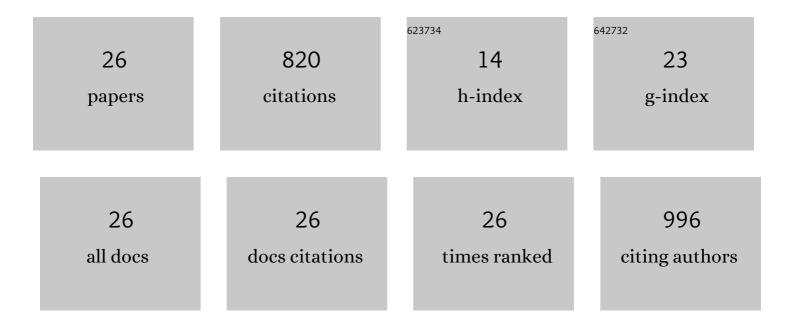
Marco Carlotti

List of Publications by Year in descending order

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ΜΑΡΟΟ ΟΑΡΙΟΤΤΙ

#	Article	IF	CITATIONS
1	Engineering Microneedle Patches for Improved Penetration: Analysis, Skin Models and Factors Affecting Needle Insertion. Nano-Micro Letters, 2021, 13, 93.	27.0	151
2	Functional Materials for Twoâ€Photon Polymerization in Microfabrication. Small, 2019, 15, e1902687.	10.0	141
3	Conformation-driven quantum interference effects mediated by through-space conjugation in self-assembled monolayers. Nature Communications, 2016, 7, 13904.	12.8	66
4	Quantum interference mediated vertical molecular tunneling transistors. Science Advances, 2018, 4, eaat8237.	10.3	64
5	Controlling destructive quantum interference in tunneling junctions comprising self-assembled monolayers <i>via</i> bond topology and functional groups. Chemical Science, 2018, 9, 4414-4423.	7.4	45
6	Twoâ€Terminal Molecular Memory through Reversible Switching of Quantum Interference Features in Tunneling Junctions. Angewandte Chemie - International Edition, 2018, 57, 15681-15685.	13.8	45
7	Enhancing optical efficiency of thin-film luminescent solar concentrators by combining energy transfer and stacked design. Journal of Luminescence, 2016, 171, 215-220.	3.1	41
8	Pronounced Environmental Effects on Injection Currents in EGaln Tunneling Junctions Comprising Self-Assembled Monolayers. Journal of Physical Chemistry C, 2016, 120, 20437-20445.	3.1	31
9	A fast and effective procedure for the optical efficiency determination of luminescent solar concentrators. Solar Energy, 2015, 119, 452-460.	6.1	29
10	Toward Mechanochromic Soft Materialâ€Based Visual Feedback for Electronicsâ€Free Surgical Effectors. Advanced Science, 2021, 8, e2100418.	11.2	23
11	Thermochromic polyethylene films doped with perylene chromophores: experimental evidence and methods for characterization of their phase behaviour. Polymer Chemistry, 2015, 6, 4003-4012.	3.9	22
12	Intermolecular Effects on Tunneling through Acenes in Large-Area and Single-Molecule Junctions. Journal of Physical Chemistry C, 2020, 124, 22776-22783.	3.1	20
13	Device-Compatible Chiroptical Surfaces through Self-Assembly of Enantiopure Allenes. Langmuir, 2018, 34, 4548-4553.	3.5	18
14	A Perspective on Cephalopods Mimicry and Bioinspired Technologies toward Proprioceptive Autonomous Soft Robots. Advanced Materials Technologies, 2021, 6, 2100437.	5.8	18
15	Systematic experimental study of quantum interference effects in anthraquinoid molecular wires. Nanoscale Advances, 2019, 1, 2018-2028.	4.6	16
16	High-Performance Luminescent Solar Concentrators Based on Poly(Cyclohexylmethacrylate) (PCHMA) Films. Polymers, 2020, 12, 2898.	4.5	14
17	Conformable on-skin devices for thermo-electro-tactile stimulation: materials, design, and fabrication. Materials Advances, 2021, 2, 1787-1820.	5.4	13
18	Novel, Highâ€Resolution, Subtractive Photoresist Formulations for 3D Direct Laser Writing Based on Cyclic Ketene Acetals. Advanced Materials Technologies, 2022, 7, .	5.8	12

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#	Article	IF	CITATIONS
19	Electrically-Conductive Polyketone Nanocomposites Based on Reduced Graphene Oxide. Polymers, 2020, 12, 923.	4.5	11
20	A Simple Approach for Flexible and Stretchable Anti-icing Lubricant-Infused Tape. ACS Applied Materials & Interfaces, 2021, 13, 45105-45115.	8.0	9
21	Direct laser writing of liquid crystal elastomers oriented by a horizontal electric field. Open Research Europe, 0, 1, 129.	2.0	8
22	Empirical Parameter to Compare Molecule–Electrode Interfaces in Large-Area Molecular Junctions. ACS Physical Chemistry Au, 2022, 2, 179-190.	4.0	8
23	Two-step MEMS microfabrication via 3D direct laser lithography. , 2021, , .		7
24	Mechanochromic LLDPE Films Doped with NIR Reflective Paliogen Black. Macromolecular Rapid Communications, 2021, 42, e2000426.	3.9	6
25	Twoâ€Terminal Molecular Memory through Reversible Switching of Quantum Interference Features in Tunneling Junctions. Angewandte Chemie, 2018, 130, 15907-15911.	2.0	2
26	Direct laser writing of liquid crystal elastomers oriented by a horizontal electric field. Open Research Europe, 0, 1, 129.	2.0	0