




Centro Italiano Ricerche Aerospaziali


CENTRO DOCUMENTAZIONE


Publicazioni Scientifiche


OPEN ACCESS ANNO 2023


a cura del Centro Documentazione


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	G. Diodati, A. Sorrentino, L. Pellone, A. Concilio, M. Ciminello, G. Apuleo, S. Shoham, I. Kressel, D. Bardenstein	<i>Numerical Analysis Results of Debonding Damage Effects for an SHM System Application on a Typical Composite Beam</i>	Aerospace 2023, 10, 507. Doi: https://doi.org/10.3390/aerospace10060507	2023	CIRA-DTS-24-0195	https://creativecommons.org/licenses/by/4.0/
OA	F. Petrosino, M. Barbarino	<i>Survey of Semi-Empirical Jet Noise Models for Preliminary Aircraft Engine Design</i>	Aerospace 2023, 10(7), 625; https://doi.org/10.3390/aerospace10070625	2023	CIRA-DTS-24-0552	https://creativecommons.org/licenses/by/4.0/
OA	M. Ciminello, N. D. Boffa, S. Ameduri, E. Monaco	<i>Combination of Cross-Correlation-Based Analysis and Ultrasonic GW Tomography for Barely Visible Impact Damage Detection Preliminary Assessment</i>	J. Compos. Sci. 2023, 7(8), 321; https://doi.org/10.3390/jcs7080321	2023	CIRA-DTS-24-0185	https://creativecommons.org/licenses/by/4.0/
OA	M. Ciminello, B. Sikorski, B. Galasso, L. Pellone, U. Mercurio, G. Apuleo, D. Cirio, L. Bosco, A. Cozzolino, I. Kressel, S. Shoham, M. Tur, A. Concilio	<i>Laboratory Results of a Real-Time SHM Integrated System on a P180 Full-Scale Wing-Box Section</i>	Sensors 2023, 23(15), 6735; DOI: https://doi.org/10.3390/s23156735	2023	CIRA-DTS-24-0187	https://creativecommons.org/licenses/by/4.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	M. Ciminello, A. Concilio, U. Mercurio, G. Apuleo	<i>SHM System For Bonding Line Monitoring Of Composite Wing Box Skin-Spar Cap During Manufacturing</i>	9th ECCOMAS Thematic Conference on the Mechanical Response of Composites (COMPOSITES 2023) URL https://www.scipedia.com/public/Ciminello_et_al_2023a DOI:10.23967/c.composite.2023.005	2023	CIRA-DTS-24-0188	https://creativecommons.org/licenses/by/4.0/
OA	G. Duca et al; V. Di Vito, R. Palumbo, L. Travascio	<i>Technological Setup for UAM Tactical Instrumental De-confliction and in-Flight Resolution demonstration in real environment : A case Study</i>	Transportation Research Procedia journal 72 (2023) 1581–1588 - DOI: https://doi.org/10.1016/j.trpro.2023.11.627	2023	CIRA-DTS-24-0060	https://creativecommons.org/licenses/by-nc-nd/4.0
OA	A. Chiariello, P. Vitale, M. Belardo, F. Di Caprio, M. Linari, C. Pezzella, J. Beretta, L. Di Palma	<i>Non-Linear Analysis in Post-Buckling Regime of a Tilt Rotor Composite Wing Structure Using Detailed Model and Robust Loading Approach</i>	Compos. Sci. 2024, 8, 4. DOI: https://doi.org/10.3390/jcs8010004	2023	CIRA-DTS-23-4699	https://creativecommons.org/licenses/by/4.0/
OA	N. Viola, R. Fusaro, G. Saccone, V. Borio	<i>Analytical Formulations for Nitrogen Oxides Emissions Estimation of an Air Turbo-Rocket Engine Using Hydrogen</i>	Aerospace 2023, 10, 909. MDPI, DOI: https://doi.org/10.3390/aerospace10110909	2023	CIRA-DTS-23-4637	https://creativecommons.org/licenses/by/4.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	E. Bucchignani	<i>Methodologies for Wind Field Reconstruction in the U-SPACE: A Review</i>	Atmosphere 2023, 14, 1684. https://doi.org/10.3390/atmos14111684	2023	CIRA-DTS-23-4284	https://creativecommons.org/licenses/by/4.0/
OA	S. Ameduri, M. Ciminello, A. Concilio, I. Dimino, B. Galasso, M. Guida, G. Bruno, M.F. Miceli	<i>Modelling of a SMA Blade Twist System Suited for Demonstration in Wind Tunnel and Whirl Tower Plants</i>	Appl. Sci. 2023, 13(21), 12039; https://doi.org/10.3390/app132112039	2023	CIRA-DTS-23-4189	https://creativecommons.org/licenses/by/4.0/
OA	S. Ameduri, A. Castrovinci, A.S. Perna, A. Viscusi, A. Concilio, L. Carrino	<i>Modeling of Strain Actuation on Relatively Soft Curved Beams by Piezoelectric Ceramics for De-Icing Systems</i>	Appl. Sci. 2023, 13(16), 9104; https://doi.org/10.3390/app13169104	2023	CIRA-DTS-23-2969	https://creativecommons.org/licenses/by/4.0/
OA	Amitrano, D.; Giacco, G.; Marrone, S.; Pascarella, A.E.; Rigioli, M.; Sansone, C.	<i>Forest Aboveground Biomass Estimation Using Machine Learning Ensembles: Active Learning Strategies for Model Transfer and Field Sampling Reduction</i>	Remote Sens. 2023, 15, 5138. DOI: https://doi.org/10.3390/rs15215138	2023	CIRA-DTS-23-3839	https://creativecommons.org/licenses/by/4.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	Fasulo, G.; Federico, L.; Sollazzo, A.; De Vivo, L.; Citarella, R.	<i>Hybrid Rocket Engine Noise: Measurements and Predictions of Acoustic Environments from Horizontal Static Fire</i>	Appl. Sci. 2023, 13, 9041. https://doi.org/10.3390/app13159041	2023	CIRA-DTS-23-3772	https://creativecommons.org/licenses/by/4.0/
OA	M. Minervino, R. Tognaccini	<i>On the spurious effects in Lamb-vector-based force decomposition methods</i>	Aerosp. Sci. Technol. 142 (2023) 108674; DOI https://doi.org/10.1016/j.ast.2023.108674	2023	CIRA-DTS-23-3488	https://creativecommons.org/licenses/by/4.0/
OA	Anna A. Kostek · Felix Löble · Robin Wickersheim · Manuel Keßler · Ronan Boisard · Gabriel Reboul · Antonio Visingardi · Mattia Barbarino · Anthony D. Gardner	<i>Experimental investigation of UAV rotor aeroacoustics and aerodynamics with computational cross-validation</i>	CEAS Aeronautical Journal Vol.:(0123456789)1 3 https://doi.org/10.1007/s13272-023-00680-z Springer ed.	2023	CIRA-DTS-23-3512	https://creativecommons.org/licenses/by/4.0/
OA	G. Ceglia, F. De Gregorio	<i>Droplets size characterization for cold water clouds by means of Generalised Scattering Imaging</i>	Journal of Physics: Conf. Series 2590 012003, doi: 10.1088/1742-6596/2590/1/012003 (IVELA XXX National Meeting). https://iopscience.iop.org/article/10.1088/1742-6596/2590/1/012003/pdf	2023	CIRA-DTS-23-3266	https://creativecommons.org/licenses/by/3.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	R.E. Nargi, P. Candeloro, F. De Gregorio, G. Ceglia, T. Pagliaroli	<i>Fluid-Dynamic and Aeroacoustic Characterization of Side-by-Side Rotor Interaction</i>	Aerospace 2023, 10, 851.Publisher MDPI doi: https://doi.org/10.3390/aerospace10100851	2023	CIRA-DTS-23-3322	https://creativecommons.org/licenses/by/4.0/
