P28. “ Linear and nonlinear optical characterization of Ga nanoparticle monolayers ”
A.M. Malvezzi, M. Patrini, A. Stella, P. Tognini, P. Cheyssac, R. Kofman
Materials Science and Engineering C 15, 33 (2001) [New York, USA].
- P29. “ Bulk and surface contributions to second-order susceptibility in crystalline and porous silicon by second-harmonic generation ”
M. Falasconi, L.C. Andreani, A.M. Malvezzi, M. Patrini, V. Mulloni, L. Pavesi
Surface Science 481, 105 (2001) [Amsterdam, The Netherlands].
- P30. “ Second harmonic generation in Ga nanoparticle monolayers ”
A.M. Malvezzi, M. Patrini, A. Stella, P. Tognini, P. Cheyssac, R. Kofman
European Physics Journal D 16, 321 (2001) [Les Ulis, France].
- P31. “ Spectroscopy of photonic bands in macroporous silicon photonic crystals ”
M. Galli, M. Agio, L.C. Andreani, M. Belotti, G. Guizzetti, F. Marabelli, M. Patrini, P. Bettotti, L. Dal Negro, Z. Gaburro, L. Pavesi, A. Lui, P. Bellutti
Physical Review B 65, 113111 (2002) [New York, USA].
Selected by *Virtual Journal of Nanoscale Science and Technology* 5, n.11 (2002).
- P32. “ Nanoscienze e nanotecnologie ”
M. Patrini, A. Stella, M. Allione
Il Nuovo Saggiatore 18 (5-6), 57 (2002) [Editrice Compositori, Bologna].
- P33. “ Optical functions of InGaP/GaAs epitaxial layers from 0.01 to 5.5 eV ”
R. Ferrini, G. Guizzetti, M. Patrini, A. Parisini, L. Tarricone, B. Valenti
European Physics Journal B 27, 449 (2002) [Les Ulis, France].
- P34. “ Photonic bands in patterned Silicon on Insulator waveguides ”
M. Patrini, M. Galli, F. Marabelli, M. Agio, L.C. Andreani, D. Peyrade, Y. Chen
IEEE Journal of Quantum Electronics 38, 885 (2002) [Piscataway, USA].
- P35. “ Fabrication and optical measurements of silicon on insulator photonic nanostructures ”
D. Peyrade, Y. Chen, A. Talneau, M. Patrini, M. Galli, F. Marabelli, M. Agio, L.C. Andreani, E. Silberstein, P. Lalanne
Microelectronic Engineering, 61-62, 529 (2002) [Amsterdam, The Netherlands].
- P36. “ Optical response of one-dimensional $(\text{Si}/\text{SiO}_2)_m$ photonic crystals ”
M. Patrini, M. Galli, M. Belotti, L.C. Andreani, G. Guizzetti, G. Pucker, A. Lui, P. Bellutti, L. Pavesi

- Journal of Applied Physics* 92, 1816 (2002). [Melville, NY, USA]
Selected by *Virtual Journal of Nanoscale Science and Technology* 6, n.7 (2002).
- P37. “ Fabrication by means of X-ray lithography of 2D GaAs/AlGaAs photonic crystals with an unconventional unit cell ”
F. Romanato, L. Businaro, E. Di Fabrizio, A. Passaseo, M. De Vittorio, R. Cingolani, M. Patrini, M. Galli, D. Bajoni, L.C. Andreani, F. Giacometti, M. Gentili, D. Peyrade, Y. Chen
NanoTechnology 13, 644 (2002) [Bristol, UK].
- P38. “ Melting induced enhancement of the second-harmonic generation from metal nanoparticles ”
A.M. Malvezzi, M. Allione, M. Patrini, A. Stella, P. Cheyssac, R. Kofman
Physical Review Letters 89, 087401 (2002) [Ridge, NY, USA].
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and *Virtual Journal of Nanoscale Science and Technology* 6, n. 7 (2002).
- P39. “ P-type macroporous silicon for two-dimensional photonic crystals ”
P. Bettotti, L. Dal Negro, Z. Gaburro, L. Pavesi, A. Lui, M. Galli, M. Patrini, F. Marabelli
Journal of Applied Physics 92, 6966 (2002) [Melville, NY, USA].
Selected by *Virtual Journal of Nanoscale Science and Technology* 6, n. 24 (2002).
- P40. “ Linear optical properties and photonic mode dispersion in GaAs/AlGaAs photonic crystal slabs ”
M. Patrini, M. Galli, M. Agio, L. C. Andreani, D. Bajoni, G. Guizzetti, L. Businaro, E. Di Fabrizio, F. Romanato, A. Passaseo
Physica E 17, 418 (2003) [Amsterdam, The Netherlands].
