

ELENCO PUBBLICAZIONI PER TIPO

RIVISTE INTERNAZIONALI ISI WoS/SCOPUS

- IR1. Valluzzi M.R., Bondi A., **da Porto F.**, Franchetti P., Modena C. (2002). "Structural investigations and analyses for the conservation of the "Arsenale" of Venice", *Journal of Cultural Heritage*, Ed. Elsevier, January-March 2002, Vol. 3, n. 1, pp. 65-71, ISSN: 1296-2074; doi: 10.1016/S1296-2074(02)01161-5
- IR2. Valluzzi M.R., **da Porto F.**, Modena C. (2004). "Behavior and modeling of strengthened three-leaf stone masonry walls" *Materials and Structures - Matériaux et Constructions*, RILEM Publications; Vol. 37, n. 267, April 2004, pp 184-192, <https://doi.org/10.1007/BF02481618>, ISSN: 1359-5997
- IR3. Gasparini D. A., Bruckner J., **da Porto F.** (2006) "Time-dependent Behavior of Prestressed Wood Howe Bridges", *ASCE Journal of Structural Engineering*; 132(3):418-429, ISSN: 0970-0137; doi:10.1061/(ASCE)0733-9445(2006)132:3(418)
- IR4. **da Porto F.**, Grendene M., Modena C. (2009). "Estimation of load reduction factors for clay masonry walls", *Earthquake Engineering and Structural Dynamics*, John Wiley & Sons Ltd, 38(10):1155-1174, ISSN: 0098-8847; doi:10.1002/eqe.887
- IR5. Pellegrino C., **da Porto F.**, Modena C. (2009). "Rehabilitation of reinforced concrete axially loaded elements with polymer-modified cementitious mortar", *Construction and Building Materials*, Elsevier, 23(10):3129-3137; ISSN: 0950-0618; doi:10.1016/j.conbuildmat.2009.06.025
- IR6. López-Almansa F., Sarrablo V., Lourenço P.B., Barros J.A.O., Roca P., **da Porto F.**, Modena C. (2010) "Reinforced Brick-Masonry Light Vaults. Semi-Prefabrication, Construction, Testing and Numerical Modelling", *Construction and Building Materials*, Elsevier, 24(10):1799-1814, doi:10.1016/j.conbuildmat.2010.04.025
- IR7. **da Porto F.**, Guidi G., Garbin E., Modena C. (2010). "In-plane behavior of clay masonry walls: experimental testing and finite element modeling", *ASCE Journal of Structural Engineering*, ISSN: 0970-0137; 136(11):1379-1392; doi:10.1061/(ASCE)ST.1943-541X.0000236
- IR8. **da Porto F.**, Mosele F., Modena C. (2010). "Experimental Testing of Tall Reinforced Masonry Walls Under Out-Of-Plane Actions", *Construction and Building Materials*, Elsevier, 24(12):2559–2571, doi:10.1016/j.conbuildmat.2010.05.020
- IR9. **da Porto F.**, Mosele F., Modena C. (2011). "Cyclic Out-Of-Plane Behaviour Of Tall Reinforced Masonry Walls Under P-Δ Effects", *Engineering Structures*, Elsevier, 33(2):287-297, doi: 10.1016/j.engstruct.2010.10.004
- IR10. Pellegrino C., **da Porto F.**, Modena C. (2011). "Experimental behaviour of reinforced concrete elements repaired with polymer-modified cementitious mortar", *Materials and Structures*; 44(2):517-527; doi: 10.1617/s11527-010-9646-0
- IR11. **da Porto F.**, Mosele F., Modena C. (2011). "Compressive behaviour of a new reinforced masonry system", *RILEM Materials and Structures*, 44(3):565–581, doi: 10.1617/s11527-010-9649-x
- IR12. Modena C., Valluzzi M.R., **da Porto F.**, Casarin F. (2011). "Structural aspects of the conservation of historic masonry constructions in seismic areas: remedial measures and emergency actions". *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration*. Taylor & Francis Publishers; 5(4-5):539 — 558: doi: 10.1080/15583058.2011.569632
- IR13. **da Porto F.**, Mosele F., Modena C. (2011). "In-plane cyclic behaviour of a new reinforced masonry system: experimental results", *Engineering Structures*, Elsevier, 33(9):2584–2596, doi: 10.1016/j.engstruct.2011.05.003 (Impact Factor: 1.256)
- IR14. Arosio D., Munda S., Zanzi L., **da Porto F.**, Mosele F., (2012). "Non-destructive quality control of reinforced masonry buildings", *ASCE Journal of Infrastructure Systems*; 18(1):34-46; doi: 10.1061/(ASCE)IS.1943-555X.0000054
- IR15. **da Porto F.**, Stievanin E., Pellegrino C. (2012). "Efficiency of rc square columns repairing with polymer-modified cementitious mortars", *Cement and Concrete Composites*, Elsevier, 34(4):545-555; doi: 10.1016/j.cemconcomp.2011.11.020
- IR16. **da Porto F.**, Silva B., Costa C., Modena C. (2012). "Macro-scale analysis of damage to churches after earthquake in Abruzzo (Italy) on April 6, 2009". *Journal of Earthquake Engineering*, Taylor & Francis Publishers; 16(6):739-758; doi: 10.1080/13632469.2012.685207

