

Marco Carlotti

List of Publications by Year in descending order

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26
papers

820
citations

623734

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all docs

26
docs citations

26
times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	Empirical Parameter to Compare Moleculeâ€“Electrode Interfaces in Large-Area Molecular Junctions. ACS Physical Chemistry Au, 2022, 2, 179-190.	4.0	8
2	Novel, Highâ€“Resolution, Subtractive Photoresist Formulations for 3D Direct Laser Writing Based on Cyclic Ketene Acetals. Advanced Materials Technologies, 2022, 7, .	5.8	12
3	Mechanochromic LLDPE Films Doped with NIR Reflective Paliogen Black. Macromolecular Rapid Communications, 2021, 42, e2000426.	3.9	6
4	Engineering Microneedle Patches for Improved Penetration: Analysis, Skin Models and Factors Affecting Needle Insertion. Nano-Micro Letters, 2021, 13, 93.	27.0	151
5	Two-step MEMS microfabrication via 3D direct laser lithography. , 2021, , .		7
6	Toward Mechanochromic Soft Materialâ€“Based Visual Feedback for Electronicsâ€“Free Surgical Effectors. Advanced Science, 2021, 8, e2100418.	11.2	23
7	A Perspective on Cephalopods Mimicry and Bioinspired Technologies toward Proprioceptive Autonomous Soft Robots. Advanced Materials Technologies, 2021, 6, 2100437.	5.8	18
8	A Simple Approach for Flexible and Stretchable Anti-icing Lubricant-Infused Tape. ACS Applied Materials & Interfaces, 2021, 13, 45105-45115.	8.0	9
9	Conformable on-skin devices for thermo-electro-tactile stimulation: materials, design, and fabrication. Materials Advances, 2021, 2, 1787-1820.	5.4	13
10	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
11	High-Performance Luminescent Solar Concentrators Based on Poly(Cyclohexylmethacrylate) (PCHMA) Films. Polymers, 2020, 12, 2898.	4.5	14
12	Electrically-Conductive Polyketone Nanocomposites Based on Reduced Graphene Oxide. Polymers, 2020, 12, 923.	4.5	11
13	Functional Materials for Twoâ€“Photon Polymerization in Microfabrication. Small, 2019, 15, e1902687.	10.0	141
14	Systematic experimental study of quantum interference effects in anthraquinoid molecular wires. Nanoscale Advances, 2019, 1, 2018-2028.	4.6	16
15	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
16	Device-Compatible Chiroptical Surfaces through Self-Assembly of Enantiopure Allenes. Langmuir, 2018, 34, 4548-4553.	3.5	18
17	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
18	Twoâ€“Terminal Molecular Memory through Reversible Switching of Quantum Interference Features in Tunneling Junctions. Angewandte Chemie, 2018, 130, 15907-15911.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Quantum interference mediated vertical molecular tunneling transistors. <i>Science Advances</i> , 2018, 4, eaat8237.	10.3	64
20	Conformation-driven quantum interference effects mediated by through-space conjugation in self-assembled monolayers. <i>Nature Communications</i> , 2016, 7, 13904.	12.8	66
21	Pronounced Environmental Effects on Injection Currents in EGaln Tunneling Junctions Comprising Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20437-20445.	3.1	31
22	Enhancing optical efficiency of thin-film luminescent solar concentrators by combining energy transfer and stacked design. <i>Journal of Luminescence</i> , 2016, 171, 215-220.	3.1	41
23	A fast and effective procedure for the optical efficiency determination of luminescent solar concentrators. <i>Solar Energy</i> , 2015, 119, 452-460.	6.1	29
24	Thermochromic polyethylene films doped with perylene chromophores: experimental evidence and methods for characterization of their phase behaviour. <i>Polymer Chemistry</i> , 2015, 6, 4003-4012.	3.9	22
25	Direct laser writing of liquid crystal elastomers oriented by a horizontal electric field. <i>Open Research Europe</i> , 0, 1, 129.	2.0	0
26	Direct laser writing of liquid crystal elastomers oriented by a horizontal electric field. <i>Open Research Europe</i> , 0, 1, 129.	2.0	8