

# Donato Colangiuli

## List of Publications by Year in descending order

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27  
papers

908  
citations

471509

17  
h-index

642732

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	A non destructive testing method for masonry by using UPV and cross validation procedure. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	3.1	11
2	Field performances of nanosized TiO2 coated limestone for a self-cleaning building surface in an urban environment. Building and Environment, 2019, 147, 506-516.	6.9	47
3	Field study in an urban environment of simultaneous self-cleaning and hydrophobic nanosized TiO2-based coatings on stone for the protection of building surface. Science of the Total Environment, 2019, 650, 2919-2930.	8.0	44
4	Combining non-invasive techniques for reliable prediction of soft stone strength in historic masonries. Construction and Building Materials, 2017, 146, 744-754.	7.2	22
5	Estimating in situ concrete strength combining direct and indirect measures via cross validation procedure. Construction and Building Materials, 2017, 151, 916-924.	7.2	12
6	Colloidal Nanocrystalline Semiconductor Materials as Photocatalysts for Environmental Protection of Architectural Stone. Crystals, 2017, 7, 30.	2.2	17
7	Assessing the reliability of non-destructive and moderately invasive techniques for the evaluation of uniaxial compressive strength of stone masonry units. Construction and Building Materials, 2016, 124, 575-581.	7.2	23
8	Microscopic techniques and a multi-analytical approach to study the fire damage of the painted stuccoes from the Petruzzelli Theatre (Bari, Southern Italy). Microchemical Journal, 2016, 126, 42-53.	4.5	9
9	Novel multifunctional coatings with photocatalytic and hydrophobic properties for the preservation of the stone building heritage. Construction and Building Materials, 2015, 93, 189-196.	7.2	75
10	Ultrasonic pulse velocity for the evaluation of physical and mechanical properties of a highly porous building limestone. Ultrasonics, 2015, 60, 33-40.	3.9	78
11	Conservation issues with calcarenites used as historical building materials in Syracuse (Southern Italy). Journal of Cultural Heritage, 2014, 15, 1-14.	0.784314	11
12	A deep knowledge of the behaviour of multi-component products for stone protection by an integrated analysis approach. Progress in Organic Coatings, 2013, 76, 893-899.	3.9	12
13	Non-destructive and laboratory diagnostic study on the mosaic of the crypt of St. Nicholas (Bari, Italy). Journal of Cultural Heritage, 2012, 13, 1-14.	0.784314	2
14	Nanostructural depth-profile and field-effect properties of poly(alkoxyphenylene-thienylene) Langmuir-Schäfer thin-films. Thin Solid Films, 2008, 516, 3263-3269.	1.8	8
15	Evidence of different metabolic phenotypes in humans. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1420-1424.	7.1	231
16	New strategies to identify molecular markers predicting chemotherapy activity and toxicity in breast cancer. Annals of Oncology, 2007, 18, xii8-xii14.	1.2	20
17	Poly(alkoxyphenylene-thienylene) Langmuir-Schäfer Thin Films for Advanced Performance Transistors. Chemistry of Materials, 2006, 18, 778-784.	6.7	40
18	Synthesis and Chiroptical Characterization of an Amino Acid Functionalized Dialkoxypoly(p-phenyleneethynylene). Macromolecules, 2006, 39, 5206-5212.	4.8	47

#	ARTICLE	IF	CITATIONS
19	A poly(phenyleneethynylene) polymer bearing amino acid substituents as active layer in enantioselective solid-state sensors. , 2006, 6192, 237.		3
20	Tailored conjugated polymer Langmuir-Schafer thin films in sensing transistors. , 2004, 5522, 36.		0
21	Poly(phenyleneethynylene) polymers bearing glucose substituents as promising active layers in enantioselective chemiresistors. Sensors and Actuators B: Chemical, 2004, 100, 17-21.	7.8	29
22	CHEMICAL SENSORS BASED ON ELECTROACTIVE POLYMERS: FIRST EXAMPLE OF THE USE OF A POLYPHENYLENETHIENYLENE DERIVATIVE. , 2004, , .		0
23	Thin Film Construction and Characterization and Gas-Sensing Performances of a Tailored Phenylene- $\pi$ -Thienylene Copolymer. Journal of the American Chemical Society, 2003, 125, 9055-9061.	13.7	46
24	Study of Anisotropic Optical Properties of Poly(aryleneethynylene) Thin Films: Dependence on Polymer Backbone. Macromolecules, 2003, 36, 4492-4497.	4.8	20
25	Spectroscopic ellipsometry for characterization of organic semiconductor polymeric thin films. Synthetic Metals, 2003, 138, 49-53.	3.9	24
26	Synthesis of poly(aryleneethynylene)s bearing glucose units as substituents Electronic supplementary information (ESI) available: experimental procedures and related references, and IR and NMR spectra of all the compounds. See <a href="http://www.rsc.org/suppdata/cc/b2/b207753a/">http://www.rsc.org/suppdata/cc/b2/b207753a/</a> . Chemical Communications, 2003, , 130-131.	4.1	51
27	A General Strategy for the Synthesis of Conjugated Polymers Based upon the Palladium-Catalysed Cross-Coupling of Grignard Reagents with Unsaturated Halides. European Journal of Organic Chemistry, 2002, 2002, 2785.	2.4	25