- P41. “ Second-harmonic generation measured on a GaAs photonic crystal planar waveguide ”
L. C. Andreani, F. Cattaneo, G. Guizzetti, A. M. Malvezzi, M. Patrini,
G. Vecchi, F. Romanato, L. Businaro, E. Di Fabrizio, A. Passaseo, M. De Vittorio
Physica E 17, 402 (2003) [Amsterdam, The Netherlands].
- P42. “ Influence of phase transitions on the second harmonic generation from metal nanoparticles ”
S. Achilli, M Allione, A.M. Malvezzi, M. Patrini A. Stella, P. Cheyssac, R. Kofman
European Physical Journal D 24, 223 (2003) [Les Ulis, France].
- P43. “ Second harmonic generation in gallium nanoparticle monolayers across the solid to liquid phase transitions ”
A. Stella, S. Achilli, M Allione, A.M. Malvezzi, M. Patrini, R. Kofman
Microelectronics Journal 34, 619 (2003) [Oxford, UK].
- P44. “ High resolution complex structures for two-dimensional photonic crystals realized by X-ray diffraction lithography ”
L. Businaro, F. Romanato, P. Candeloro, E. Di Fabrizio, M. Patrini, M. Galli, L.C. Andreani, A. Passaseo, M. De Vittorio
Journal of Vacuum Science and Technology B 21, 748 (2003) [North Carolina, USA].
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- P45. “ Resonant second-harmonic generation and mode dispersion in photonic crystal waveguides ”
L.C. Andreani, G. Guizzetti, M. Patrini, G. Vecchi, A.M. Malvezzi, L. Businaro, F. Romanato, E. Di Fabrizio, A. Passaseo
Physica Status Solidi (b) 238, 428 (2003) [Weinheim, Germany].
- P46. “ Morphology and optical properties of bare and polydiacetylenes-infiltrated opals ”
D. Comoretto, F. Marabelli, C. Soci, M. Galli, E. Pavarini, M. Patrini, L.C. Andreani
Synthetic Metals 139, 633 (2003) [New York, USA].

- P47. “ Optical properties and photonic mode dispersion in two-dimensional and waveguide-embedded photonic crystals ”
L.C. Andreani, M. Agio, D. Bajoni, M. Belotti, M. Galli, G. Guizzetti, A.M. Malvezzi, F. Marabelli, M. Patrini, G. Vecchi
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- P48. “ Resonant second-harmonic generation in a GaAs photonic crystal waveguide ”
A.M. Malvezzi, G. Vecchi, M. Patrini, G. Guizzetti, L. C. Andreani, F. Romanato, L. Businaro, E. Di Fabrizio, A. Passaseo, M. De Vittorio
Physical Review B 68, 161306(R) (2003) [New York, USA].
Selected by *Virtual Journal of Nanoscale Science & Technology* 8, n.17 (2003).
- P49. “ Excitation of radiative and evanescent defect modes in linear photonic crystal waveguides ”
M. Galli, M. Belotti, D. Bajoni, M. Patrini, G. Guizzetti, D. Gerace, M. Agio, L.C. Andreani, Y. Chen
Physical Review B 70, 081307(R) (2004) [New York, USA].
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- P50. “ Silver sensitized Erbium-doped ion exchanged sol-gel waveguides ”
A. Martucci, M. De Nuntis, A. Ribaud, M. Guglielmi, S. Padovani, F. Enrichi, G. Mattei, P. Mazzoldi, C. Sada, E. Trave, G. Battaglin, F. Gonella, E. Borsella, M. Falconieri, M. Patrini, J. Fick
Applied Physics A 80, 557 (2005) [Heidelberg, Germany].
- P51. “ Measurement of photonic mode dispersion and linewidths in Silicon-on-Insulator photonic crystal slabs ”
M. Galli, D. Bajoni, M. Belotti, F. Paleari, M. Patrini, G. Guizzetti, D. Gerace, M. Agio, L. C. Andreani, D. Peyrade, Y. Chen
IEEE Journal of Selected Areas in Communications 23, 1402 (2005) [Piscataway, USA].
- P52. “ Enhanced third harmonic reflection and diffraction in Silicon on Insulator photonic waveguides ”
C. Comaschi, G. Vecchi, A.M. Malvezzi, M. Patrini, G. Guizzetti, M. Liscidini, L.C. Andreani, D. Peyrade, Y. Chen
Applied Physics B 81, 305 (2005) [Berlin, Germany].
- P53. “ Single-mode versus multi-mode behavior in Silicon photonic crystal waveguides measured by attenuated total reflectance ”
M. Galli, D. Bajoni, M. Patrini, G. Guizzetti, D. Gerace, L.C. Andreani, M. Belotti, Y. Chen
Physical Review B 72, 125322 (2005) [New York, USA].