- IR17. **da Porto F.**, Munari M., Prota A., Modena C. (2013). "Analysis and repair of clustered buildings: case study of a block in the historic city centre of L'Aquila (Central Italy)". *Construction and Building Materials*, Elsevier, 38(1):1221-1237; doi: 10.1016/j.conbuildmat.2012.09.108
- IR18. Lourenço, P.B., Oliveira, D.V., Leite, J.C., Ingham, J.M., Modena, C., **da Porto, F.**, (2013). 'Simplified indexes for the seismic assessment of masonry buildings: International database and validation'. *Engineering Failure Analysis*, Elsevier 34: 585-605; doi: <http://dx.doi.org/10.1016/j.engfailanal.2013.02.014>
- IR19. Lorenzoni F., Casarin F., Modena C., Caldon M., Islami K., **da Porto F.** (2013). 'Structural Health Monitoring of the Roman Arena of Verona, Italy', *Journal of Civil Structural Health Monitoring*. Springer. 3(4):227-246; DOI 10.1007/s13349-013-0065-0, ISSN: 2190-5452
- IR20. Silva B., Dalla Benetta M., **da Porto F.**, Modena C. (2014). "Experimental assessment of in-plane behaviour of three-leaf stone masonry walls". *Construction & Building Materials*, Elsevier; 53:149-161; doi: 10.1016/j.conbuildmat.2013.11.084
- IR21. Giaretton M., Dizhur D., **da Porto F.**, Ingham J.M. (2014). An inventory of unreinforced load-bearing stone masonry buildings in New Zealand. *Bulletin of The New Zealand Society for Earthquake Engineering*, 47(2): 57-74; ISSN 1174-9857
- IR22. Silva B., Dalla Benetta M., **da Porto F.**, Valluzzi M.R. (2014). "Compression and sonic tests to assess effectiveness of grout injection on three-leaf stone masonry walls". *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration*. Taylor & Francis Publishers; 8(3): 408-435; DOI:10.1080/15583058.2013.826300
- IR23. Penna A., Morandi P., Rota M., Manzini C.F., **da Porto F.**, Magenes G. (2014). "Performance of masonry buildings during the Emilia 2012 earthquake", *Bullettin of Earthquake Engineering*, Springer 12(5): 2255-2273; DOI: 10.1007/s10518-013-9496-6
- IR24. Valluzzi M.R., **da Porto F.**, Garbin E., Panizza M. (2014). Out-of-plane behaviour of infill masonry panels strengthened with composite materials. *Materials and Structures*; Springer, 47(12): 2131-2145; DOI: 10.1617/s11527-014-0384-6
- IR25. Modena C., Tecchio G., Pellegrino C., **da Porto F.**, Donà M., Zampieri P., Zanini M.A. (2015). Reinforced concrete and masonry arch bridges in seismic areas: typical deficiencies and retrofitting strategies. *Structure and Infrastructure Engineering*; Taylor & Francis, 11(4): 415-442; doi: 10.1080/15732479.2014.951859
- IR26. Zampieri P., Tecchio G., **da Porto F.**, Modena C. (2015). Limit analysis of seismic transverse capacity of multi-span masonry arch bridges. *Bullettin of Earthquake Engineering*; 13(5):1557–1579; doi: 10.1007/s10518-014-9664-3
- IR27. Endo Y., Pelà L., Roca P., **da Porto F.**, Modena C. (2015). Comparison of seismic analysis methods applied to a historical church struck by the 2009 L'Aquila earthquake. *Bullettin of Earthquake Engineering*; Springer; 13(12):3749-3778 doi: 10.1007/s10518-015-9796-0
- IR28. Giaretton M., Dizhur D., **da Porto F.**, Ingham J.M. (2015). Constituent material properties of New Zealand unreinforced stone masonry buildings. *Journal of Building Engineering*, Elsevier, 4:75-85. DOI: 10.1016/j.jobbe.2015.08.005
- IR29. **da Porto F.**, Tecchio G., Zampieri P., Modena C., Prota A. (2016). Simplified seismic assessment of railway masonry arch bridges by limit analysis. *Structure and Infrastructure Engineering*; Taylor & Francis; 12(5): 567-591; DOI: 10.1080/15732479.2015.1031141
- IR30. Giaretton, M., Dizhur, D., **da Porto, F.**, & Ingham, J. (2016). Construction details and observed earthquake performance of unreinforced clay brick masonry cavity-walls. *Structures*; Elsevier; 6:159-169, DOI: 10.1016/j.istruc.2016.04.004
- IR31. Pappas A., **da Porto F.**, Modena C. (2016). Seismic vulnerability assessment form for free-standing columns. *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration*. Taylor & Francis Publishers. 10(2-3):281-299, DOI: 10.1080/15583058.2015.1113336 (Special issue on SAHC 2014 Conference)
- IR32. Giaretton, M., Dizhur, D., **da Porto, F.**, & Ingham, J.M. (2016). Seismic assessment and improvement of unreinforced stone masonry buildings: literature review and application to New Zealand. *Bulletin of The New Zealand Society for Earthquake Engineering*, 49(2):148-174; ISSN 1174-9857

