

# 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	Diagnosis of carbonation induced corrosion initiation and progression in reinforced concrete structures using piezo-impedance transducers. <i>Sensors and Actuators A: Physical</i> , 2016, 242, 79-91.	4.1	82
2	Environmental performance of nano-structured Ca(OH) <sub>2</sub> /TiO <sub>2</sub> photocatalytic coatings for buildings. <i>Building and Environment</i> , 2015, 92, 734-742.	6.9	36
3	Identification, Extraction, and Preparation of Reliable Lime Samples for 14C Dating of Plasters and Mortars with the "Pure Lime Lumps" Technique. <i>Radiocarbon</i> , 2012, 54, 933-942.	1.8	29
4	Monitoring hydration in lime-metakaolin composites using electrochemical impedance spectroscopy and nuclear magnetic resonance spectroscopy. <i>Clay Minerals</i> , 2014, 49, 341-358.	0.6	19
5	Effectiveness and Compatibility of a Novel Sustainable Method for Stone Consolidation Based on Di-Ammonium Phosphate and Calcium-Based Nanomaterials. <i>Materials</i> , 2019, 12, 3025.	2.9	18
6	Effects of organic additives on calcium hydroxide crystallisation during lime slaking. <i>Cement and Concrete Research</i> , 2021, 139, 106254.	11.0	18
7	Carbonation of Hydrous Materials at the Molecular Level: A Time of Flight-Secondary Ion Mass Spectrometry, Raman and Density Functional Theory Study. <i>Crystal Growth and Design</i> , 2017, 17, 1036-1044.	3.0	16
8	Scanning Electrochemical Microscopy: Using the Potentiometric Mode of SECM To Study the Mixed Potential Arising from Two Independent Redox Processes. <i>Analytical Chemistry</i> , 2013, 85, 8341-8346.	6.5	13
9	Consolidation of weathered limestone using nanolime. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2013, 166, 213-228.	1.1	13
10	Nanostructured Pd Hydride Microelectrodes: In Situ Monitoring of pH Variations in a Porous Medium. <i>Analytical Chemistry</i> , 2014, 86, 5758-5765.	6.5	13
11	Repair of Block Masonry Panels with CFRP Sheets. <i>Materials</i> , 2019, 12, 2363.	2.9	13
12	Effectiveness of Nanolime as a Stone Consolidant: A 4-Year Study of Six Common UK Limestones. <i>Materials</i> , 2019, 12, 2673.	2.9	13
13	Optimization of drilling resistance measurement (DRM) user-controlled variables. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	3.1	10
14	Characterisation of Lime/Metakaolin Paste Using Impedance Spectroscopy. <i>Key Engineering Materials</i> , 0, 517, 487-494.	0.4	8
15	An experimental and computational study to resolve the composition of dolomitic lime. <i>RSC Advances</i> , 2016, 6, 16066-16072.	3.6	8
16	Towards a better understanding of hot-mixed mortars for the conservation of historic buildings: the role of water temperature and steam during lime slaking. <i>Heritage Science</i> , 2021, 9, .	2.3	7
17	Radiocarbon Dating of Mortars from the Baptismal Font of the San Lorenzo Cathedral of Alba (Cuneo). <i>Tj ETQq1 1</i> 0.784314 rgBT /Over 526-533.	1.8	6
18	Context and Knowledge for Functional Buildings from the Industrial Revolution Using Heritage Railway Signal Boxes as an Exemplar. <i>Historic Environment: Policy and Practice</i> , 2020, 11, 232-257.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Radiocarbon Dating of Mortars from the Baptismal Font of the San Lorenzo Cathedral of Alba (Cuneo,) Tj ETQq1 1.8 55, .	0.784314	0
20	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