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OA	C. Bellini, R. Borrelli , V. Di Cocco, S. Franchitti , F. Iacoviello, L. Sorrentino	<i>Potentiality of hybrid structures in CFRP and additive manufactured metal octet-truss lattice</i>	ScienceDirect 1st Virtual European Conference on Fracture Procedia Structural Integrity 28 (2020) 667–674; https://doi.org/10.1016/j.prostr.2020.10.077	2020	CIRA-DTS-21-3248	https://creativecommons.org/licenses/by-nd/4.0/legalcode
OA	V. Giannella, F. Branda, J. Passaro, G. Petrone, M. Barbarino , R. Citarella	<i>Acoustic Improvements of Aircraft Headrests Based on Electrospun Mats Evaluated Through Boundary Element Method</i>	Appl. Sci. 2020, 10(16), 5712; https://doi.org/10.3390/app10165712	2020	CIRA-DTS-21-2073	http://creativecommons.org/licenses/by/4.0/
OA	V. Giannella, R. Lombardi, M. M. Pisani, L. Federico , M. Barbarino , R. Citarella	<i>A Novel Optimization Framework to Replicate the Vibro-Acoustics Response of an Aircraft Fuselage</i>	Appl. Sci. 2020, 10(7), 2473; https://doi.org/10.3390/app10072473	2020	CIRA-DTS-21-2076	http://creativecommons.org/licenses/by/4.0/
OA	A. Rosato, F. Guarino, V. Filomena , S. Sibilio, L. Maffei	<i>Experimental Calibration and Validation of a Simulation Model for Fault Detection of HVAC System and Application to a Case Study.</i>	Energies 2020, 13(15), 3948; https://doi.org/10.3390/en13153948	2020	CIRA-DTS-21-0792	http://creativecommons.org/licenses/by/4.0/
OA	A. Concilio , I. Dimino , R. Pecora	<i>SARISTU: Adaptive Trailing Edge Device (ATED) design process review</i>	Chinese Journal of Aeronautics Volume 34, Issue 7, July 2021, Pages 187-210; https://doi.org/10.1016/j.cja.2020.08.036	2020	CIRA-DTS-21-0317	https://creativecommons.org/licenses/by-nc-nd/4.0/
OA	A. Riccio, A. Russo, A. Sellitto, C. Toscano , D. Alfano , M. Zarrelli	<i>Experimental and Numerical Assessment of Fibre Bridging Toughening Effects on the Compressive Behaviour of Delaminated Composite Plates</i>	"Polymers 2020", 12(3), 554; DOI: https://doi.org/10.3390/polym12030554	2020	CIRA-DTS-20-0461	http://creativecommons.org/licenses/by/4.0/

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OA	A.L. Zollo, M. Montesarchio et al.	<i>FRIPON: a worldwide network to track incoming meteoroids</i>	Astronomy & Astrophysics , A&A 644, A53 (2020) https://doi.org/10.1051/0004-6361/202038649	2020	CIRA-DTS-21-0117	https://creativecommons.org/licenses/by/4.0
OA	A. Martucci, G. Cerasuolo, O. Petrella, M. Laracca	<i>On the Calibration of GNSS-Based Vehicle Speed Meters</i>	Sensors 2020, 20(3), 591; https://doi.org/10.3390/s20030591	2020	CIRA-DTS-20-3596	https://creativecommons.org/licenses/by/4.0
OA	V. di Vito, G. Torrano	<i>RPAS Automatic ADS-B Based Separation Assurance and Collision Avoidance System Real-Time Simulation Results</i>	Drones 2020, 4(4), 73; https://doi.org/10.3390/drones4040073	2020	CIRA-DTS-20-3597	https://creativecommons.org/licenses/by/4.0
OA	A. Hochman, P. Alpert, M. Baldi, E. Bucchignani, E. Coppola, Y. Dahdal, N. Davidovitch, P. Georgiades, S. Helgert, H.Khreis, H. Levine, S. Materia, M. Negev, I. Salah, M. Shaheen, F. Giorgi	<i>Interdisciplinary Regional Collaboration for Public Health Adaptation to Climate Change in the Eastern Mediterranean</i>	American Meteorological Society BAMS, https://doi.org/10.1175/BAMS-D-20-0065.1 - October 2020	2020	CIRA-DTS-20-3418	https://creativecommons.org/licenses/by/4.0
OA	F. Di Caprio, A. Sellitto, S. Saputo, M. Guida, A. Riccio	<i>A Sensitivity Analysis of the Damage Behavior of a Leading-Edge Subject to Bird Strike</i>	Applied Sciences 2020, 10, 8187; https://doi.org/10.3390/app10228187 (This special issue belongs to the section "Aerospace Science and Engineering").	2020	CIRA-DTS-20-3150	https://creativecommons.org/licenses/by/4.0
OA	E. Bucchignani, P. Mercogliano	<i>High-resolution simulations with COSMO model including TERRA_URB parameterization for the representation of Urban Heat Islands over South Italy</i>	Advances in Science and Research 17, 19–22, 2020. https://doi.org/10.5194/asr-17-19-2020	2020	CIRA-DTS-20-3101	https://creativecommons.org/licenses/by/4.0