- IR33. Giamundo V., Lignola G.P., Maddaloni G., **da Porto F.**, Prota A., Manfredi G. (2016). Shaking table test on a full scale unreinforced and IMG-retrofitted clay brick masonry vault. *Bullettin of Earthquake Engineering*, Springer 14(6):1663-1693; DOI: 10.1007/s10518-016-9886-7
- IR34. Modena C., Lorenzoni F., Caldon M., **da Porto, F.** (2016). Structural health monitoring: a tool for managing risks in sub-standard conditions. *Journal of Civil Structural Health Monitoring*, Springer 6(3):365-375; DOI 10.1007/s13349-016-0176-5
- IR35. Tecchio G., Donà M., **da Porto F.** (2016). "Seismic fragility curves of as-built single-span masonry arch bridges". *Bullettin of Earthquake Engineering*, Springer, 14(11):3099-3124; DOI 10.1007/s10518-016-9931-6
- IR36. Giaretton, M., Dizhur, D., **da Porto, F.**, & Ingham, J. (2016). Post-earthquake reconnaissance of unreinforced and retrofitted masonry parapets. *Earthquake Spectra*, 32(4): 2377-2397; DOI: 10.1193/121715EQS184M
- IR37. Silva B., Pappas A., Guedes J.M., **da Porto F.**, Modena C., (2017). Numerical analysis of the in-plane behaviour of three-leaf stone masonry panels consolidated with grout injection. *Bullettin of Earthquake Engineering*, Springer 15(1):357-383; DOI: 10.1007/s10518-016-9969-5
- IR38. Pappas A., Sextos A., **da Porto F.**, Modena C. (2017). Efficiency of alternative intensity measures for the seismic assessment of monolithic free-standing columns. *Bullettin of Earthquake Engineering*, Springer 15(4): 1635-1659; DOI: 10.1007/s10518-016-0035-0
- IR39. Donà M., Muhr A.H., Tecchio G., **da Porto F.** (2017). Experimental characterization, design and modelling of the RBRL seismic-isolation system for lightweight structures. *Earthquake Engineering & Structural Dynamics*, Wiley 46(5):831-853; DOI: 10.1002/eqe.2833
- IR40. Tecchio G., Lorenzoni F., Caldon M., Donà M., **da Porto F.**, Modena C. (2017). Monitoring of orthotropic steel decks for experimental evaluation of residual fatigue life. *Journal of Civil Structural Health Monitoring*, Springer, 7(4):517-539; DOI: 10.1007/s13349-017-0240-9
- IR41. Donà M., Minotto M., Saler E., Tecchio G., da Porto F. (2017). Combined in-plane and out-of-plane seismic effects on masonry infills in RC frames. *Ingegneria Sismica*, International Journal of Earthquake Engineering, Patron editore; Special Issue: Seismic vulnerability of structures and infrastructures: strategies for assessment and mitigation, 34(3):157-173
- IR42. Cescatti E., **da Porto F.**, Modena C., (2018). In situ destructive testing of historical strengthened masonry vaults. *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration*. Taylor & Francis Publishers; 12(3):350-361, DOI:10.1080/15583058.2017.1323243
- IR43. Campostrini G.P., Taffarel S., Bettiol G., Valluzzi M.R., **da Porto F.**, Modena C. (2018). A Bayesian approach to rapid seismic vulnerability assessment at urban scale. *International Journal of Architectural Heritage*, Taylor and Francis, 12(1):36-46; DOI: 10.1080/15583058.2017.1370506
- IR44. Lorenzoni F., Caldon M., **da Porto, F.**, Modena C., Aoki T. (2018). Post-earthquake controls and damage detection through structural health monitoring: applications in L'Aquila. *Journal of Civil Structural Health Monitoring*, Springer 8(2):217-236; DOI:10.1007/s13349-018-0270-y
- IR45. Donà M., Tecchio G., **da Porto F.** (2018). Verification of second-order effects in slender reinforced masonry walls. *Materials & Structures*, Springer, 51(3):51-69; DOI: 10.1617/s11527-018-1196-x
- IR46. Giaretton, M., Dizhur, D., Garbin E., Ingham, J.M., & **da Porto, F.**, (2018). In-plane strengthening of clay brick and block masonry walls using textile reinforced mortar. *ASCE Journal of Composites for Construction*, 22(5):1-10; ISSN 1090-0268; DOI: 10.1061/(ASCE)CC.1943-5614.0000866
- IR47. Taffarel S., **da Porto F.**, Valluzzi M.R., Modena C. (2018). Comparing expeditious procedures for the seismic vulnerability assessment on the European territorial context: reliability, feasibility, cost and time consumption. *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration*. Taylor & Francis, 12(7-8):1150-1161; DOI: 10.1080/15583058.2018.1503375
- IR48. Longo F., Wiebe L., **da Porto F.**, Modena C., (2018). Application of an In-Plane / Out-Of-Plane Interaction Model for URM Infill Walls to Dynamic Seismic Analysis of RC

