

Annalisa Chiappone

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,286
citations

20
h-index

34
g-index

57
ext. papers

1,674
ext. citations

6.5
avg, IF

4.92
L-index

#	Paper	IF	Citations
54	Microwave-assisted methacrylation of chitosan for 3D printable hydrogels in tissue engineering. <i>Materials Advances</i> , 2022 , 3, 514-525	3.3	1
53	DLP-printable fully biobased soybean oil composites. <i>Polymer</i> , 2022 , 247, 124779	3.9	4
52	Methacrylated Quinizarin Derivatives for Visible-Light Mediated Photopolymerization: Promising Applications in 3D-Printing Biosourced Materials under LED@405 nm. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 210-228	4.3	2
51	Current and emerging trends in polymeric 3D printed microfluidic devices. <i>Additive Manufacturing</i> , 2022 , 102867	6.1	1
50	3D printing of fully cellulose-based hydrogels by digital light processing. <i>Sustainable Materials and Technologies</i> , 2022 , e00444	5.3	0
49	From polysaccharides to UV-curable biorenewable organo/hydrogels for methylene blue removal. <i>Polymer</i> , 2021 , 235, 124257	3.9	1
48	3D-printed self-healing hydrogels via Digital Light Processing. <i>Nature Communications</i> , 2021 , 12, 2462	17.4	25
47	Photocurable β -D-glucan-derived hydrogel nanocomposites for adsorption of cationic contaminants. <i>Sustainable Materials and Technologies</i> , 2021 , 27, e00243	5.3	2
46	3D Printing of Cellulose Nanocrystal-Loaded Hydrogels through Rapid Fixation by Photopolymerization. <i>Langmuir</i> , 2021 , 37, 6451-6458	4	6
45	DLP 3D printing of shape memory polymers stabilized by thermoreversible hydrogen bonding interactions. <i>Applied Materials Today</i> , 2021 , 23, 101060	6.6	3
44	Functional 3D printing: Approaches and bioapplications. <i>Biosensors and Bioelectronics</i> , 2021 , 175, 112849	11.8	32
43	3D Printing of PDMS-Like Polymer Nanocomposites with Enhanced Thermal Conductivity: Boron Nitride Based Photocuring System. <i>Nanomaterials</i> , 2021 , 11,	5.4	17
42	Purpurin derivatives as visible-light photosensitizers for 3D printing and valuable biological applications. <i>Polymer Chemistry</i> , 2021 , 12, 2627-2642	4.9	7
41	Synthesis of β -cyclodextrin substituted bis(acyl)phosphane oxide derivative (BAPO- β CyD) serving as multiple photoinitiator and crosslinking agent. <i>Chemical Communications</i> , 2020 , 56, 4828-4831	5.8	5
40	Light Processable Starch Hydrogels. <i>Polymers</i> , 2020 , 12,	4.5	21
39	Photocurable chitosan as bioink for cellularized therapies towards personalized scaffold architecture. <i>Bioprinting</i> , 2020 , 18, e00082	7	36
38	A modular 3D printed lab-on-a-chip for early cancer detection. <i>Lab on A Chip</i> , 2020 , 20, 665-674	7.2	19

37	Multiacrylated Cyclodextrin: A Bio-Derived Photocurable Macromer for VAT 3D Printing. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 2000350	3.9	10
36	DLP 3D Printing Meets Lignocellulosic Biopolymers: Carboxymethyl Cellulose Inks for 3D Biocompatible Hydrogels. <i>Polymers</i> , 2020 , 12,	4.5	24
35	Fabrication and Functionalization of 3D Printed Polydimethylsiloxane-Based Microfluidic Devices Obtained through Digital Light Processing. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000374	6.8	14
34	Materials Testing for the Development of Biocompatible Devices through Vat-Polymerization 3D Printing. <i>Nanomaterials</i> , 2020 , 10,	5.4	20
33	CO2 permeability control in 3D printed light responsive structures. <i>Applied Materials Today</i> , 2020 , 18, 100470	6.6	13
32	Thiol-ene chemistry for 3D printing: exploiting an off-stoichiometric route for selective functionalization of 3D objects. <i>Polymer Chemistry</i> , 2019 , 10, 5950-5958	4.9	20
31	Gelatin Type A from Porcine Skin Used as Co-Initiator in a Radical Photo-Initiating System. <i>Polymers</i> , 2019 , 11,	4.5	4
30	Photoinduced chitosan-PEG hydrogels with long-term antibacterial properties. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6526-6538	7.3	19
29	Study on the Printability through Digital Light Processing Technique of Ionic Liquids for CO Capture. <i>Polymers</i> , 2019 , 11,	4.5	3
28	Performance comparison of hybrid resistive switching devices based on solution-processable nanocomposites. <i>Applied Surface Science</i> , 2018 , 443, 475-483	6.7	8
27	All-in-One Cellulose Nanocrystals for 3D Printing of Nanocomposite Hydrogels. <i>Angewandte Chemie</i> , 2018 , 130, 2377-2380	3.6	6
26	All-in-One Cellulose Nanocrystals for 3D Printing of Nanocomposite Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2353-2356	16.4	68
25	New Horizons in Cationic Photopolymerization. <i>Polymers</i> , 2018 , 10,	4.5	51
24	In situ generation of silver nanoparticles in PVDF for the development of resistive switching devices. <i>Applied Surface Science</i> , 2018 , 455, 418-424	6.7	12
23	Three-Dimensional Printed Photoluminescent Polymeric Waveguides. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39319-39326	9.5	24
22	WORM and bipolar inkjet printed resistive switching devices based on silver nanocomposites. <i>Flexible and Printed Electronics</i> , 2017 , 2, 024002	3.1	18
21	Polymeric 3D Printed Functional Microcantilevers for Biosensing Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 19193-19201	9.5	41
20	Study of graphene oxide-based 3D printable composites: Effect of the in situ reduction. <i>Composites Part B: Engineering</i> , 2017 , 124, 9-15	10	73

