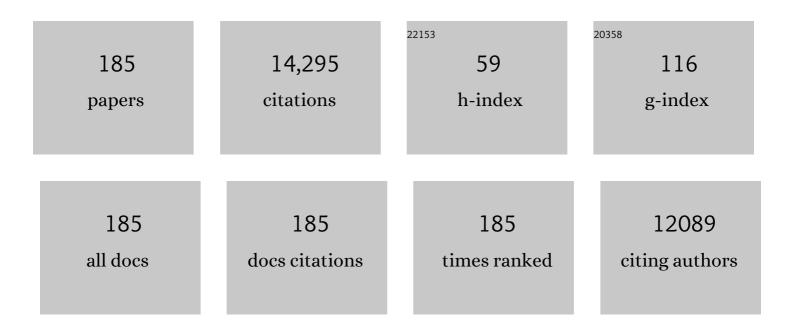
David Grosso

List of Publications by Year in descending order

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| 1 | Study of a liquid crystal impregnated diffraction grating for active waveguide addressing. , 2022, , . | | 5 |
| 2 | Robust and conductive mesoporous reduced graphene oxide-silica hybrids achieved by printing and the sol gel route. Journal of the European Ceramic Society, 2021, 41, 2908-2917. | 5.7 | 10 |
| 3 | Porosimetry for Thin Films of Metal–Organic Frameworks: A Comparison of Positron Annihilation Lifetime Spectroscopy and Adsorptionâ€Based Methods. Advanced Materials, 2021, 33, e2006993. | 21.0 | 40 |
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| 5 | Nanoimprint Lithography Processing of Inorganic-Based Materials. Chemistry of Materials, 2021, 33, 5464-5482. | 6.7 | 25 |
| 6 | Scalable Disordered Hyperuniform Architectures <i>via</i> Nanoimprint Lithography of Metal Oxides. ACS Applied Materials & Interfaces, 2021, 13, 37761-37774. | 8.0 | 12 |
| 7 | Quasi-Guided Modes in Titanium Dioxide Arrays Fabricated via Soft Nanoimprint Lithography. ACS Applied Materials & Interfaces, 2021, 13, 47860-47870. | 8.0 | 7 |
| 8 | Enhanced Refractive Index Sensitivity through Combining a Sol–Gel Adsorbate with a TiO2 Nanoimprinted Metasurface for Gas Sensing. ACS Applied Materials & Interfaces, 2021, , . | 8.0 | 4 |
| 9 | Flexible photonic devices based on dielectric antennas. JPhys Photonics, 2020, 2, 015002. | 4.6 | 10 |
| 10 | Ionic Diffusion, Nanoparticle Formation and Trapping Within Solâ€Gel Made Pillared Planar Nanochannels in a Simple Microfluidic Device. ChemNanoMat, 2020, 6, 392-403. | 2.8 | 0 |
| 11 | Methylated Silica Surfaces Having Tapered Nipple-Dimple Nanopillar Morphologies as Robust Broad-Angle and Broadband Antireflection Coatings. ACS Applied Nano Materials, 2020, 3, 5231-5239. | 5.0 | 13 |
| 12 | Following in Situ the Degradation of Mesoporous Silica in Biorelevant Conditions: At Last, a Good Comprehension of the Structure Influence. ACS Applied Materials & Interfaces, 2020, 12, 13598-13612. | 8.0 | 25 |
| 13 | Quantifying the Extent of Ligand Incorporation and the Effect on Properties of TiO ₂ Thin Films Grown by Atomic Layer Deposition Using an Alkoxide or an Alkylamide. Chemistry of Materials, 2020, 32, 1393-1407. | 6.7 | 38 |
| 14 | Enhanced nanoscopy of individual CsPbBr3 perovskite nanocrystals using dielectric sub-micrometric antennas. APL Materials, 2020, 8, 021109. | 5.1 | 9 |
| 15 | Nano‣tructures and Nanomaterials Selfâ€Assembly. Physica Status Solidi (B): Basic Research, 2019, 256, 1900345. | 1.5 | 0 |
| 16 | Pore Size-Dependent Structure of Confined Water in Mesoporous Silica Films from Water Adsorption/Desorption Using ATR–FTIR Spectroscopy. Langmuir, 2019, 35, 11986-11994. | 3.5 | 38 |
| 17 | In-Depth Study of Coating Multimodal Porosity Using Ellipsometry Porosimetry in Desorption Scanning Mode. Journal of Physical Chemistry C, 2019, 123, 23464-23479. | 3.1 | 11 |
| 18 | Bimodal Porosity and Stability of a TiO2 Gig-Lox Sponge Infiltrated with Methyl-Ammonium Lead Iodide Perovskite. Nanomaterials, 2019, 9, 1300. | 4.1 | 7 |

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| 19 | Porous Gig-Lox TiO2 Doped with N2 at Room Temperature for P-Type Response to Ethanol. Chemosensors, 2019, 7, 12. | 3.6 | 4 |
| 20 | Large Scale Self-Organization of 2D Hexagonal Ge and Au Nanodots on Patterned TiO2 for Optoelectronic Applications. ACS Applied Nano Materials, 2019, 2, 2026-2035. | 5.0 | 8 |
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