- Frame Buildings. *Bulletin of Earthquake Engineering*, Springer, 16(12):6163-6163; DOI: 10.1007/s10518-018-0439-0
- IR49. Manzini C.F., Magenes G., Penna A., **da Porto F.**, Camilletti D., Cattari S., Lagomarsino S. (2018). Masonry Italian Code-Conforming Buildings. Part 1: Case Studies and Design Methods. *Journal of Earthquake Engineering*, 22: sup2, 54-73, DOI:10.1080/13632469.2018.1532358
- IR50. Cescatti E., **da Porto F.**, Modena C., (2019). Axial force estimation in historical metal tie-rods: methods, influencing parameters and laboratory tests. *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration*. Taylor & Francis Publishers, Special Issue on Historic Tie-Rods. 13(3):317-328; DOI:10.1080/15583058.2018.1563234
- IR51. Sorrentino L., Cattari S., **da Porto F.**, Magenes G., Penna A. (2019). Seismic behavior of ordinary masonry buildings during the 2016 Central Italy Earthquakes. *Bulletin of Earthquake Engineering*, Springer, Special Issue: The 2016 central Italy Earthquakes; 17(10): 5583-5607; DOI: 10.1007/s10518-018-0370-4
- IR52. Di Sarno L., **da Porto, F.**, Guerrini, G., Calvi, P.M., Camata, G. and Prota, A. (2019). Seismic performance of bridges during the 2016 Central Italy earthquakes. *Bulletin of Earthquake Engineering*, Springer, Special Issue: The 2016 central Italy Earthquakes; 17(10): 5729-5761; DOI: 10.1007/s10518-018-0419-4
- IR53. Donà M., Bizzaro L., Carturan F., **da Porto F.** (2019). Effects of business recovery strategies on seismic risk and cost-effectiveness of structural retrofitting for business enterprises. *Earthquake Spectra*, EERI, 35(4): 1795–1819, doi: 10.1193/041918EQS098M
- IR54. Lorenzoni F., De Conto N., **da Porto, F.**, Modena C. (2019). Ambient and free-vibration tests to improve the quantification and estimation of modal parameters in existing bridges. *Journal of Civil Structural Health Monitoring*, Springer 9(5):617-637; DOI:10.1007/s13349-019-00357-4
- IR55. Cescatti E., Salzano P., Casapulla C., Ceroni F., **da Porto F.**, Prota A., (2020). Damage to masonry churches after 2016-17 Central Italy seismic sequence and definition of fragility curves. *Bulletin of Earthquake Engineering*, Springer 18(1):297-329, DOI: 10.1007/s10518-019-00729-7
- IR56. Donà M., Morandi P., Minotto M., Manzini C.F., **da Porto F.**, Magenes G. (2020). Second-order effects in URM walls subjected to compression and out-of-plane bending: from numerical evaluation to proposal of design procedures, *Engineering Structures*, Elsevier, 209:110130; DOI:10.1016/j.engstruct.2019.110130
- IR57. Minotto M., Verlato N., Donà M., **da Porto F.** (2020). Strengthening of the In-Plane and Out-of-Plane capacity of thin clay masonry infills using Textile- and Fibre-Reinforced Mortar. *ASCE Journal of Composites for Construction*, 24(6):040020059; DOI:10.1061/(ASCE)CC.1943-5614.0001067
- IR58. **da Porto F.**, Donà M., Verlato N., Guidi G., (2020). Experimental testing and numerical modelling of robust unreinforced and reinforced clay masonry infill walls, with and without openings. *Frontiers in Built Environment*, 6:591985, doi:10.3389/fbuil.2020.591985
- IR59. Dolce M., Prota A., Borzi B., **da Porto F.**, Lagomarsino S., Magenes G., Moroni C., Penna A., Polese M., Sperenza E., Verderame G.M., Zuccaro G. (2021). Seismic risk assessment of residential buildings in Italy: methodology overview and main results. *Bulletin of Earthquake Engineering*, Springer, 19(8):2999-3032; doi:10.1007/s10518-020-01009-5
- IR60. Donà M., Carpanese P., Follador V., Sbrogiò L., **da Porto F.** (2021). Mechanics-based fragility curves for Italian residential URM buildings. *Bulletin of Earthquake Engineering*, Springer, 19(8):3099-3127; doi:10.1007/s10518-020-00928-7
- IR61. **da Porto F.**, Donà M., Rosti A., Rota M., Lagomarsino S., Cattari S., Borzi B., Onida M., De Gregorio D., Perelli F.L., Del Gaudio C., Ricci P., Speranza E., (2021). Comparative analysis of the fragility curves for Italian residential masonry and RC buildings. *Bulletin of Earthquake Engineering*, Springer, 19(8):3209-3252; <https://doi.org/10.1007/s10518-021-01120-1>
- IR62. Cattari S., Degli Abbatì S., Alfano S., Brunelli A., Lorenzoni F., **da Porto F.** (2021). Dynamic calibration and seismic validation of numerical models of URM buildings through permanent monitoring data. *Earthquake Engineering & Structural Dynamics*, Wiley, 50(10): 2690-2711; doi: 10.1002/eqe.3467