19	Resistive Switching in Polymer Nanocomposites by Matrix-Controlled in Situ Nanoparticles Generation. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 14285-14295	3.8	16
18	3D printable light-responsive polymers. <i>Materials Horizons</i> , 2017 , 4, 396-401	14.4	68
17	Development of 3D printable formulations containing CNT with enhanced electrical properties. <i>Polymer</i> , 2017 , 109, 246-253	3.9	101
16	Spin-coated silver nanocomposite resistive switching devices. <i>Microelectronic Engineering</i> , 2017 , 168, 27-31	2.5	26
15	3D Printed PEG-Based Hybrid Nanocomposites Obtained by Sol-Gel Technique. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 5627-33	9.5	59
14	Dual step irradiation process for in situ generation and patterning of silver nanoparticles in a photocured film. <i>RSC Advances</i> , 2016 , 6, 14832-14843	3.7	10
13	Silver nanoparticle ink technology: state of the art. <i>Nanotechnology, Science and Applications</i> , 2016 , 9, 1-13	3.9	100
12	3D Printing of Conductive Complex Structures with In Situ Generation of Silver Nanoparticles. <i>Advanced Materials</i> , 2016 , 28, 3712-7	24	142
11	3D Printing: 3D Printing of Conductive Complex Structures with In Situ Generation of Silver Nanoparticles (Adv. Mater. 19/2016). <i>Advanced Materials</i> , 2016 , 28, 3711	24	6
10	Ionic liquid-enhanced soft resistive switching devices. <i>RSC Advances</i> , 2016 , 6, 94128-94138	3.7	28
9	Self-standing polymer-functionalized reduced graphene oxide papers obtained via a UV-process. <i>RSC Advances</i> , 2015 , 5, 95805-95812	3.7	10
8	Study of benzophenone grafting on reduced graphene oxide by unconventional techniques. <i>New Journal of Chemistry</i> , 2015 , 39, 2966-2972	3.6	7
7	Study of Ink-Jet Printable Vinyl Ether-Graphene UV-Curable Formulations. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 340-345	3.9	16
6	Flexible and high performing polymer electrolytes obtained by UV-induced polymer/dellulose grafting. <i>RSC Advances</i> , 2014 , 4, 40873-40881	3.7	9
5	StructurePerformance Correlation of Nanocellulose-Based Polymer Electrolytes for Efficient Quasi-solid DSSCs. <i>ChemElectroChem</i> , 2014 , 1, 1241-1241	4.3	2
4	StructurePerformance Correlation of Nanocellulose-Based Polymer Electrolytes for Efficient Quasi-solid DSSCs. <i>ChemElectroChem</i> , 2014 , 1, 1350-1358	4.3	60
3	UV-Induced Radical Photo-Polymerization: A Smart Tool for Preparing Polymer Electrolyte Membranes for Energy Storage Devices. <i>Membranes</i> , 2012 , 2, 307-24	3.8	2
2	Single-Step 3D Printing of Silver-Patterned Polymeric Devices for Bacteria Proliferation Control. <i>Macromolecular Materials and Engineering</i> , 2100596	3.9	1

- 1 DLP 4D-Printing of Remotely, Modularly, and Selectively Controllable Shape Memory Polymer Nanocomposites Embedding Carbon Nanotubes. *Advanced Functional Materials*, 2106774 15.6 12