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OA	C. Steger, E. Bucchignani	<i>Regional Climate Modelling with COSMO-CLM: History and Perspectives</i>	Atmosphere 2020, 11, 1250; https://doi.org/10.3390/atmos11111250	2020	CIRA-DTS-20-3112	https://creativecommons.org/licenses/by/4.0
OA	E. Bucchignani, A. Voudouri, P. Mercogliano	<i>A Sensitivity Analysis with COSMO-LM at 1 km Resolution over South Italy</i>	Atmosphere 2020, 11, 430; https://doi.org/10.3390/atmos11040430	2020	CIRA-DTS-20-3012	https://creativecommons.org/licenses/by/4.0
OA	M. Poderico, G. Morani	<i>Validation of Tools for 3 Dof Orbital Dynamics Simulation</i>	American Journal of Engineering and Applied Sciences 2020, 13 (4): 649.657. https://doi.org/10.3844/ajeassp.2020.649.657	2020	CIRA-DTS-20-2712	https://creativecommons.org/licenses/by/4.0
OA	M. Ferraiuolo, M. Leo, R. Citarella	<i>On the Adoption of Global/Local Approaches for the Thermomechanical Analysis and Design of Liquid Rocket Engines</i>	Applied Sciences 2020, 10, 7664; DOI: https://doi.org/10.3390/app10217664	2020	CIRA-DTS-20-2809	https://creativecommons.org/licenses/by/4.0
OA	D. Darsena, G. Gelli, I. Iudice, F. Verde	<i>Separable MSE-based design of two-way multiple-relay cooperative MIMO 5G networks</i>	Sensors 2020, 20, 6284; https://doi.org/10.3390/s20216284	2020	CIRA-DTS-20-2837	https://creativecommons.org/licenses/by/4.0
OA	M. Poderico, G. Morani	<i>Validation of Tools for 6 Dof Orbital Dynamics Simulation -</i>	American Journal of Engineering and Applied Sciences, 13(4), 602-609. https://doi.org/10.3844/ajeassp.2020.602.609	2020	CIRA-DTS-20-2713	https://creativecommons.org/licenses/by/4.0/

