

# Anna castaldo

## List of Publications by Year in descending order

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16  
papers

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citations

933447

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1058476

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docs citations

16  
times ranked

506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminium Nitride Doping for Solar Mirrors Self-Cleaning Coatings. <i>Energies</i> , 2021, 14, 6668.	3.1	0
2	Mirroring Solar Radiation Emitting Heat Toward the Universe: Design, Production, and Preliminary Testing of a Metamaterial Based Daytime Passive Radiative Cooler. <i>Energies</i> , 2020, 13, 4192.	3.1	7
3	Effects of different graphene dopants on double antireflection coatings/graphene/n-silicon heterojunction solar cells. <i>Thin Solid Films</i> , 2018, 646, 21-27.	1.8	23
4	Doping of multilayer graphene for silicon based solar cells. , 2017, , .		3
5	Cool materials for reducing summer energy consumptions in Mediterranean climate: In-lab experiments and numerical analysis of a new coating based on acrylic paint. <i>Applied Thermal Engineering</i> , 2016, 102, 91-107.	6.0	43
6	Optimization procedure and fabrication of highly efficient and thermally stable solar coating for receiver operating at high temperature. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 429-437.	6.2	23
7	AlNâ€“Ag based low-emission sputtered coatings for high visible transmittance window. <i>Surface and Coatings Technology</i> , 2016, 295, 2-7.	4.8	27
8	Adhesion and structural stability enhancement for Ag layers deposited on steel in selective solar coatings technology. <i>Surface and Coatings Technology</i> , 2014, 255, 96-101.	4.8	18
9	Synthesis of silicon quantum dots in zinc silicate matrix by low-temperature process: Optical, structural and electrical characterization. <i>Thin Solid Films</i> , 2014, 562, 172-180.	1.8	4
10	Influence of process parameters on properties of reactively sputtered tungsten nitride thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2012, 30, .	2.1	43
11	A new route for fabrication of silicon QDs in a dielectric matrix of silica and silicate. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1900-1903.	0.8	2
12	Fabrication and characterization of polysilsesquioxanes nanocomposites based chemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 487-490.	7.8	20
13	Filled Polysilsesquioxanes: A New Approach to Chemical Sensing. <i>Macromolecular Symposia</i> , 2007, 247, 350-356.	0.7	7
14	Gas concentration estimation in ternary mixtures with room temperature operating sensor array using tapped delay architectures. <i>Sensors and Actuators B: Chemical</i> , 2007, 124, 309-316.	7.8	52
15	Second harmonic generation in polymers containing a new azo chromophore based on phenylnitrobenzoxazole. <i>Journal of Polymer Science Part A</i> , 2002, 40, 1468-1475.	2.3	27
16	Title is missing!. <i>Structural Chemistry</i> , 2002, 13, 27-36.	2.0	28