

Daniela Di Martino

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,291
citations

361413

20
h-index

361022

35
g-index

69
all docs

69
docs citations

69
times ranked

1566
citing authors

#	ARTICLE	IF	CITATIONS
1	Second trimester uterine arteries pulsatility index is a function of placental pathology and provides insights on stillbirth aetiology: A multicenter matched case-control study. <i>Placenta</i> , 2022, 121, 7-13.	1.5	11
2	Glass-gems from the National Archaeological Museum in Aquileia: a PIXE/PIGE compositional study. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012074.	0.4	0
3	Detectors and Cultural Heritage: The INFN-CHNet Experience. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3462.	2.5	26
4	A novel method for spatially-resolved thermal conductivity measurement by super-resolution photo-activated infrared imaging. <i>Materials Today Physics</i> , 2021, 18, 100375.	6.0	5
5	Historical glass mosaic tesserae: a multi-analytical approach for their characterization. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	1
6	Combining Micro-Raman Spectroscopy and Scanning Electron Microscopy Mapping: A Stony Meteorite Study. <i>Materials</i> , 2021, 14, 7585.	2.9	2
7	The Chiaravalle Cross: Results of a Multidisciplinary Study. <i>Heritage</i> , 2019, 2, 2555-2572.	1.9	2
8	Comparison of two "a priori" risk assessment algorithms for preeclampsia in Italy: a prospective multicenter study. <i>Archives of Gynecology and Obstetrics</i> , 2019, 299, 1587-1596.	1.7	8
9	An Archaeometallurgical Investigation on Metal Samples from the Chiaravalle Cross. <i>Heritage</i> , 2019, 2, 836-847.	1.9	1
10	A multidisciplinary non-destructive study of historical pipe organ fragments. <i>Materials Characterization</i> , 2019, 148, 317-322.	4.4	3
11	Egyptian Grave Goods of Kha and Merit Studied by Neutron and Gamma Techniques. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7375-7379.	13.8	11
12	Motivating Cord Blood Donation with Information and Behavioral Nudges. <i>Scientific Reports</i> , 2018, 8, 252.	3.3	20
13	Energy-resolved neutron tomography of an unconventional cultured pearl at a pulsed spallation source using a microchannel plate camera. <i>Microchemical Journal</i> , 2018, 137, 473-479.	4.5	11
14	From tiny gold filigrees to majestic iron tie rods: Neutron facilities for the benefit of cultural heritage. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	1
15	A neutron diffraction and imaging study of ancient iron tie rods. <i>Journal of Instrumentation</i> , 2018, 13, C05009-C05009.	1.2	3
16	Characterizing pearls structures using X-ray phase-contrast and neutron imaging: a pilot study. <i>Scientific Reports</i> , 2018, 8, 12118.	3.3	5
17	Disclosing mineralogical phases in medioeval iron nails by non-destructive neutron techniques. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 515-522.	1.8	5
18	A neutron study of sealed pottery from the grave-goods of Kha and Merit. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1342-1347.	3.0	14

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19	Italian Advisory Board: sFlt-1/PlGF ratio and preeclampsia, state of the art and developments in diagnostic, therapeutic and clinical management. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 206, 70-73.	1.1	20
20	Maternal cardiac deceleration capacity: a novel insight into maternal autonomic function in pregnancies complicated by hypertensive disorders and intrauterine growth restriction. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 206, 6-11.	1.1	8
21	New lenses to look at preeclampsia. <i>Gynecological Endocrinology</i> , 2016, 32, 87-90.	1.7	4
22	Neutron resonance transmission imaging for 3D elemental mapping at the ISIS spallation neutron source. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 745-750.	3.0	29
23	Straightforward fabrication of stable white LEDs by embedding of inorganic UV-LEDs into bulk polymerized polymethyl-methacrylate doped with organic dyes. <i>Scientific Reports</i> , 2014, 4, 4400.	3.3	34
24	The intriguing case of silicon crystals unveiled in ancient mosaic tesserae. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1824-1827.	2.5	6
25	Evidences of Rare-Earth Nanophases Embedded in Silica Using Vibrational Spectroscopy. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 1361-1369.	2.0	14
26	Correction to "Evidences of Rare-Earth Nanophases Embedded in Silica Using Vibrational Spectroscopy" [Jun 10 1361-1369. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 2405-2405.	2.0	0
27	Micro-Raman spectroscopy applied to the study of inclusions within sapphire. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1007-1011.	2.5	26
28	Gd-incorporation and luminescence properties in sol-gel silica glasses. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 3817-3823.	3.1	28
29	A model for the Ge-O coordination in germanate glasses. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 1688-1694.	3.1	40
30	Ge-O Coordination in Cesium Germanate Glasses. <i>Journal of Physical Chemistry B</i> , 2007, 111, 3342-3354.	2.6	44
31	Sol-gel synthesis of Ge nanophases in silica. <i>Solid State Communications</i> , 2007, 144, 429-432.	1.9	5
32	Rare earth doped LiCaAlF ₆ as a new potential dosimetric material. <i>Optical Materials</i> , 2007, 30, 69-71.	3.6	21
33	Insights into Microstructural Features Governing Ce ³⁺ Luminescence Efficiency in Sol-Gel Silica Glasses. <i>Chemistry of Materials</i> , 2006, 18, 6178-6185.	6.7	44
34	Ce-doped SiO ₂ glass as scintillating material: variation on the synthesis procedure for the improvement of material properties. , 2006, , .		0
35	COLOUR ATTRIBUTES OF MEDIEVAL WINDOW PANES: ELECTRON PARAMAGNETIC RESONANCE AND PROBE MICROANALYSES ON STAINED GLASS WINDOWS FROM PAVIA CARTHUSIAN MONASTERY*. <i>Archaeometry</i> , 2005, 47, 381-388.	1.3	15
36	Optical properties of BaY ₂ F ₈ :Ce ³⁺ . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 244-247.	0.8	2

