Vincenzo Maiorano

List of Publications by Year
in descending order

21	309	933447 10	888059 17
papers	citations	h-index	g-index

21	21	21	513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuning of the Berry curvature in 2D perovskite polaritons. Nature Nanotechnology, 2021, 16, 1349-1354.	31.5	38
2	Simplified Allâ€Solidâ€State WO₃ Based Electrochromic Devices on Single Substrate: Toward Large Area, Low Voltage, High Contrast, and Fast Switching Dynamics. Advanced Materials Interfaces, 2020, 7, 1901663.	3.7	33
3	Observation of Two Thresholds Leading to Polariton Condensation in 2D Hybrid Perovskites. Advanced Optical Materials, 2020, 8, 2000176.	7.3	32
4	Analytical and preparative enantioseparation and main chiroptical properties of Iridium(III) bis(4,6-difluorophenylpyridinato)picolinato. Journal of Chromatography A, 2016, 1467, 335-346.	3.7	30
5	Fully integrated electrochromic-OLED devices for highly transparent smart glasses. Journal of Materials Chemistry C, 2018, 6, 7274-7284.	5.5	28
6	Improving the Propertyâ€“Function Tuning Range of Thiophene Materials via Facile Synthesis of Oligo/Polythiopheneâ€Sâ€Oxides and Mixed Oligo/Polythiopheneâ€Sâ€Oxides/Oligo/Polythiopheneâ€S,Sâ€Dioxides. Advanced Functional Materials, 2016, 26, 6970-6984.	14.9	25
7	Highly Efficient All-Solid-State WO₃-Perovskite Photovoltachromic Cells for Single-Glass Smart Windows. ACS Applied Energy Materials, 2020, 3, 10453-10462.	5.1	19
8	Large area self-powered semitransparent trifunctional device combining photovoltaic energy production, lighting and dynamic shading control. Solar Energy Materials and Solar Cells, 2017, 160, 435-443.	6.2	17
9	In-plane cost-effective magnetically actuated valve for microfluidic applications. Smart Materials and Structures, 2017, 26, 045033.	3.5	12
10	Thermomechanical and Morphological Studies of CFRP Tested in Different Environmental Conditions. Materials, 2019, 12, 63.	2.9	11
11	Low-cost gel polymeric electrolytes for electrochromic applications. Solar Energy Materials and Solar Cells, 2022, 240, 111657.	6.2	11
12	Plasmaâ€assisted deposition of iron oxide thin films for photoelectrochemical water splitting. Plasma Processes and Polymers, 2021, 18, .	3.0	9
13	Pseudocapacitive behaviour in sol-gel derived electrochromic titania nanostructures. Nanotechnology, 2021, 32, 045703.	2.6	8
14	Fabrication and biocompatibility analysis of flexible organic light emitting diodes on poly(lactic acid) substrates: toward the development of greener bioâ€electronic devices. Polymers for Advanced Technologies, 2022, 33, 1523-1532.	3.2	7
15	Very Long Operational Lifetime at High Initial Luminance of Deep Red Phosphorescent Organic Light-Emitting Diodes With Double Emission Layers. IEEE Photonics Technology Letters, 2008, 20, 2105-2107.	2.5	6
16	Exploiting Photo- and Electroluminescence Properties of FIrpic Organic Crystals. Inorganic Chemistry, 2016, 55, 6532-6538.	4.0	5
17	Highly Reflective Periodic Nanostructure Based on Thermal Evaporated Tungsten Oxide and Calcium Fluoride for Advanced Photonic Applications. ACS Applied Nano Materials, 2020, 3, 10978-10985.	5.0	5
18	Flexible distributed Bragg reflectors as optical outcouplers for OLEDs based on a polymeric anode. Journal of Information Display, 2021, 22, 39-47.	4.0	5

#	Article	IF	Citations
19	All Solidâ€State Flexible Electrochromicâ€Organic Lightâ€Emitting Diode Devices on Singleâ€Plastic Substrate for Seeâ€Through Display Technologies. Advanced Materials Technologies, 2021, 6, 2100289.	5.8	4
20	Nanostructuring Iridium Complexes into Crystalline Phosphorescent Nanoparticles: Structural Characterization, Photophysics, and Biological Applications. ACS Applied Bio Materials, 2019, 2, 4594-4603.	4.6	3
21	X-ray excited visible luminescence spectroscopy of organic materials using a portable optical spectrometer. Journal of Synchrotron Radiation, 2005, 12, 690-695.	2.4	1