

# Angelo Giglia

## List of Publications by Year in descending order

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25  
papers

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citations

759233

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h-index

610901

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all docs

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docs citations

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times ranked

1000  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Fluorine-Rich Zinc Oxoclusters as Extreme Ultraviolet Photoresists: Chemical Reactions and Lithography Performance. ACS Materials Au, 2022, 2, 343-355.                              | 6.0  | 9         |
| 2  | Analysis of Resonant Soft X-ray Reflectivity of Anisotropic Layered Materials. Surfaces, 2021, 4, 18-30.   | 2.3  | 5         |
| 3  | Periodic Multilayer for X-ray Spectroscopy in the Li K Range. Applied Sciences (Switzerland), 2021, 11, 6385.  | 2.5  | 6         |
| 4  | Characterization of Sc/Mg multilayers with and without Co barriers layers for x-ray spectroscopy in the water window range. Journal of Applied Physics, 2019, 126, .                 | 2.5  | 3         |
| 5  | 3D reconstruction of pentacene structural organization in top-contact OTFTs via resonant soft X-ray reflectivity. Applied Physics Letters, 2018, 112, .                              | 3.3  | 6         |
| 6  | 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         |
| 7  | Controlling In-Plane Isotropic and Anisotropic Orientation of Organic Semiconductor Molecules on Ionic Fluoride Dielectrics. Journal of Physical Chemistry C, 2017, 121, 4426-4433.  | 3.1  | 3         |
| 8  | Study of Pd/Y based multilayers using high energy photoemission spectroscopy combined with x-ray standing waves. Proceedings of SPIE, 2017, , .                                      | 0.8  | 3         |
| 9  | Thermal and temporal stability of V/Sc multilayer mirror for the soft X-ray water window region. Vacuum, 2017, 146, 187-193.   | 3.5  | 4         |
| 10 | High Reflectance Nanoscale V/Sc Multilayer for Soft X-ray Water Window Region. Scientific Reports, 2017, 7, 12929.   | 3.3  | 16        |
| 11 | Study of Cr/Sc-based multilayer reflecting mirrors using soft x-ray reflectivity and standing wave-enhanced x-ray fluorescence. Optical Engineering, 2017, 56, 1.                    | 1.0  | 2         |
| 12 | 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        |
| 13 | 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        |
| 14 | Silver nanoparticles on nanopatterned LiF(110) surface studied by extreme ultraviolet light scattering. Journal of Applied Physics, 2015, 118, 235302.                               | 2.5  | 1         |
| 15 | Enhancement of soft X-ray reflectivity and interface stability in nitridated Pd/Y multilayer mirrors. Optics Express, 2015, 23, 33018.   | 3.4  | 25        |
| 16 | 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        |
| 17 | Structural and electronic properties of anisotropic ultrathin organic films from dichroic resonant soft x-ray reflectivity. Physical Review B, 2014, 89, .                           | 3.2  | 37        |
| 18 | Interface Functionalities in Multilayer Stack Organic Light Emitting Transistors (OLETs). Advanced Functional Materials, 2014, 24, 5603-5613.  | 14.9 | 16        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Deep Ultraviolet Plasmon Resonance in Aluminum Nanoparticle Arrays. ACS Nano, 2013, 7, 5834-5841.   | 14.6 | 170       |
| 20 | Thermal effects on Co/Mo2C multilayer mirrors studied by soft x-ray standing wave enhanced photoemission spectroscopy. , 2013, , .              |      | 3         |
| 21 | Molecular orientation in soft matter thin films studied by resonant soft x-ray reflectivity. Physical Review B, 2011, 83, .                     | 3.2  | 42        |
| 22 | Measuring magnetic profiles at manganite surfaces with monolayer resolution. Journal of Magnetism and Magnetic Materials, 2010, 322, 1212-1216. | 2.3  | 21        |
| 23 | Cobalt on calcium fluoride: Initial stages of growth and magnetic properties. Surface Science, 2006, 600, 4170-4175.                            | 1.9  | 13        |
| 24 | Calcium fluoride on Si(001): Adsorption mechanisms and epitaxial growth modes. Physical Review B, 2005, 72, .                                   | 3.2  | 39        |
| 25 | The BEAR Beamline at Elettra. AIP Conference Proceedings, 2004, , .   | 0.4  | 139       |