

# Giovanni Luca Pesce

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/802937/publications.pdf>

Version: 2024-02-01

20  
papers

325  
citations

840776

11  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of organic additives on calcium hydroxide crystallisation during lime slaking. Cement and Concrete Research, 2021, 139, 106254.	11.0	18
2	Towards a better understanding of hot-mixed mortars for the conservation of historic buildings: the role of water temperature and steam during lime slaking. Heritage Science, 2021, 9, .	2.3	7
3	Context and Knowledge for Functional Buildings from the Industrial Revolution Using Heritage Railway Signal Boxes as an Exemplar. Historic Environment: Policy and Practice, 2020, 11, 232-257.	2.5	3
4	Repair of Block Masonry Panels with CFRP Sheets. Materials, 2019, 12, 2363.	2.9	13
5	Effectiveness of Nanolime as a Stone Consolidant: A 4-Year Study of Six Common UK Limestones. Materials, 2019, 12, 2673.	2.9	13
6	Effectiveness and Compatibility of a Novel Sustainable Method for Stone Consolidation Based on Di-Ammonium Phosphate and Calcium-Based Nanomaterials. Materials, 2019, 12, 3025.	2.9	18
7	Determination of Initial and Final Set of Ternary Mortars and Compressive Strength with Regard to Temperature Variation. Journal of Civil Engineering and Construction, 2019, 8, 8-12.	0.7	0
8	Carbonation of Hydrous Materials at the Molecular Level: A Time of Flight-Secondary Ion Mass Spectrometry, Raman and Density Functional Theory Study. Crystal Growth and Design, 2017, 17, 1036-1044.	3.0	16
9	Optimization of drilling resistance measurement (DRM) user-controlled variables. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	10
10	An experimental and computational study to resolve the composition of dolomitic lime. RSC Advances, 2016, 6, 16066-16072.	3.6	8
11	Diagnosis of carbonation induced corrosion initiation and progression in reinforced concrete structures using piezo-impedance transducers. Sensors and Actuators A: Physical, 2016, 242, 79-91.	4.1	82
12	Environmental performance of nano-structured Ca(OH) <sub>2</sub> /TiO <sub>2</sub> photocatalytic coatings for buildings. Building and Environment, 2015, 92, 734-742.	6.9	36
13	Monitoring hydration in lime-metakaolin composites using electrochemical impedance spectroscopy and nuclear magnetic resonance spectroscopy. Clay Minerals, 2014, 49, 341-358.	0.6	19
14	Nanostructured Pd Hydride Microelectrodes: In Situ Monitoring of pH Variations in a Porous Medium. Analytical Chemistry, 2014, 86, 5758-5765.	6.5	13
15	Scanning Electrochemical Microscopy: Using the Potentiometric Mode of SECM To Study the Mixed Potential Arising from Two Independent Redox Processes. Analytical Chemistry, 2013, 85, 8341-8346.	6.5	13
16	Consolidation of weathered limestone using nanolime. Proceedings of Institution of Civil Engineers: Construction Materials, 2013, 166, 213-228.	1.1	13
17	Radiocarbon Dating of Mortars from the Baptismal Font of the San Lorenzo Cathedral of Alba (Cuneo), Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 526-533.	1.8	6
18	Radiocarbon Dating of Mortars from the Baptismal Font of the San Lorenzo Cathedral of Alba (Cuneo), Tj ETQq0 0 0 rgBT /Overlock 10 T 55, .	1.8	0

#	ARTICLE	IF	CITATIONS
19	Identification, Extraction, and Preparation of Reliable Lime Samples for <sup>14</sup> C Dating of Plasters and Mortars with the "Pure Lime Lumps" Technique. Radiocarbon, 2012, 54, 933-942.	1.8	29
20	Characterisation of Lime/Metakaolin Paste Using Impedance Spectroscopy. Key Engineering Materials, 0, 517, 487-494.	0.4	8