OA	G. Saccone, N. Favalaro, C. De Rosa, R. Di Girolamo, G. Di Stefano, F. Cipriani	<i>Design of Innovative High-Performance Polymer for Passive Lunar Dust Mitigation</i>	2023 IOP Conf. Ser.: Mater. Sci. Eng. 1287 012015; DOI 10.1088/1757-899X/1287/1/012015. https://iopscience.iop.org/article/10.1088/1757-899X/1287/1/012015/pdf	2023	CIRA-DTS-23-3389	https://creativecommons.org/licenses/by/3.0
OA	E. Cozzolino, S.Franchitti, R. Borrelli, A. Astarita	<i>Comparison of specific cutting energy in dry and wet post- process turning of Ti6Al4V EBM parts</i>	Materials Research Proceedings, Vol. 35, pp 95-102, 2023. XVI AiTeM (Italian Manufacturing Association) ConferenceDOI: https://doi.org/10.21741/9781644902714-12	2023	CIRA-DTS-23-3159	https://creativecommons.org/licenses/by/3.0
OA	C. Bellini, , R. Borrelli, F. Di Caprio, V. Di Cocco, S. Franchitti, F. Iacoviello , C. Pirozzi, L. Sorrentino	<i>Geometrical Accuracy Analysis of Ti-6Al-4V Trusses Manufactured by Electron Beam Melting Process</i>	Metals 2023, 13(8), 1454; MDPI. DOI: https://doi.org/10.3390/met13081454	2023	CIRA-DTS-23-2956	https://creativecommons.org/licenses/by/4.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	M. Minervino, R. Tognaccini	<i>A unified thermodynamic/Lamb-vector-based analysis of the aerodynamic force</i>	Physics of Fluids 35, 097135 (2023) ; doi: 10.1063/5.0164384 link https://doi.org/10.1063/5.0164384	2023	CIRA-DTS-23-3166 rev1	https://creativecommons.org/licenses/by/4.0/
OA	A. Brindisi, C. Vendittozzi, C. Bellini, V. Di Cocco, L. Travascio, L. Di Palma, M. Belardo, A. Concilio	<i>Fiber Bragg Grating Bonding Characterization under Long-Period Cyclic Loading</i>	Photonics 2023, 10(8), 906; https://doi.org/10.3390/photonics10080906	2023	CIRA-DTS-23-2943	https://creativecommons.org/licenses/by/4.0/
OA	I. Manco, C. De Lucia, F. Repola, G. Fedele and P. Mercogliano	<i>A Comparative Performance Study of WRF, COSMO and ICON Atmospheric Models for the Italian Peninsula at Very High Resolution</i>	Tethys 2023, 20, 1–20 www.tethys.cat DOI:10.3369/tethys.2023.20.01 Journal edited by ACAM	2023	CIRA-DTS-23-3051	https://creativecommons.org/licenses/by/3.0
OA	S. Ameduri, I. Dimino, L. Pellone, A. Concilio, U. Mercurio et all.	<i>Kinematic Chain of a Morphing Winglet: Specifications, Conceptual and Advanced Design</i>	Actuators 2023, 12, 194. https://doi.org/10.3390/act12050194	2023	CIRA-DTS-23-1635	https://creativecommons.org/licenses/by/4.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	D.Cardillo, F. Battista, G. Gallo, Ss.Mungiguerra, R. Savino	<i>Experimental Firing Test Campaign and Nozzle Heat Transfer Reconstruction in a 200 N Hybrid Rocket Engine with Different Paraffin-Based Fuel Grain Lengths</i>	Aerospace 2023, 10, 546. Publ. MDPI doi: https://doi.org/10.3390/aerospace10060546	2023	CIRA-DTS-23-2693	https://creativecommons.org/licenses/by/4.0/
OA	G. Buzzo, L. Travascio , A. Vozella, M. Baldizzone, M. Gily, C. Casagrande, V. Martina, E. Quarona	<i>Disruptive Technologies Certification Standard Approach</i>	Aerospace 2023, 10, 637. Publ MDPI doi: https://doi.org/10.3390/aerospace10070637	2023	CIRA-DTS-23-2756	https://creativecommons.org/licenses/by/4.0/
OA	J. Sierra-Ausin, F.Giannetti, D. Fabre, F. Fruncillo	<i>Identifying The Active Flow Regions In Acoustic-Hydrodynamic Feedback Mechanisms</i>	Forum Acusticum 2023, 10th Convention of the European Acoustics Association Turin, Italy 11th – 15th September 2023, Politecnico di Torino. HAL Id: hal-04148279 . https://hal.science/hal-04148279	2023	CIRA-DTS-23-2623	https://creativecommons.org/licenses/by/3.0
OA	D. Ricci, F. Battista, M. Fragiaco, A.D. French	<i>Thermal Behaviour of the Cooling Jacket Belonging to a Liquid Oxygen/Liquid Methane Rocket Engine Demonstrator in the Operation Box</i>	Aerospace 2023, 10, 607; doi: https://doi.org/10.3390/aerospace10070607	2023	CIRA-DTS-23-2437	https://creativecommons.org/licenses/by/4.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	V Di Vito, B Dziugiel, P A Meincke, M Mujica Mota, M Bagamanova, G Duca, R Russo, R V Montaquila, G Cerasuolo, M Maczka, A Mazur, F Naser, A el Makhloufi, S Proietti	<i>Integrating ATM and air transport into multimodal transport system for Door-to-Door travel: the X-TEAM D2D project proposed approach</i>	J. Phys.: Conf. Ser. 2526 012097 DOI 10.1088/1742-6596/2526/1/012097 IOP Publishing (12th EASN 2022)	2023	CIRA-DTS-23-2460	https://creativecommons.org/licenses/by/3.0
OA	V Di Vito, B Dziugiel, S Melo, J ten Thije, G Duca, A Liberacki, H Hesselink, M Giannuzzi, A Menichino, A Witkowska-Koniecz	<i>Operational Concepts for Urban Air Mobility deployment in the next decades</i>	J. Phys.: Conf. Ser. 2526 012098 DOI 10.1088/1742-6596/2526/1/012098 IOP Publishing (12th EASN 2022)	2023	CIRA-DTS-23-2459	https://creativecommons.org/licenses/by/3.0
OA	V Di Vito, G Torrano, G Cerasuolo, M Ferrucci	<i>Evolution of the Tactical Separation System to support the Integrated Mission Management System in the COAST project</i>	J. Phys.: Conf. Ser. 2526 012079 DOI 10.1088/1742-6596/2526/1/012079 IOP Publishing (12th EASN 2022)	2023	CIRA-DTS-23-2440	https://creativecommons.org/licenses/by/3.0
OA	A.L. Zollo, M. Montesarchio, M. Ferrucci, E. Bucchignani, D. Cinquegrana	<i>Enhancement of the Advanced Weather Awareness System for the development of an Integrated Mission Management System in the COAST project</i>	J. Phys.: Conf. Ser. 2526 012078 DOI 10.1088/1742-6596/2526/1/012078 IOP Publishing (12th EASN 2022)	2023	CIRA-DTS-23-2387	https://creativecommons.org/licenses/by/3.0


