Paolo Giusto

List of Publications by Year
in descending order

19	699	759233 12	888059 17
papers	citations	h-index	g-index

22	22	22	775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanofluidic Ion Transport and Energy Conversion through Ultrathin Freeâ€standing Polymeric Carbon Nitride Membranes. Angewandte Chemie - International Edition, 2018, 57, 10123-10126.	13.8	197
2	Label-Free Vapor Selectivity in Poly(p-Phenylene Oxide) Photonic Crystal Sensors. ACS Applied Materials & Interfaces, 2016, 8, 31941-31950.	8.0	93
3	Boron Carbon Nitride Thin Films: From Disordered to Ordered Conjugated Ternary Materials. Journal of the American Chemical Society, 2020, 142, 20883-20891.	13.7	58
4	Shine Bright Like a Diamond: New Light on an Old Polymeric Semiconductor. Advanced Materials, 2020, 32, e1908140.	21.0	57
5	Carbon Nitride Thin Films as All-In-One Technology for Photocatalysis. ACS Catalysis, 2021, 11, 11109-11116.	11.2	47
6	Engineering the Emission of Broadband 2D Perovskites by Polymer Distributed Bragg Reflectors. ACS Photonics, 2018, 5, 867-874.	6.6	38
7	Nanofluidic Ion Transport and Energy Conversion through Ultrathin Freeâ€standing Polymeric Carbon Nitride Membranes. Angewandte Chemie, 2018, 130, 10280-10283.	2.0	34
8	Colorimetric Detection of Perfluorinated Compounds by All-Polymer Photonic Transducers. ACS Omega, 2018, 3, 7517-7522.	3.5	31
9	Let a Hundred Polymers Bloom: Tunable Wetting of Photografted Polymer-Carbon Nitride Surfaces. Chemistry of Materials, 2020, 32, 7284-7291.	6.7	31
10	All-polymer methylammonium lead iodide perovskite microcavities. Nanoscale, 2019, 11, 8978-8983.	5.6	30
11	Light-driven directional ion transport for enhanced osmotic energy harvesting. National Science Review, 2021, 8, nwaa231.	9.5	24
12	Reversible morphology-resolved chemotactic actuation and motion of Janus emulsion droplets. Nature Communications, 2022, 13, 2562.	12.8	14
13	Preparation of hard carbon/carbon nitride nanocomposites by chemical vapor deposition to reveal the impact of open and closed porosity on sodium storage. Carbon, 2021, 185, 697-708.	10.3	13
14	Chemical Vapor Deposition of Highly Conjugated, Transparent Boron Carbon Nitride Thin Films. Advanced Science, 2021, 8, e2101602.	11.2	12
15	Visible-Light-Driven Photocatalytic Water Disinfection Toward Escherichia coli by Nanowired g-C3N4 Film. Frontiers in Nanotechnology, 2021, 3, .	4.8	8
16	Optical Anisotropy of Carbon Nitride Thin Films and Photografted Polystyrene Brushes. Advanced Optical Materials, 2022, 10, .	7.3	7
17	Carbon nitrideâ€coated transparent glass vials as photoinitiators for radical polymerization. Journal of Polymer Science, 2022, 60, 1827-1834.	3.8	5
18	Reshaping Hybrid Perovskites Emission with Flexible Polymer Microcavities. EPJ Web of Conferences, 2020, 230, 00006.	0.3	0

#	Article	IF	Citations
19	Red Carbon Thin Film: A Carbonâ€“Oxygen Semiconductor with Tunable Properties by Amine Vapors and Its Carbonization toward Carbon Thin Films. Advanced Materials Interfaces, 0, , 2200834.	3.7	0