Peer-reviewed journal articles

1)-Near-field optical microscopy

Labardi, M.; Gucciardi, P.G.; Allegrini, M.
La Rivista del nuovo cimento della Società italiana di fisica (Testo stamp.) 23 (2000): 1–35.
http://www.cnr.it/prodotto/i/216099

info:cnr-pdr/source/autori:Labardi, M.; Gucciardi, P.G.; Allegrini, M./titolo:Near-field optical microscopy/

2)-Bose-Einstein condensation in a stiff TOP trap with adjustable geometry

E Hodby; G Hechenblaikner; O M Marago'; J Arlt; S Hopkins; C J Foot
Journal of physics. B. Atomic and molecular physics 33 (2000): 4087–4094.
https://dx.doi.org/10.1088/0953-4075/33/19/319

3)-Observation of harmonic generation and nonlinear coupling in the collective dynamics of a Bose-Einstein condensate

G. Hechenblaikner; O.M. Marago'; E. Hodby; J. Arlt; S. Hopkins; C. J. Foot
Physical review letters (Print) 85 (2000): 692–695.
http://www.cnr.it/prodotto/i/216644

info:cnr-pdr/source/autori:G. Hechenblaikner, O.M. Marago', E. Hodby, J. Arlt, S. Hopkins, and C. J. Foot/titolo:Observation of harmonic generation and nonlinear coupling in the collective dynamics of a Bose-Einstein condensate/

4)-Observation of the scissors mode and evidence for superfluidity of a trapped Bose-Einstein condensed gas

O. M. Marago'; S. A. Hopkins; J. Arlt; E. Hodby; G. Hechenblaikner; C. J. Foot
Physical review letters (Print) 84 (2000): 2056–2059.
https://dx.doi.org/10.1103/PhysRevLett.84.2056

5)-Measurement of elastic cross section for cold cesium collisions

S. A. Hopkins; S. Webster; J. Arlt; P. Bance; S. Cornish; O. Marago'; C. J. Foot
Physical review. A 61 (2000): 032707.
http://www.cnr.it/prodotto/i/216662

info:cnr-pdr/source/autori:S. A. Hopkins, S. Webster, J. Arlt, P. Bance, S. Cornish, O. Marago', and C. J. Foot/titolo:Measurement of elastic cross section for cold cesium collisions/

6)-Optical constants of CNx thin films from reflection electron energy loss spectroscopy

Barreca, F; Mezzasalma, AM; Mondio, G; Neri, F; Trusso, S; Vasi, C
Thin solid films (Print) 377 (2000): 631–634.
https://dx.doi.org/10.1016/S0040-6090(00)01297-9

7)-Measurement of the dielectric constant of amorphous CNx films in the 0-45 eV energy range

Barreca, F; Mezzasalma, AM; Mondio, G; Neri, F; Trusso, S; Vasi, C

Physical review. B, Condensed matter and materials physics 62 (2000): 16893–16899.

https://dx.doi.org/10.1103/PhysRevB.62.16893

8)-Low energy vibrational excitations in silver borate glasses

A Bartolotta; G Carini; G D'Angelo; G Salvato; G TripodosubjectVITREOUS SILICA; FREQUENCY

AIP conference proceedings 513 (2000): 27–30.

http://www.cnr.it/prodotto/i/248812

info:cnr-pdr/source/autori:A Bartolotta, G Carini, G D'Angelo, G Salvato, G Tripodo/titolo:Low energy vibrational excitations in silver borate glasses/

9)-Anharmonicity and Fragility in semi-interpenetrating polymer networks

G. Carini; G. D'Angelo; G. Tripodo; A. Bartolotta; G. Di Marco; V. P. Privalkosubject64.70.P- Glass transitions of specific systems 62.40.+i Anelasticitysubjectinternal frictionsubjectstress relaxationsubjectand mechanical resonances 61.41.+e Polymerssubjectelastomerssubjectand plastics 62.20.-x Mechanical properties of solids

Journal of physics. Condensed matter (Print) 12 (2000).

https://dx.doi.org/10.1088/0953-8984/12/15/305

10)-Solid state electrochromic device: behaviour of different salts on its performance

G. Di Marco; M. Lanza; A. Pennisi; F. SimonesubjectPolymer electrolyte; Smart window; Electrochromic device

Solid state ionics (Print) 127 (2000): 23–9.

https://dx.doi.org/10.1016/S0167-2738(99)00265-9

11)-Optical solid-state oxygen sensors using metalloporphyrin complexes immobilized in suitable polymeric matrices

G. Di Marco; M. LanzasubjectLuminescent oxygen sensor; Phosphorescence quenching; Polymeric matrix; Optrodes

Sensors and actuators. B, Chemical (Print) 63 (2000): 42–48.

https://dx.doi.org/10.1016/S0925-4005(00)00299-9

12)-Scaling properties in the structure of new complex materials (porphyrins and dendritic polymer systems)

F. Mallamace; P. Gambadauro; P. Lesieur; D. Lombardo; N. Micali; A. Romeo; L. Monsù Scolaro

Journal of applied crystallography 33 (2000): 632–636.

http://www.cnr.it/prodotto/i/270700

info:cnr-pdr/source/autori:F. Mallamace, P. Gambadauro, P. Lesieur, D. Lombardo, N. Micali, A. Romeo and L. Monsù Scolaro/titolo:Scaling properties in the structure of new complex materials (porphyrins and dendritic polymer systems)/

13)-Temperature-induced micelle to vesicle transition: kinetic effects in the DMPC/NaC system