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OA	A. Pellegrini, P. Di Sanzo, B. Bevilacqua, G. Duca, D. Pascarella, R. Palumbo , J.J. Ramos, M.A. Piera, G. Gigante	<i>Simulation-based Evolutionary Optimization of Air Traffic Management</i>	IEEE Access, vol. 8, pp. 161551-161570, 2020; doi: 10.1109/ACCESS.2020.3021192. https://ieeexplore.ieee.org/document/9184863	2020	CIRA-DTS-20-2201	https://creativecommons.org/licenses/by/4.0/
OA	A. Sellitto, F. Di Caprio, M. Guida , S. Saputo, A. Riccio	<i>Dynamic Pulse Buckling of Composite Stanchions in the Sub-Cargo Floor Area of a Civil Regional Aircraft</i>	Materials 2020, 13(16), 3594; https://doi.org/10.3390/ma13163594	2020	CIRA-DTS-20-2454	https://creativecommons.org/licenses/by/4.0/
OA	F. De Gregorio, A. Visingardi , M. Coletta, G. Iuso	<i>An assessment of vortex detection criteria for 2C-2D PIV data</i>	2020 J. Phys.: Conf. Ser. 1589 012001. IOP Publishing; (AIVELA XXVII Annual National Meeting) doi:10.1088/1742-6596/1589/1/012001	2020	CIRA-DTS-20-2271	https://creativecommons.org/licenses/by/3.0/
OA	A. Vigliotti , S. S. Shishvan, R. M. McMeeking, V. S. Deshpande	<i>Response of cells on a dense array of micro-posts</i>	Meccanica 56, 1635–1651 (2021). https://doi.org/10.1007/s11012-020-01208-z	2020	CIRA-DTS-20-1926	https://creativecommons.org/licenses/by/4.0/
OA	A. Chiariello, S. Orlando, P. Vitale , M. Linari, R. Longobardi, L. Di Palma	<i>Development of a Morphing Landing Gear Composite Door for High Speed Compound Rotorcraft</i>	Aerospace 2020, 7(7), 88; https://doi.org/10.3390/aerospace7070088	2020	CIRA-DTS-20-1638	https://creativecommons.org/licenses/by/4.0/
OA	C. Pirozzi, S. Franchitti, R. Borrelli, A. Chiariello, L. Di Palma	<i>The effect of post processing on the mechanical behavior of Ti6Al4V manufactured by electron beam powder bed fusion for General Aviation primary structural applications</i>	Aerospace 2020, 7(6), 75 https://doi.org/10.3390/aerospace7060075	2020	CIRA-DTS-20-1396	https://creativecommons.org/licenses/by/4.0/

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OA	M. Cicala, E. D'Amato, I. Notaro, M. Mattei	<i>Scalable Distributed State Estimation in UTM Context</i>	Sensors 2020, 20(9), 2682 https://doi.org/10.3390/s20092682	2020	CIRA-DTS-20-1163	https://creativecommons.org/licenses/by/4.0/
OA	M. Ferraiuolo, C. Palumbo, A. Sellitto, A. Riccio	<i>Investigating the Thermo-Mechanical Behavior of a Ceramic Matrix Composite Wing Leading Edge by Sub-Modeling Based Numerical Analyses</i>	Computation 2020, 8(2), 22 https://doi.org/10.3390/computation8020022	2020	CIRA-DTS-20-0691	https://creativecommons.org/licenses/by/4.0/
OA	A. Riccio, S. Saputo, A. Sellitto, F. Di Caprio	<i>A Numerical Assessment on the Influences of Material Toughness on the Crashworthiness of a Composite Fuselage Barrel</i>	Applied Sciences 2020, 10(6), 2019 https://doi.org/10.3390/app10062019	2020	CIRA-DTS-20-0916	https://creativecommons.org/licenses/by/4.0/
OA	M. Ciminello, N.D. Boffa, A. Concilio, B. Galasso, F. Romano, E. Monaco	<i>Damage Detection of CFRP Stiffened Panels by Using Cross-Correlated Spatially Shifted Distributed Strain Sensors</i>	Applied Sciences 2020, 10(8), 2662 https://doi.org/10.3390/app10082662	2020	CIRA-DTS-20-0872	https://creativecommons.org/licenses/by/4.0/
OA	F. Piscitelli, A. Chiariello, D. Dabkowski, G. Corrado, F. Marra, L. Di Palma	<i>Superhydrophobic Coatings as Anti-Icing Systems for Small Aircraft</i>	Aerospace 2020, 7(1), 2; https://doi.org/10.3390/aerospace7010002	2020	CIRA-DTS-20-0060	https://creativecommons.org/licenses/by/4.0/
OA	G. Persechino, V. Baraniello, S. Parrilli, F. Tufano, G. Rianna	<i>HAPS role of in Earth Observation Multi-platform Paradigm for Environmental Monitoring</i>	EGU General Assembly 2020 EGU2020-21962. Ed Copernicus https://doi.org/10.5194/egusphere-egu2020-21962	2020	CIRA-DTS-22-2961	https://creativecommons.org/licenses/by/4.0/

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