

Lucia Sansone

List of Publications by Year in descending order

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31
papers

781
citations

623734

14
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Processing and shelf life issues of selected food packaging materials and structures from renewable resources. Trends in Food Science and Technology, 2011, 22, 72-80.	15.1	167
2	Recovering correct phase information in multiwavelength digital holographic microscopy by compensation for chromatic aberrations. Optics Letters, 2005, 30, 2706.	3.3	115
3	Screen-Printed Electrodes Modified with Carbon Nanomaterials: A Comparison among Carbon Black, Carbon Nanotubes and Graphene. Electroanalysis, 2015, 27, 2230-2238.	2.9	112
4	Radiation hard humidity sensors for high energy physics applications using polyimide-coated fiber Bragg gratings sensors. Sensors and Actuators B: Chemical, 2013, 177, 94-102.	7.8	109
5	Nanochemical fabrication of a graphene oxide-based nanohybrid for label-free optical sensing with fiber optics. Sensors and Actuators B: Chemical, 2014, 202, 523-526.	7.8	32
6	Assessing the suitability of polylactic acid flexible films for high pressure pasteurization and sterilization of packaged foodstuff. Journal of Food Engineering, 2012, 111, 34-45.	5.2	29
7	Two-dimensional mapping of electro-optic phase retardation in lithium niobate crystals by digital holography. Optics Letters, 2005, 30, 1671.	3.3	26
8	Photoluminescence of Graphene Oxide Infiltrated into Mesoporous Silicon. Journal of Physical Chemistry C, 2014, 118, 27301-27307.	3.1	24
9	Delamination onset and design criteria of multilayer flexible packaging under high pressure treatments. Innovative Food Science and Emerging Technologies, 2014, 23, 39-53.	5.6	22
10	Self-Assembled Colloidal Photonic Crystal on the Fiber Optic Tip as a Sensing Probe. IEEE Photonics Journal, 2017, 9, 1-11.	2.0	20
11	Thermodynamics of water sorption in poly(ϵ -caprolactone): A comparative analysis of lattice fluid models including hydrogen bond contributions. Fluid Phase Equilibria, 2012, 313, 127-139.	2.5	17
12	Photoluminescence enhancement of graphene oxide emission by infiltration in an aperiodic porous silicon multilayer. Optics Express, 2016, 24, 24413.	3.4	16
13	Transport Properties of Zeolite Na ⁺ -Nafion Membranes: Effect of Zeolite Loadings and Particle Size. Fuel Cells, 2011, 11, 801-813.	2.4	15
14	Green's formulation for robust phase unwrapping in digital holography. Optics and Lasers in Engineering, 2007, 45, 750-755.	3.8	14
15	Effects of High Pressure Treatments on Polymeric Films for Flexible Food Packaging. Packaging Technology and Science, 2014, 27, 739-761.	2.8	14
16	Double-face and submicron two-dimensional domain patterning in congruent lithium niobate. IEEE Photonics Technology Letters, 2006, 18, 541-543.	2.5	11
17	Semicrystalline proton-conductive membranes with sulfonated amorphous phases. International Journal of Hydrogen Energy, 2011, 36, 8038-8044.	7.1	11
18	High Resolution X-Ray Characterization of Sub-Micron Periodic Domain Structures in Lithium Niobate Crystals. Ferroelectrics, 2007, 352, 25-34.	0.6	6

#	ARTICLE	IF	CITATIONS
19	Real-time phase-contrast analysis of domain switching in lithium niobate by digital holography. , 2004, , .		4
20	Fabrication of Sub-Micron Period Surface Structures in LiNbO3. Ferroelectrics, 2007, 352, 72-77.	0.6	4
21	Potential application of coalâ€œfuel oil ash for the manufacture of building materials. Journal of Hazardous Materials, 2005, 124, 101-106.	12.4	3
22	Investigation of internal electric field in LiNbO 3 crystal with two anti-parallel ferroelectric domains by interferometric technique. , 2004, 5560, 9.		2
23	Fabrication of 2D sub-micron structures in lithium niobate for photonic crystal applications. , 2005, , .		2
24	Radiation hard humidity sensors based on polyimide-coated fiber Bragg gratings. , 2013, , .		2
25	Long period fiber grating biosensor for the detection of drug resistant bacteria: The “OPTObacteria” project. , 2014, , .		2
26	Two-dimensional characterization of relief microstructures in lithium niobate through digital holographic microscopy. , 0, , .		1
27	Graphene oxide-based nanohybrid for label-free optical sensing. , 2014, , .		1
28	Double face two-dimensional domain engineering in congruent lithium niobate. , 0, , .		0
29	Interferometric measurement of thermal expansion coefficients and thermo-optic coefficients in ferroelectric crystals. , 2006, 6188, 163.		0
30	Engineering and characterization of ferroelectric microstructures for photonic crystal applications. , 2006, 6182, 24.		0
31	Reflection-type long period grating biosensor for the detection of drug resistant bacteria: The Opto-bacteria Project. , 2014, , .		0