- IR63. Caprino A., Lorenzoni F., Carnieletto L., Feletto L., De Carli M., **da Porto F.** (2021). Integrated seismic and energy retrofit interventions on a URM masonry building: The case study of the former courthouse in Fabriano. *Sustainability* 13(17):9592; doi: 10.3390/su13179592
- IR64. Donà M., Minotto M., Verlato N., **da Porto F.** (2022). A new macro-model to analyse the combined in-plane/out-of-plane behaviour of unreinforced and strengthened infill walls. *Engineering Structures*, 250: 113487; doi: 10.1016/j.engstruct.2021.113487
- IR65. Donà M., Bernardi E., Zonta A., Ceresara M., **da Porto F.** (2022). Effectiveness of Load-Level Isolation System for pallet racking systems. *Frontiers in Built Environment*, 8:944026, doi: 10.3389/fbuil.2022.944026
- IR66. Tecchio G., Donà M., Saler E., **da Porto F.** (2022). Fragility of single-span masonry arch bridges accounting for deterioration and damage effects. *European Journal of Environmental and Civil Engineering*, Taylor and Francis, doi: 10.1080/19648189.2022.2108504
- IR67. Ceroni F., Casapulla C., Cescatti E., Follador V., Prota A., **da Porto F.** (2022). Damage assessment in one-nave churches and analysis of the most recurring mechanisms after the 2016-17 Central Italy earthquakes. *Bulletin of Earthquake Engineering*, Springer; 20(15):8031-8059; DOI: 10.1007/s10518-022-01507-8
- IR68. Pohoryles D.A., Bournas D.A., **da Porto F.**, Caprino A., Santarsiero G., Triantafyllou T., (2022). Integrated seismic and energy retrofitting of existing buildings: A state-of-the-art review. *Journal of Building Engineering*, Elsevier, 61: 105274; DOI: 10.1016/j.jobee.2022.105274
- IR69. Bonaldo G., Caprino A., Lorenzoni F., da Porto F. (2023) Monitoring displacements and damage detection through satellite MT-InSAR techniques: a new methodology and application to a case study in Rome (Italy). *Remote sensing*, MDPI; Special Issue: Remote Sensing Techniques for Cultural Heritage Preservation and Monitoring; 15(5):1177, doi: <https://doi.org/10.3390/rs15051177>
- IR70. Caprino A., Puliero S., Lorenzoni F., Floris M., da Porto F. (2023) Satellite SAR interferometry and on-site traditional SHM to monitor the post-earthquake behaviour of the Civic Tower in L'Aquila (Abruzzo Region, Italy). *Remote sensing*, MDPI; Special Issue Ground and Structural Deformations Monitoring Systems Integrating Remote Sensing and Ground-Based Data; 15(6):1587; doi: <https://doi.org/10.3390/rs15061587>
- IR71. Saler E., Donà M., Pernechele V., Tecchio G., da Porto F. (2023) Characterisation of an urban bridge portfolio and multi-risk prioritisation accounting for deterioration and seismic vulnerability. *International Journal of Disaster Risk Reduction*; doi: <https://doi.org/10.1016/j.ijdrr.2023.103596>
- IR72. Follador V., Carpanese P., Donà M., da Porto F. (2023) Effect of retrofit interventions on seismic fragility of Italian residential masonry buildings. 91:103668. *International Journal of Disaster Risk Reduction*, Elsevier, doi: <https://doi.org/10.1016/j.ijdrr.2023.103668>
- IR73. Saler E., Gattesco N., da Porto F. (2023) A new combined approach to prioritise seismic retrofit intervention on stocks of RC school buildings. *Journal of Building Engineering* (preliminarily accepted)

RIVISTE INTERNAZIONALI ISI WoS o SCOPUS o con ISSN

- IR74. **da Porto F.**, Stievanin E., Garbin E., Valluzzi M.R. (2012). SRG application for structural strengthening of RC beams. *ACI Special Publications*, SP- 286, "A Fracture Approach for FRP-Concrete Structures", American Concrete Institute, pp. 119-132; ISSN: 0193-2527; ISBN: 978-0-87031-765-1
- IR75. Modena C., **da Porto F.**, Valluzzi M.R., Munari M. (2013). Criteria and technologies for the structural repair and strengthening of architectural heritage. *International Journal of 3R's*, 4(3):606-621, ISSN: 0975-8968
- IR76. Lignola G.P., **da Porto F.**, Prota A., Manfredi G. (2014). Evaluation of RC arch bridges and main parameters in performance assessment. *ACI Special Publications*, SP- 298, "Advanced Materials and Sensors Towards Smart Concrete Bridges: Concept, Performance, Evaluation, and Repair", American Concrete Institute, pp. 105-125, ISSN: 0193-2527; ISBN: 978-1-63439-130-6
- IR77. **da Porto F.**, Guidi G., Verlato N., Modena C. (2015). Effectiveness of plasters and textile reinforced mortars in strengthening clay masonry infill walls subjected to

- combined in-plane/out-of-plane actions. *Mauerwerk, European Journal of Masonry*, Ernst & Sohn, 19(5):334-354; ISSN 1432-3427; DOI: 10.1002/dama.201500673
- IR78. Cescatti E., **da Porto F.**, Modena C. (2018). Analysis and Comparison of EBR Techniques Applied to Masonry Vaults. ACI Special Publications, SP-324, "Composites with inorganic matrix for Repair of Concrete and Masonry Structures", American Concrete Institute, pp. 12.1-12.16; ISSN: 0193-2527
- IR79. Vettore M., Donà M., Carpanese P., Follador V., **da Porto F.**, Valluzzi M.R. (2020). A multi-level procedure at urban scale to assess the vulnerability and the exposure of residential masonry buildings: the case study of Pordenone, North-Est Italy. *Heritage*, 3(4):1433-1468; ISSN 2571-9408; doi:10.3390/heritage3040080