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- P54. “ Metamorphic buffers and optical measurement of residual strain ”
M. Geddo, G. Guizzetti, M. Patrini, T. Ciabattini, L. Seravalli, P. Frigeri, S. Franchi
Applied Physics Letters 87, 263120 (2005) [Argonne, USA].
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- P55. “ Effective refractive index and group velocity determination of three-dimensional photonic crystals by means of white light interferometry ”
J. F. Galisteo-López, M. Galli, M. Patrini, A. Balestreri, L. C. Andreani, C. López
Physical Review B 73, 125103 (2006) [New York, USA].
Selected by *Virtual Journal of Nanoscale Science and Technology* 13, n. 11 (2006).
- P56. “ Surface characterization by Atomic Force Microscopy of sterilized PLGA microspheres ”
R. Dorati, M. Patrini, P. Perugini, F. Pavanetto, A. Stella, T. Modena, I. Genta, B. Conti

Journal of Microencapsulation 23, 123 (2006) [London, UK].

- P57. “ Strong enhancement of Er³⁺ emission at room temperature in silicon-on-insulator photonic crystal waveguides ”
M. Galli, A. Politi, M. Belotti, D. Gerace, M. Liscidini, M. Patrini, L. C. Andreani, M. Miritello, A. Irrera, F. Priolo, Y. Chen
Applied Physics Letters 88, 251114 (2006) [Argonne, USA].
Selected by *Virtual Journal of Nanoscale Science and Technology* 14, n.1 (2006).
- P58. “ Direct evidence of light confinement and emission enhancement in active silicon-on-insulator slot waveguides ”
M. Galli, D. Gerace, A. Politi, M. Liscidini, M. Patrini, L.C. Andreani, A. Canino, M. Miritello, R. Lo Savio, A. Irrera, F. Priolo
Applied Physics Letters 89, 241114 (2006) [Argonne, USA].
Selected by *Virtual Journal of Nanoscale Science and Technology* 14, n.26 (2006).
- P59. “ Quantum dot strain engineering of InAs/InGaAs nanostructures ”
L. Seravalli, M. Minelli, P. Frigeri, S. Franchi, G. Guizzetti, M. Patrini, T. Ciabattoni M. Geddo
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- P60. “ Theoretical and experimental study of the Suzuki-phase photonic crystal lattice by angle-resolved photoluminescence spectroscopy ”
A. R. Alija, L. J. Martínez, P. A. Postigo, J. Sánchez-Dehesa, M. Galli, A. Politi, M. Patrini, L. C. Andreani, C. Seassal, P. Viktorovitch
Optics Express 15, 704 (2007) [All-electronic journal by OSA, Washington, USA].
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- P61. “ Photorefectance and reflectance investigation of deuterium-irradiated GaAsN ”
M. Geddo, T. Ciabattoni, G. Guizzetti, M. Galli, M. Patrini, A. Polimeni, R. Trotta, M. Capizzi, G. Bais, M. Piccin, S. Rubini, F. Martelli, A. Franciosi
Applied Physics Letters 90, 091907 (2007) [Argonne, USA].
- P62. “ Residual strain measurements in InGaAs metamorphic buffer layers on GaAs ”
V. Bellani, C. Bocchi, T. Ciabattoni, S. Franchi, P. Frigeri, P. Galinetto, M. Geddo, F. Germini, G. Guizzetti, L. Nasi, M. Patrini, L. Seravalli, G. Trevisi
European Physical Journal B 56, 217 (2007) [Les Ulis, France].
- P63. “ Laser nanosources based on planar photonic crystals as new platforms for nanophotonic devices ”
P.A. Postigo, A.R. Alija, L.J. Martinez, M.L. Dotor, D. Golmayo, J. Sanchez-Dehesa, C. Seassal, P. Viktorovitch, M. Galli, A. Politi, M. Patrini, L.C. Andreani
Photonics and Nanostructures 5, 79 (2007) [Amsterdam, The Netherlands].
- P64. “ Slow to superluminal light waves in thin 3D photonic crystals ”
J. F. Galisteo-Lopez, M. Galli, A. Balestreri, M. Patrini, L.C. Andreani, C. Lopez
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- P65. “ Attomole (amol) myoglobin Raman detection from plasmonic nanostructures ”
G. Das, F. Mecarini, F. De Angelis, M. Prasciolu, C. Liberale, M. Patrini, E. Di Fabrizio
Microelectronic Engineering 85, 1282 (2008) [Amsterdam, The Netherlands].
- P66. “ A hybrid plasmonic-photonic nanodevice for label-free detection of a few molecules ”
F. De Angelis, M. Patrini, G. Das, I. Maksymov, M Galli, L. Businaro, L.C. Andreani, E. Di Fabrizio

- Nano Letters* 8, 2321 (2008) [Berkeley, USA].
