

# Angelo Giglia

## List of Publications by Year in descending order

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25  
papers

627  
citations

759233

12  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Ultraviolet Plasmon Resonance in Aluminum Nanoparticle Arrays. ACS Nano, 2013, 7, 5834-5841.	14.6	170
2	The BEAR Beamline at Elettra. AIP Conference Proceedings, 2004, , .	0.4	139
3	Molecular orientation in soft matter thin films studied by resonant soft x-ray reflectivity. Physical Review B, 2011, 83, .	3.2	42
4	Calcium fluoride on Si(001): Adsorption mechanisms and epitaxial growth modes. Physical Review B, 2005, 72, .	3.2	39
5	Structural and electronic properties of anisotropic ultrathin organic films from dichroic resonant soft x-ray reflectivity. Physical Review B, 2014, 89, .	3.2	37
6	Enhancement of soft X-ray reflectivity and interface stability in nitridated Pd/Y multilayer mirrors. Optics Express, 2015, 23, 33018.	3.4	25
7	High reflectance Cr/V multilayer with B <sub>4</sub> C barrier layer for water window wavelength region. Optics Letters, 2016, 41, 701.	3.3	25
8	Measuring magnetic profiles at manganite surfaces with monolayer resolution. Journal of Magnetism and Magnetic Materials, 2010, 322, 1212-1216.	2.3	21
9	Interface Functionalities in Multilayer Stack Organic Light Emitting Transistors (OLETs). Advanced Functional Materials, 2014, 24, 5603-5613.	14.9	16
10	Quantitative resonant soft x-ray reflectivity of ultrathin anisotropic organic layers: Simulation and experiment of PTCDA on Au. Journal of Chemical Physics, 2016, 145, 024201.	3.0	16
11	High Reflectance Nanoscale V/Sc Multilayer for Soft X-ray Water Window Region. Scientific Reports, 2017, 7, 12929.	3.3	16
12	X-ray fluorescence induced by standing waves in the grazing-incidence and grazing-exit modes: study of the Mg-Co-Zr system. Journal of Synchrotron Radiation, 2015, 22, 1419-1425.	2.4	15
13	Cobalt on calcium fluoride: Initial stages of growth and magnetic properties. Surface Science, 2006, 600, 4170-4175.	1.9	13
14	Fluorine-Rich Zinc Oxoclusters as Extreme Ultraviolet Photoresists: Chemical Reactions and Lithography Performance. ACS Materials Au, 2022, 2, 343-355.	6.0	9
15	Characterization of Pd/Y multilayers with B <sub>4</sub> C barrier layers using GIXR and X-ray standing wave enhanced HAXPES. Journal of Synchrotron Radiation, 2018, 25, 1417-1424.	2.4	8
16	3D reconstruction of pentacene structural organization in top-contact OTFTs via resonant soft X-ray reflectivity. Applied Physics Letters, 2018, 112, .	3.3	6
17	Periodic Multilayer for X-ray Spectroscopy in the Li K Range. Applied Sciences (Switzerland), 2021, 11, 6385.	2.5	6
18	Analysis of Resonant Soft X-ray Reflectivity of Anisotropic Layered Materials. Surfaces, 2021, 4, 18-30.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Thermal and temporal stability of V/Sc multilayer mirror for the soft X-ray water window region. <i>Vacuum</i> , 2017, 146, 187-193.	3.5	4
20	Thermal effects on Co/Mo2C multilayer mirrors studied by soft x-ray standing wave enhanced photoemission spectroscopy. , 2013, , .		3
21	Controlling In-Plane Isotropic and Anisotropic Orientation of Organic Semiconductor Molecules on Ionic Fluoride Dielectrics. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4426-4433.	3.1	3
22	Study of Pd/Y based multilayers using high energy photoemission spectroscopy combined with x-ray standing waves. <i>Proceedings of SPIE</i> , 2017, , .	0.8	3
23	Characterization of Sc/Mg multilayers with and without Co barriers layers for x-ray spectroscopy in the water window range. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	3
24	Study of Cr/Sc-based multilayer reflecting mirrors using soft x-ray reflectivity and standing wave-enhanced x-ray fluorescence. <i>Optical Engineering</i> , 2017, 56, 1.	1.0	2
25	Silver nanoparticles on nanopatterned LiF(110) surface studied by extreme ultraviolet light scattering. <i>Journal of Applied Physics</i> , 2015, 118, 235302.	2.5	1