RIVISTE NAZIONALI

- NR1. Valluzzi M.R., **da Porto F.**, Modena C. (2002). "Miscele da iniezione: problemi e proposte", *L'Edilizia*, De Lettera Ed., vol. XVI, n. 2 Feb./March/Apr. 2002, pp. 72-77, ISSN: 1593-3970
- NR2. Valluzzi M.R., **da Porto F.**, Modena C. (2002). "Murature realizzate con blocchi rettificati e giunti sottili", *L'Industria dei laterizi*, Faenza Ed., Vol. XIII, n. 74, March-April 2002, pp. 93-100, ISSN 1123-8208.
- NR3. Valluzzi M.R., **da Porto F.**, Modena C. (2002). "Murature realizzate con blocchi rettificati e giunti sottili", *Costruire in laterizio*, Gruppo Editoriale Faenza Editrice S.p.A., May-June 2002, Vol. XV, n. 87, pp. 64-71, ISSN 0394-1590.
- NR4. Valluzzi M.R., **da Porto F.**, Modena C. (2002). "Il consolidamento delle murature in pietra: verifiche del comportamento strutturale e valutazioni di efficacia", *L'Edilizia*, De Lettera Ed., vol. XVI, n. 3, May-June 2002, pp. 36-45, ISSN: 1593-3970
- NR5. **da Porto F.**, Valluzzi M.R., Modena C. (2005). "Laterizio Rettificato per murature portanti: ricerca e sperimentazione", *L'Industria dei laterizi*, Faenza Ed., Vol. XVI, n. 93, May-June 2005, pp. 151-166, ISSN 1123-8208
- NR6. **da Porto F.**, Casarin F., Garbin E., Modena C. (2005). "Sperimentazione e progettazione di volte semi-prefabbricate in muratura armata", *Costruire in laterizio*, Gruppo Editoriale Faenza Editrice S.p.A., September-October 2005, Vol. XVIII, n. 107, pp. 66-73, ISSN 0394-1590
- NR7. **da Porto F.**, Garbin E., Mosele F., Modena C. (2006). "Comportamento meccanico di murature realizzate con diverse tipologie di giunto", *L'industria dei Laterizi*, Faenza Ed., Vol. XVII, n. 99, May-June 2006, pp. 151-164, ISSN 1123-8208
- NR8. **da Porto F.**, Barbiero E., Dalla Benetta M., Modena C. (2006). "Sperimentazione sul comportamento fuori piano di tamponamenti in muratura di laterizio", *L'industria dei Laterizi*, Faenza Ed.; Vol. XVII, n. 102, Novembre-Dicembre 2006, pp. 367-376, ISSN 1123-8208
- NR9. **da Porto F.**, Garbin E., Mosele F., Modena C. (2006). "Murature realizzate con diverse tipologie di giunto", *Costruire in laterizio*, Faenza Ed., Vol. XIX, n. 114, Novembre/Dicembre 2006, pp. 54-61, ISSN 0394-1590
- NR10. **da Porto F.**, Barbiero E., Dalla Benetta M., Modena C. (2007). "Comportamento fuori piano di tamponamenti in muratura di laterizio", *Costruire in laterizio*, Faenza Ed., Vol. XX, n. 117, Maggio-Giugno 2007, pp. 58-65, ISSN 0394-1590
- NR11. **da Porto F.**, Mosele F., Dalla Benetta M., Modena C. (2008). "Caratterizzazione meccanica di muratura armata con blocchi a 'C' e ad 'H'", *Murature Oggi*, CR SOFT Editoria; Vol. XXVI, n. 101, Dicembre 2008, pp. 14-20
- NR12. **da Porto F.**, Mosele F., Modena C. (2009). "Resistenza a compressione di un sistema innovativo in muratura armata", *L'industria dei Laterizi*, Editore Il Sole 24 ORE Business Media S.r.l.; Vol. XX, n. 115, Gennaio-Febbraio 2009, pp. 7-18, ISSN 1123-8208
- NR13. Guidi G., **da Porto F.**, Garbin E., Modena C. (2009). "Murature in laterizio: comportamenti in relazione alla tipologia del giunto e alla resistenza del blocco", *L'industria dei Laterizi*, Editore Il Sole 24 ORE Business Media S.r.l.; Vol. XX, n. 116, Marzo-Aprile 2009, pp. 83-93, ISSN 1123-8208
- NR14. **da Porto F.**, Mosele F., Modena C. (2009). "Muratura armata con blocchi a fori orizzontali: resistenza a compressione", *Costruire in laterizio*, Editore Il Sole 24 ORE Business Media S.r.l., Vol. XXII, n. 128, Marzo-Aprile 2009, pp. 54-61, ISSN 0394-1590
- NR15. Mosele F., **da Porto F.**, Modena C. (2009). "Comportamento ciclico nel piano di un sistema innovativo di muratura armata", *L'industria dei Laterizi*, Editore Il Sole 24 ORE