Lesieur, P.; Kiselev, M.A.; Barsukov, L.I.; Lombardo, D
Journal of applied crystallography 33 (2000): 623–627.
http://www.cnr.it/prodotto/i/270910

info:cnr-pdr/source/autori:Lesieur, P. ; Kiselev, M.A. ; Barsukov, L.I.; Lombardo, D/titolo:Temperature-induced micelle to vesicle transition: kinetic effects in the DMPC/NaC system/

14)-Evidence of percolative phenomena in a lecithin-based gel

Aliotta; F; Vasi; C; Lechner; RE; Ruffle; Bsubjectpercolationsubjectquasi-elastic scatteringsubjectinelastic scatteringsubjectsurfactantssubjectLIVING POLYMERSsubjectMICELLES
Physica. B, Condensed matter (Print) 276 (2000): 347–348.
https://dx.doi.org/10.1016/S0921-4526(99)01552-5

15)-Interferometric determination of the refractive index of liquid sulphur dioxide

Musso; M; Aschauer; R; Asenbaum; A; Vasi; C; Wilhelm; Esubjectrefractive indexsubjectliquidssubjectsulphur dioxidesubjectTEMPERATUREsubjectDENSITYsubjectLASERsubjectDEPENDENCEsubject WAVELENGTHsubjectWATER
Measurement science & technology (Print) 11 (2000): 1714–1720.
https://dx.doi.org/10.1088/0957-0233/11/12/310

==========

Other publications (journals without peer review, book reviews,etc.)

1)-Scissors mode and superfluidity of a trapped Bose-Einstein condensed gas

Marago', OM; Hopkins, SA; Arlt, J; Hodby, E; Hechenblaikner, G; Foot, CJsubjectCOLLECTIVE EXCITATIONS; DEFORMED-NUCLEI; MAGNETIC TRAP; INTERFERENCE; ATOMS

27th Course of the International-School-of-Quantum-Electronics on Bose-Einstein Condensates and Atom Lasers, pp. 285–289, ERICE, ITALY, OCT 19-24, 1999

urn:isbn:0-306-46471-3

info:cnr-pdr/source/autori:Marago', OM; Hopkins, SA; Arlt, J; Hodby, E; Hechenblaikner, G; Foot, CJ/congresso_nome:27th Course of the International-School-of-Quantum-Electronics on Bose-Einstein Condensates and Atom Lasers/congresso_luogo:ERICE, ITALY/congresso_data:OCT 19-24, 1999/anno:2000/pagina_da:285/pagina_a:289/intervallo_pagine:285–289

2)-Correlation of structural and electrical transport properties in hydrogenated silicon films

Barreca, F; Fazio, E; Neri, F; Trusso, S; Vasi, C

6th Scientific Conference on nuclear and Condensed Matter Physics, Palermo, OCT 14-15, 1999

urn:isbn:1-56396-929-7

info:cnr-pdr/source/autori:Barreca, F; Fazio, E; Neri, F; Trusso, S; Vasi, C;/congresso_nome:6th Scientific Conference on nuclear and Condensed Matter Physics/congresso_luogo:Palermo/congresso_data:OCT 14-15, 1999/anno:2000/pagina_da:/pagina_a:/intervallo_pagine:

3)-Physical Characterization of endodontic instrument in NiTi Alloy

L. Torrisi; G. Di Marco

International Symposium on Shape Memory Materials (SMM'99), Kanazawa, Japan, 19-21 May 1999

http://www.cnr.it/prodotto/i/248930

info:cnr-pdr/source/autori:L. Torrisi, G. Di Marco/congresso_nome:International Symposium on Shape Memory Materials (SMM'99)/congresso_luogo:Kanazawa, Japan/congresso_data:19-21 May 1999/anno:2000/pagina_da:/pagina_a:/intervallo_pagine:

4)-Pulsed Laser Deposition (PLD) of Hydroxyapatite by KrF Excimer

S.Trusso; L. Torrisi; P. Parisi; G. Di Marco; C. Gentile

INFMeeting, Genova, Genova, 12-16 Giugno, 2000

http://www.cnr.it/prodotto/i/250703

info:cnr-pdr/source/autori:S.Trusso, L. Torrisi, P. Parisi, G. Di Marco, C. Gentile/congresso_nome:INFMeeting, Genova/congresso_luogo:Genova/congresso_data:12-16 Giugno, 2000/anno:2000/pagina_da:/pagina_a:/intervallo_pagine:

5)-Mechanical properties characterization of Sicilian lithoid materials by computer-aided speckle interferometry

Ponterio; R; Faraone; A; Lipari; E; Maisano; G; Villari; V

NUCLEAR AND CONDENSED MATTER PHYSICS, pp. 393–396, 2000

urn:isbn:1-56396-929-7

info:cnr-pdr/source/autori:Ponterio, R and Faraone, A and Lipari, E and Maisano, G and Villari, V/titolo:Mechanical properties characterization of Sicilian lithoid materials by computer-aided speckle interferometry/titolo_volume:NUCLEAR AND CONDENSED MATTER PHYSICS/curatori_volume:/editore:/anno:2000

6)-Propagation through a dispersion of model particles with non-random distribution of their orientations

Iatì M.A.; Denti P.; Borghese F.; Saija R; Aiello S.subjectLight scattering

9th GIFCO Conference on what are the Prospects for Cosmic Physics in Italy, pp. 153–156, Lecce, MAY 24-26, 2000

http://www.cnr.it/prodotto/i/269669

info:cnr-pdr/source/autori:Iatì M.A., Denti P., Borghese F., Saija R, Aiello S./congresso_nome:9th GIFCO Conference on what are the Prospects for Cosmic Physics in Italy/congresso_luogo:Lecce/congresso_data:MAY 24-26, 2000/anno:2000/pagina_da:153/pagina_a:156/intervallo_pagine:153–156