

Donato Colangiuli

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	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 http://www.rsc.org/suppdata/cc/b2/b207753a/ . Chemical Communications, 2003, , 130-131.	4.1	51
5	Synthesis and Chiroptical Characterization of an Amino Acid Functionalized Dialkoxypoly(p-phenyleneethynylene). Macromolecules, 2006, 39, 5206-5212.	4.8	47
6	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
7	Thin Film Construction and Characterization and Gas-Sensing Performances of a Tailored Phenylene- π -Thienylene Copolymer. Journal of the American Chemical Society, 2003, 125, 9055-9061.	13.7	46
8	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
9	Poly(alkoxyphenylene- π -thienylene) Langmuir- π -SchÅfer Thin Films for Advanced Performance Transistors. Chemistry of Materials, 2006, 18, 778-784.	6.7	40
10	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
11	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
12	Spectroscopic ellipsometry for characterization of organic semiconductor polymeric thin films. Synthetic Metals, 2003, 138, 49-53.	3.9	24
13	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
14	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
15	Study of Anisotropic Optical Properties of Poly(arylenephenylene) Thin Films: Dependence on Polymer Backbone. Macromolecules, 2003, 36, 4492-4497.	4.8	20
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	Colloidal Nanocrystalline Semiconductor Materials as Photocatalysts for Environmental Protection of Architectural Stone. Crystals, 2017, 7, 30.	2.2	17
18	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

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19	Estimating in situ concrete strength combining direct and indirect measures via cross validation procedure. <i>Construction and Building Materials</i> , 2017, 151, 916-924.	7.2	12
20	Conservation issues with calcarenites used as historical building materials in Syracuse (Southern Italy). <i>Journal of Cultural Heritage</i> , 2017, 18, 10-15.	1.4	11
21	A non destructive testing method for masonry by using UPV and cross validation procedure. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.	3.1	11
22	Microscopic techniques and a multi-analytical approach to study the fire damage of the painted stuccoes from the Petruzzelli Theatre (Bari, Southern Italy). <i>Microchemical Journal</i> , 2016, 126, 42-53.	4.5	9
23	Nanostructural depth-profile and field-effect properties of poly(alkoxyphenylene-thienylene) Langmuir-Schaefer thin-films. <i>Thin Solid Films</i> , 2008, 516, 3263-3269.	1.8	8
24	A poly(phenyleneethynylene) polymer bearing amino acid substituents as active layer in enantioselective solid-state sensors. <i>Sensors</i> , 2006, 6, 192, 237.		3
25	Non-destructive and laboratory diagnostic study on the mosaic of the crypt of St. Nicholas (Bari, Italy). <i>Journal of Cultural Heritage</i> , 2017, 18, 10-15.	1.1	2
26	Tailored conjugated polymer Langmuir-Schaefer thin films in sensing transistors. <i>Sensors</i> , 2004, 4, 522, 36.		0
27	CHEMICAL SENSORS BASED ON ELECTROACTIVE POLYMERS: FIRST EXAMPLE OF THE USE OF A POLYPHENYLENETHIENYLENE DERIVATIVE. <i>Sensors</i> , 2004, 4, 522, 36.		0