- Business Media S.r.l.; Vol. XX, n. 117, Maggio-Giugno 2009, pp. 151-162, ISSN 1123-8208
- NR16. Mosele F., **da Porto F.**, Garbin E., Modena C. (2009). "Pareti alte in muratura armata sollecitate fuori piano", *Murature Oggi*, CR SOFT Editoria; Vol. XXVII, n. 103, Giugno 2009, pp. 12-18
- NR17. Mosele F., **da Porto F.**, Modena C. (2009). "Muratura armata con blocchi a fori orizzontali: comportamento ciclico nel piano", *Costruire in laterizio*, Editore Il Sole 24 ORE Business Media S.r.l., Vol. XXII, n. 130, Luglio-Agosto 2009, pp. 54-61, ISSN 0394-1590
- NR18. Bracchi S., **da Porto F.**, Galasco A., Graziotti F., Liberatore D., Liberatore L., Magenes G., Mandirola M., Manzini C.F., Masiani R., Morandi P., Palmieri M., Penna A., Rosti A., Rota M., Sorrentino L., Tondelli M. (2012). "Comportamento degli edifici in muratura nella sequenza sismica del 2012 in Emilia". *Progettazione Sismica*, IUSS Press, Vol. IV, n. 3, pp. 141-161, ISSN 1973-7432
- NR19. Modena C., **da Porto F.**, Bettiol G., Giaretton M. (2012). "Edilizia storico-monumentale. Salvaguardia degli edifici di interesse storico-artistico nell'emergenza post-sisma". *Progettazione Sismica*, IUSS Press, Vol. IV, n. 3, pp. 211-221, ISSN 1973-7432
- NR20. Modena C., **da Porto F.**, Valluzzi M.R. (2012). "Conservazione del patrimonio architettonico e sicurezza strutturale in zona sismica: insegnamenti dalle recenti esperienze italiane". *Materiali e Strutture*, L'Erma di Bretschneider - Roma, Nuova Serie Vol. 1, n. 1-2, pp. 17-28, ISSN 1121-2373
- NR21. Pellegrino C., D'Antino T., Franchetti P., **da Porto F.**, Giacomini G. (2013). "Elementi prefabbricati PRC esistenti rinforzati con compositi cementizi". *Compositi*, Vol. 27, pp. 9-18
- NR22. Verlato N., Guidi G., Dalla Benetta M., **da Porto F.** (2014). "Comportamento Sperimentale sotto azioni combinate nel Piano e Fuori piano di Tamponature realizzate con il sistema Antiespulsione". *Murature Oggi*, CR SOFT Editoria, 114, Maggio 2014, 8-18.
- NR23. Verlato N., Guidi G., **da Porto F.** (2014). "Calcolo della resistenza fuori piano di tamponature realizzate con il sistema Antiespulsione: modellazione analitica e proposte progettuali". *Murature Oggi*, CR SOFT Editoria, 116, Novembre 2014, 8-16.
- NR24. **da Porto F.**, Modena C., Magenes G., Morandi P., Di Fusco A. (2015). "Progetto europeo sulle tamponature antisismiche". *Costruire in laterizio*, Tecniche Nuove Editore, Vol. XXVIII, n. 163, Giugno 2015, pp. 58-64, ISSN 0394-1590
- NR25. Modena C., Valluzzi M.R., **da Porto F.**, Munari M. (2015). "Danneggiamento e recupero degli edifici storici: l'esperienza dell'Aquila". *Energia, Ambiente e Innovazione*, vol. 5, pp. 63-71, DOI: 10.12910/EAI2015-082
- NR26. Verlato N., Guidi G., Modena C., **da Porto F.** (2017). "Sistemi costruttivi innovativi per tamponature in laterizio basati sull'utilizzo di giunti deformabili". *Costruire in laterizio*, Tecniche Nuove Editore, Vol. XXX, n. 171, Giugno 2017, pp. 78-85, ISSN 0394-1599
- NR27. Fragomeli A., Galasco A., Graziotti F., Guerrini G., Kallioras S., Magenes G., Malomo D., Mandirola M., Manzini C.F., Marchesi B., Milanesi R.R., Morandi P., Penna A., Rossi A., Rosti A., Rota M., Senaldi I.E., Tomassetti U., Cattari S., **da Porto F.**, Sorrentino L. (2017). "Comportamento degli edifici in muratura nella sequenza sismica dell'Italia centrale del 2016 - Parte 1: Quadro generale". *Progettazione Sismica*, IUSS Press. Vol. VIII, n.2, pp. 49-77; DOI 10.7414/PS.8.2.49-77; ISSN 1973-7432
- NR28. Fragomeli A., Galasco A., Graziotti F., Guerrini G., Kallioras S., Magenes G., Malomo D., Mandirola M., Manzini C.F., Marchesi B., Milanesi R.R., Morandi P., Penna A., Rossi A., Rosti A., Rota M., Senaldi I.E., Tomassetti U., Cattari S., **da Porto F.**, Sorrentino L. (2017). "Comportamento degli edifici in muratura nella sequenza sismica dell'Italia centrale del 2016 - Parte 2: Esempi di centri colpiti". *Progettazione Sismica*, IUSS Press. Vol. VIII, n.3, pp. 75-98; DOI 10.7414/PS.8.3.75-98; ISSN 1973-7432
- NR29. Di Sarno L., **da Porto F.**, Guerrini G., Prota A. (2018). "Analisi della risposta strutturale di alcuni ponti durante il terremoto del Centro Italia". *Progettazione Sismica*, IUSS Press. Vol. IX, n.1, pp. 9-23; DOI 10.7414/PS.9.1.9-23; ISSN 1973-7432
- NR30. Taffarel S., Valluzzi M.R., **da Porto F.**, Romano F.G., Magani F., Modena C. (2018). "Ottimizzare la gestione delle informazioni: catalogazione e analisi critica dei dati raccolti attraverso la scheda sinottica allegata alla Circolare n. 15/2015". *Progettazione Sismica*, IUSS Press. Vol. IX, n.1, pp. 25-36; DOI 10.7414/PS.9.1.25-36; ISSN 1973-7432