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	A.L. Zollo, E. Bucchignani	<i>A Tool for Remote Detection and Nowcasting of In-Flight Icing Using Satellite Data</i>	SAE International SAE Technical Paper 2023-01-1489, 2023, doi:10.4271/2023-01-1489.	2023	CIRA-DTS-23-2345	https://creativecommons.org/licenses/by/4.0/
OA	V. Di Vito, G. Duca, R. Russo	<i>Sustainability in Air Transport and Multimodality</i>	Sustainability in Air Transport and Multimodality (2023). Book published by MDPI. Doi: https://doi.org/10.3390/books978-3-0365-7103-4	2023	CIRA-DTS-23-2229	https://creativecommons.org/licenses/by-nc-nd/4.0/
OA	E. Adirosi, F. Porcù, M. Montopoli, E. Bucchignani, A.L. Zollo et all.	<i>Database of the Italian disdrometer network</i>	Earth Syst. Sci. Data, 15, 2417–2429, 2023 https://doi.org/10.5194/essd-15-2417-2023	2023	CIRA-DTS-23-2123	https://creativecommons.org/licenses/by/4.0/
OA	A. Concilio, M. Ciminello, B. Galasso, L. Pellone, U. Mercurio, G. Apuleo, A. Cozzolino, I. Kressel, S. Shoham, D. Bardenstein	<i>De Bonding Numerical Characterization and Detection in Aeronautic Multi-Element Spars</i>	Sensors 2022, 22(11), 4152; https://doi.org/10.3390/s22114152	2023	CIRA-DTS-23-1953	https://creativecommons.org/licenses/by/4.0/


Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	A. D. Marano, G. Diodati, N. Paletta, L. Di Palma, M. Belardo, Pierre Abdel Nour	<i>Structural Scalability Preliminary Studies for the Next Generation Civil Tiltrotor composite wing</i>	Aerospace 2023, 10, 478. Doi: https://doi.org/10.3390/aerospace10050478	2023	CIRA-DTS-23-1763	https://creativecommons.org/licenses/by/4.0/
OA	G. Lamanna, A. De Luca, F. Marzocchella, F. Di Caprio, M. Belardo, L. Di Palma, F. Caputo	<i>Tendency analysis of a tilt rotor wing leading edge under bird strike events</i>	Forces in Mechanics 10 (2023) 100173. Doi: https://doi.org/10.1016/j.finmec.2023.100173	2023	CIRA-DTS-23-1762	https://creativecommons.org/licenses/by-nc-nd/4.0/
OA	A. Acquesta, T. Monetta, S. Franchitti, R. Borrelli, A. Viscusi, A.S. Perna, F. Penta, L. Esposito, L. Carrino	<i>Green electrochemical polishing of EBM Ti6Al4V samples with preliminary fatigue results</i>	Int J Adv Manuf Technol 126, 4269–4282 (2023). https://doi.org/10.1007/s00170-023-11400-6 .	2023	CIRA-DTS-23-1361	https://creativecommons.org/licenses/by/4.0/
OA	F. Piscitelli, R. De Palo, A. Volpe	<i>Enhancing Coating Adhesion on Fibre-Reinforced Composite by Femtosecond Laser Texturing</i>	Coatings 2023, 13(5), 928; https://doi.org/10.3390/coatings13050928	2023	CIRA-DTS-23-1743	https://creativecommons.org/licenses/by/4.0/

Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	F. Piscitelli, S. Palazzo, F. De Nicola	<i>Icing Wind Tunnel Test Campaign on a Nacelle Lip-Skin to Assess the Effect of a Superhydrophobic Coating on Ice Accretion</i>	Appl. Sci. 2023, 13(8), 5183; https://doi.org/10.3390/app13085183	2023	CIRA-DTS-23-1581	https://creativecommons.org/licenses/by/4.0/
OA	G. Coppola, M. Panelli, F. Battista	<i>Preliminary design of Helicon Plasma Thruster by means of Particle Swarm Optimization</i>	AIP Advances 13, 055209 (2023) https://doi.org/10.1063/5.0149430	2023	CIRA-DTS-23-1598	https://creativecommons.org/licenses/by/4.0/
OA	F. Alifano, M. Panelli, F. Battista	<i>Preliminary Design Tool for Medium-Low-Power Gridded Ion Thrusters</i>	Appl. Sci. 2023, 13, 5600. Doi: https://doi.org/10.3390/app13095600	2023	CIRA-DTS-23-1509	https://creativecommons.org/licenses/by/4.0/
OA	M. Pizzarelli, F. Battista	<i>Oxygen-methane rocket thrust chambers: Review of heat transfer experimental studies</i>	Acta Astronautica, Volume 209, August 2023, Pages 48-66. Doi: https://doi.org/10.1016/j.actaastro.2023.04.028	2023	CIRA-DTS-23-1505	https://creativecommons.org/licenses/by-nc-nd/4.0/

Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	D. Cinquegrana, A.L. Zollo, M. Montesarchio, E. Bucchignani	<i>A Metamodel-Based Optimization of Physical Parameters of High Resolution NWP ICON-LAM over Southern Italy</i>	Atmosphere 2023, 14,788. Doi: https://doi.org/10.3390/atmos14050788	2023	CIRA-DTS-23-1467	https://creativecommons.org/licenses/by/4.0/
OA	D. Amitrano, L. Cicala, M. De Mizio, F. Tufano	<i>UAV Hyperspectral Characterization of Vegetation Using Entropy-Based Active Sampling for Partial Least Square Regression Models</i>	Appl. Sci. 2023, 13, 4812. https://doi.org/10.3390/app13084812	2023	CIRA-DTS-23-1284	https://creativecommons.org/licenses/by/4.0/
OA	Pascarella, D., Gigante, G., Vozella, A., Sodano, M., Ippolito, M., Bieber, P., Dubot, T., & Martinavaro, E.	<i>Evaluation of a Resilience-Driven Operational Concept to Manage Drone Intrusions in Airports</i>	Information 2023, 14, 239; (This article belongs to the Special Issue Systems Safety and Security—Challenges and Trends) https://doi.org/10.3390/info14040239	2023	CIRA-DTS-23-1334	https://creativecommons.org/licenses/by/4.0/
OA	I. Dimino, C. Vendittozzi, W. Reis Silva, S. Ameduri, A. Concilio	<i>A Morphing Deployable Mechanism for Re-Entry Capsule Aeroshell</i>	Appl. Sci. 2023, 13(5), 2783; Special Issue Morphing Enabling Technologies for Aerospace Systems https://doi.org/10.3390/app13052783	2023	CIRA-DTS-23-1255	https://creativecommons.org/licenses/by/4.0/

Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	F. Nebula, R. Palumbo, G. Gigante, A. Vozella	<i>Digital Assistant for Arrival Scheduling with Conflict Prevention Capabilities</i>	Information 2023, 14, 216. DOI: https://doi.org/10.3390/info14040216	2023	CIRA-DTS-23-1176	https://creativecommons.org/licenses/by/4.0/
OA	C. Bellini, R. Borrelli, F. Di Caprio, V. Di Cocco, S. Franchitti, F. Iacoviello, L. Sorrentino	<i>An Innovative Method to Analyse the Geometrical Accuracy of Ti6Al4V Octet-Truss Lattice Structures</i>	Materials 2023, 16, 2372. https://doi.org/10.3390/ma16062372	2023	CIRA-DTS-23-0977	https://creativecommons.org/licenses/by/4.0/
OA	F. Loffredo, E. Vardaci, D. Bianco, A. Di Nitto, M. Quarto	<i>Radioprotection for Astronauts' Missions: Numerical Results on the Nomex Shielding Effectiveness</i>	Life 2023, 13, 790. DOI: https://doi.org/10.3390/life13030790	2023	CIRA-DTS-23-1101	https://creativecommons.org/licenses/by/4.0/
OA	E. Cozzolino, S. Franchitti, R. Borrelli, C. Pirozzi, A. Astarita	<i>Energy consumption assessment in manufacturing Ti6Al4V electron beam melted parts post processed by machining</i>	The International Journal of Advanced Manufacturing Technology, 125, pages1289–1303 (2023) DOI: https://doi.org/10.1007/s00170-022-10794-z	2023	CIRA-DTS-23-0147	https://creativecommons.org/licenses/by/4.0/

Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	E. Bucchignani	<i>Early Career Scientists' (ECS) Contributions to Meteorology</i>	Meteorology 2023, 2, 146–148. DOI: https://doi.org/10.3390/meteorology2010010	2023	CIRA-DTS-23-0976	https://creativecommons.org/licenses/by/4.0/
OA	M. Ferraiuolo, V. Giannella, E. Armentani, R. Citarella	<i>Numerical Investigation on the Service Life of a Liquid Rocket Engine Thrust Chamber</i>	Metals 2023, 13, 470. https://doi.org/10.3390/met13030470	2023	CIRA-DTS-23-0743	https://creativecommons.org/licenses/by/4.0/
OA	M. Mobilia, A. Longobardi, D. Amitrano, G. Ruello	<i>Land use and damaging hydrological events temporal changes in the Sarno River basin: potential for green technologies mitigation by remote sensing analysis</i>	Hydrology Research (2023) 54 (3): 277–302. DOI https://doi.org/10.2166/nh.2023.036	2023	CIRA-DTS-23-0646	https://creativecommons.org/licenses/by/4.0/
OA	V. Di Vito, RV. Montaquila, G. Cerasuolo, B. Dziugiel, M. Maczka, A. Mazur, P.A. Meincke, F. Naser, M. Mujica Mota, M. Bagamanova, AE.Makhloufi, G. Duca, R. Russo, L. Brucculeri, S. Proietti	<i>X-TEAM D2D Project: Designing and Validating a Concept of Operations for Door-To-Door Multimodal Transport</i>	Sustainability 2023, 15(3), 2380; https://doi.org/10.3390/su15032380	2023	CIRA-DTS-23-0461	https://creativecommons.org/licenses/by/4.0/

Link Open Access article	Autori Pubblicazione	Titolo Pubblicazione	Congresso - Libro - Rivista - Altro	Anno	Rif. Documentale	 Annotazioni
OA	M. Ciminello, B. Sikorski, B. Galasso, L. Pellone, U. Mercurio, A. Concilio, G. Apuleo, A. Cozzolino, I. Kressel, S. Shoham, et al.	<i>Preliminary Results of a Structural Health Monitoring System Application for Real-Time Debonding Detection on a Full-Scale Composite</i>	Spar. Sensors 2023, 23, 455. DOI: https://doi.org/10.3390/s23010455	2023	CIRA-DTS-23-0351	https://creativecommons.org/licenses/by/4.0/
OA	D. Amitrano, G. Di Martino, A. Iodice, D. Riccio, G. Ruello	<i>Urban Area Mapping Using Multitemporal SAR Images in Combination with Self-Organizing Map Clustering and Object-Based Image Analysis</i>	Remote Sens. 2023, 15(1), 122; https://doi.org/10.3390/rs15010122	2023	CIRA-DTS-23-0001	https://creativecommons.org/licenses/by/4.0/
OA	O. Russo, A. Arovitola, D. de Rosa, G. Pezzella, A. Viviani	<i>Computational Fluid Dynamics Analyses of a Wing with Distributed Electric Propulsion</i>	Special Issue Fluid Flow Mechanics (Volume II) Aerospace 2023, 10(1), 64; https://doi.org/10.3390/aerospace10010064	2023	CIRA-DTS-23-0078	https://creativecommons.org/licenses/by/4.0/