- P67. “ Optical response with threefold symmetry axis on oriented microdomains of opal photonic crystals ”
L.C. Andreani, A. Balestreri, J.F. Galisteo-López, M. Galli, M. Patrini, E. Descrovi, A. Chiodoni, F. Giorgis, L. Pallavidino, F. Geobaldo
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- P68. “ Grating couplers on porous silicon planar waveguides for sensing applications ”
X. Wei, C. Kan, M. Liscidini, G. Rong, S. T. Retterer, M. Patrini, J.E. Sipe, S.M. Weiss
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- P69. “ Demonstration of diffraction enhancement via Bloch surface waves in a-SiN:H multilayers ”
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- P70. “ Spectroscopic evaluation of surface functionalization efficiency in the preparation of mercaptopropyltrimethoxysilane self-assembled monolayers on glass ”
P. Pallavicini, G. Dacarro, M. Galli, M. Patrini
Journal of Colloid and Interface Science 332, 432 (2009) [Amsterdam, The Netherlands].
- P71. “ New approaches for enhancing light emission from Er-based materials and devices ”
A. Irrera, M. Galli, M. Miritello, R. Lo Savio, F. Iacona, G. Franzò, A. Canino, A.M. Piro, M. Belotti, D. Gerace, A. Politi, M. Liscidini, M. Patrini, D. Sanfilippo, P.G. Fallica, L.C. Andreani, F. Priolo
Physica E 41, 891 (2009) [Amsterdam, The Netherlands].
- P72. “ Strong modification of light emission from a dye monolayer via Bloch surface waves ”
M. Liscidini, M. Galli, M. Shi, G. Dacarro, M. Patrini, D. Bajoni, J.E. Sipe
Optics Letters 34, 2318 (2009) [Washington, USA]
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- P73. “ Exciton polaritons in two-dimensional photonic crystals ”
D. Bajoni, D. Gerace, M. Galli, J. Bloch, R. Braive, I. Sagnes, A. Miard, A. Lemaitre, M. Patrini, L.C. Andreani
Physical Review B 80, 201308(R) (2009) [New York, USA].
- P74. “ Nanoscale chemical mapping using three-dimensional adiabatic compression of surface plasmon polaritons ”
F. De Angelis, G. Das, P. Candeloro, M. Patrini, M. Galli, A. Bek, M. Lazzarino, I. Maksymov, C. Liberale, L.C. Andreani, E. Di Fabrizio
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- P75. “ Self-assembled monolayers of silver nanoparticles firmly grafted on glass surfaces: Low Ag⁺ release for an efficient antibacterial activity ”
P. Pallavicini, A. Taglietti, G. Dacarro, Y. A. Diaz-Fernandez, M. Galli, P. Grisoli, M. Patrini, G. Santucci De Magistris, R. Zanoni
Journal of Colloid and Interface Science 350, 110 (2010) [Amsterdam, The Netherlands].
- P76. “ Effects of particle contamination and substrate interaction on the Raman response of unintentionally doped graphene ”
J. M. Caridad, F. Rossella, V. Bellani, M. Maicas, M. Patrini, E. Díez
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- P77. “ Chitosan-associated SLN: *in vitro* and *ex vivo* characterization of cyclosporine A loaded

- ophthalmic systems ”
 G. Sandri, M.C. Bonferoni, E.H. Goke, F. Ferrari, S. Rossi, M. Patrini and C. Caramella
Journal of Microencapsulation 27, 735 (2010) [London, UK].
- P78. “ A monolayer of a Cu²⁺-tetraazamacrocyclic complex on glass as the adhesive layer for silver nanoparticles grafting in the preparation of surface-active antibacterial new materials ”
 P. Pallavicini, G. Dacarro, L. Cucca, F. Denat, P. Grisoli, M. Patrini, N. Sok and A. Taglietti
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- P79. “ Optical study of hydrogen-irradiated GaAsN/GaAs heterostructures ”
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- P80. “ Directional enhancement of spontaneous emission in polymer flexible microcavities ”
 L. Frezza, M. Patrini, M. Liscidini and D. Comoretto
The Journal of Physical Chemistry C 115, 19939 (2011) [Washington, USA].
- P81. “ Monolayers of polyethilenimine on flat glass: a versatile platform for cations coordination and nanoparticles grafting in the preparation of antibacterial surfaces ”
 G. Dacarro, L. Cucca, P. Grisoli, P. Pallavicini, M. Patrini and A. Taglietti
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- P82. “ Antibacterial Activity of Glutathione-Coated Silver Nanoparticles against Gram Positive and Gram Negative Bacteria ”
 A. Taglietti, Y.A. Diaz Fernandez, E. Amato, L. Cucca, G. Dacarro, P. Grisoli, V. Necchi, P. Pallavicini, L. Pasotti, M. Patrini
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