- NR31. **da Porto F.**, Morandi P., Magenes G. (2021). La nuova PR-EN1996-1-1. Evoluzione dell'eurocodice per la progettazione delle strutture in muratura. Structural 236, ISSN 2282-3794, <https://doi.org/10.12917/STRU236.20>

CAPITOLO DI LIBRO INTERNAZIONALE

- BC1. Modena C., Casarin F., **da Porto F.**, Munari M. (2010). "L'Aquila 6th April 2009 earthquake: emergency and post-emergency activities on cultural heritage buildings" in: M. Garevski, A. Ansal (eds.), *Earthquake Engineering in Europe*, Geotechnical, Geological, and Earthquake Engineering, Springer Science+Business Media B.V. 2010; Vol 17, Chapter 20, pp. 495-521; DOI 10.1007/978-90-481-9544-2_20, ISBN: 978-90-481-9543-
- BC2. Quelhas B., Cantini L., Guedes J.M., **da Porto F.**, Almeida C. (2014). "Characterization and Reinforcement of Stone Masonry Walls" in: A. Costa, J.M. Guedes, H. Varum (eds.), *Structural Rehabilitation of Old Buildings*, Series: Building Pathology and Rehabilitation, Vol. 2, Chapter 5, pp. 131-156; DOI 10.1007/978-3-642-39686-1, Springer Berlin Heidelberg, ISBN 978-3-642-39685-4; ISSN 2194-9832
- BC3. Modena C., Tecchio G., Pellegrino C., **da Porto F.**, Zanini M.A., Donà M. (2014). "Retrofitting and Refurbishment of Existing Road Bridges" in: D.M. Frangopol, Y. Tsompanakis (eds.), *Maintenance and Safety of Aging Infrastructure*, Series: Structures and Infrastructures, Vol. 10, Chapter 17, pp. 469-534; DOI 10.1201/b17073-1, CRC Press/Balkema; ISBN: 978-0-415-65942-0; ISSN 1747-7735.
- BC4. Taffarel S., Marson C., Bettiol G., Munari M., da Porto F., Valluzzi M.R., Modena C., (2013). "The structural issue of the reconstruction plan of Castelvecchio Calvisio historical centre". In R. Crisan, D. Fiorani, L. Kealy, S.F. Musso (eds.), *Conservation/Reconstruction. Small Historic Centers Conservation in the Midst of Change*, pp. 63-73, EAAE - European Association for Architectural Education; pp. 63-73; ISBN: 9782930301631
- BC5. **da Porto F.**, Valluzzi M.R., Munari M., Modena C., Arêde A., Costa A. (2018). "Strengthening of stone and brick masonry buildings". In: Costa A., Arêde A., Varum H. (eds.), *Strengthening and retrofitting of existing structures*, Series: Building Pathology and Rehabilitation, Vol. IX, Springer, 59-84; https://doi.org/10.1007/978-981-10-5858-5_3; ISBN: 978-981-10-5857-8.
- BC6. Secco M., Stievanin E., Modena C., Artioli G., da Porto F. (2018). "Villa Girasole. Verona, Italy, 1929-35". In: Croft C., Macdonald S. (eds.), *Concrete. Case Studies in Conservation Practice*, Series: Conserving Modern Heritage, Getty Conservation Institute, Los Angeles. ISBN: 978-1-60606-576-1.

CAPITOLO DI LIBRO NAZIONALE

- BC7. Modena C., Riva G., Valluzzi M.R., Mar G., Sonda D., Zonta D., Berti M., **da Porto F.**, Franchetti P., Zanardo G. (2001). "Caratterizzazione strutturale e consolidamento di costruzioni in muratura"; MURST 1998-2000 'Il progetto di conservazione: linee metodologiche per le analisi preliminari, l'intervento, il controllo di efficacia', Rapporti di ricerca, a cura di Serena Pesenti, Alinea Ed., Milano, Italy, Dicembre 2001; pp. 415-457; ISBN 88-8125-537-5.
- BC8. Prota A., Moroni C., **da Porto F.**, Montella G., Ricci D., Venturi V., Dolce M., Manfredi G., Modena C. (2012). "Linee guida per modalità di indagine sulle strutture e sui terreni per i progetti di riparazione, miglioramento e ricostruzione di edifici inagibili", Cap. 2 "Strutture", pp. 5-38, Doppiavoce Edizioni, Napoli, ISBN: 978-88-89972-30-4
- BC9. Modena C., Valluzzi M.R., **da Porto F.**, Taffarel S. (2017). "Approcci sostenibili alla valutazione e mitigazione del rischio sismico di edifici e di aggregati urbani storici" in: R. Picone e V. Russo (eds.), *L'arte del costruire in Campania tra restauro e sicurezza strutturale*, Serie: Abitare il futuro, Vol. 18, pp. 237-244, CLEAN Editore, Napoli; ISBN: 978-88-8497-620-8