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37	Narrow line spectra induced by Er ³⁺ in silica glasses containing SnO ₂ nanocrystals. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 572-575.	0.8	3
38	Rare-earth aggregates in sol-gel silica and their influence on optical properties. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 620-623.	0.8	11
39	Radiative decay of vacuum-ultraviolet excitation of silica synthesized by molecular precursors of Si sites: An indicator of intracenter relaxation of neutral oxygen vacancies. <i>Physical Review B</i> , 2005, 71, .	3.2	13
40	Electron capture in PbWO ₄ : Mo and PbWO ₄ :Mo,La single crystals: ESR and TSL study. <i>Physical Review B</i> , 2005, 71, .	3.2	39
41	Thermally stimulated luminescence of Ce and Tb doped SiO ₂ sol-gel glasses. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 3699-3703.	3.1	33
42	Ce ³⁺ -doped fibers for remote radiation dosimetry. <i>Applied Physics Letters</i> , 2004, 85, 6356-6358.	3.3	123
43	SiO ₂ -based scintillating fibers for x-ray detectors. , 2004, 5198, 298.		3
44	Trap levels in Y-aluminum garnet scintillating crystals. <i>Radiation Measurements</i> , 2004, 38, 673-676.	1.4	21
45	The 3.83 eV luminescence of Gd-enriched phosphate glasses. <i>Physica Status Solidi A</i> , 2004, 201, R38-R40.	1.7	6
46	Evidences of Rare Earth Ion Aggregates in a Sol-Gel Silica Matrix: The Case of Cerium and Gadolinium. <i>Chemistry of Materials</i> , 2004, 16, 3352-3356.	6.7	22
47	Low-temperature radio- and thermo-stimulated luminescence of SnO ₂ -doped silica. <i>Journal of Non-Crystalline Solids</i> , 2004, 345-346, 306-310.	3.1	1
48	Luminescence properties of rare-earth ions in SiO ₂ glasses prepared by the sol-gel method. <i>Journal of Non-Crystalline Solids</i> , 2004, 345-346, 338-342.	3.1	13
49	Thermoluminescence of Zr-codoped Lu ₃ Al ₅ O ₁₂ :Ce crystals. <i>Physica Status Solidi A</i> , 2003, 195, R1-R3.	1.7	35
50	Ultraviolet-excited radiative decay channels of defect states in high-density sixfold-coordinated SiO ₂ . <i>Physical Review B</i> , 2003, 68, .	3.2	8
51	Photorefractivity and luminescence properties of Sn-doped SiO ₂ glass. , 2002, , .		0
52	Defect states in Lu ₃ Al ₅ O ₁₂ :Ce crystals. <i>Radiation Effects and Defects in Solids</i> , 2002, 157, 1003-1007.	1.2	16
53	SnO ₂ nanocrystals in SiO ₂ : A wide-band-gap quantum-dot system. <i>Applied Physics Letters</i> , 2002, 81, 1702-1704.	3.3	124
54	Thermally stimulated luminescence properties of BaY ₂ F ₈ :Ce Crystals. <i>Radiation Effects and Defects in Solids</i> , 2002, 157, 973-976.	1.2	2

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55	Structure of inorganic and hybrid SiO ₂ sol-gel coatings studied by variable incidence infrared spectroscopy. <i>Journal of Non-Crystalline Solids</i> , 2002, 298, 219-225.	3.1	71
56	X-ray photoelectron spectroscopy of alkali germanate glasses. <i>Surface and Interface Analysis</i> , 2002, 34, 324-327.	1.8	13
57	Electron paramagnetic resonance of mosaic glasses from the Mediterranean area*. <i>Archaeometry</i> , 2002, 44, 543-554.	1.3	3
58	Electron paramagnetic resonance of mosaic glasses from the Mediterranean area*. <i>Archaeometry</i> , 2002, 44, 543-554.	1.3	13
59	Vibrational spectra and structure of alkali germanate glasses. <i>Journal of Non-Crystalline Solids</i> , 2001, 293-295, 394-401.	3.1	110
60	Ultraviolet photoluminescence of porous silica. <i>Applied Physics Letters</i> , 2000, 76, 3209-3211.	3.3	59
61	Paramagnetic sites in alkali germanate glasses. <i>Journal of Non-Crystalline Solids</i> , 2000, 278, 19-23.	3.1	10
62	Photoluminescence of Sn-doped SiO ₂ excited by synchrotron radiation. <i>Journal of Non-Crystalline Solids</i> , 2000, 261, 1-8.	3.1	44
63	Properties of Ta-doped SrTiO ₃ crystals. <i>Radiation Effects and Defects in Solids</i> , 1999, 151, 165-169.	1.2	2
64	EPR study of Gd ³⁺ doped lead oxide based glasses. <i>Journal of Materials Science</i> , 1999, 34, 3931-3935.	3.7	18
65	Sn codoping effects on the photoluminescence of SiO ₂ :Ge. <i>Physical Review B</i> , 1997, 55, 15375-15377.	3.2	5