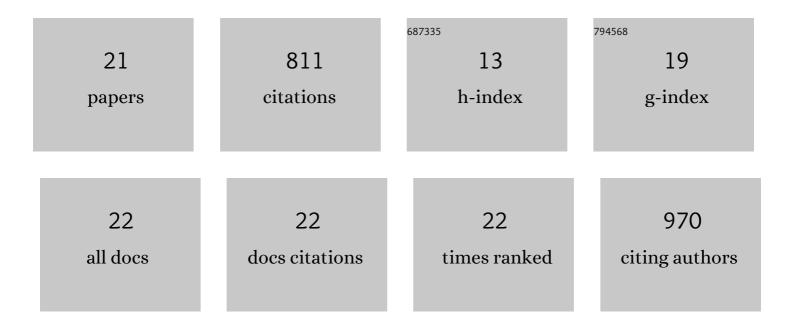
Valentina Sessini

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7757970/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Design of biodegradable blends based on PLA and PCL: From morphological, thermal and mechanical studies to shape memory behavior. Polymer Degradation and Stability, 2016, 132, 97-108.	5.8	222
2	Processing of edible films based on nanoreinforced gelatinized starch. Polymer Degradation and Stability, 2016, 132, 157-168.	5.8	88
3	Effect of the addition of polyester-grafted-cellulose nanocrystals on the shape memory properties of biodegradable PLA/PCL nanocomposites. Polymer Degradation and Stability, 2018, 152, 126-138.	5.8	81
4	Thermally-activated shape memory effect on biodegradable nanocomposites based on PLA/PCL blend reinforced with hydroxyapatite. Polymer Degradation and Stability, 2018, 151, 36-51.	5.8	62
5	Humidity-activated shape memory effect on plasticized starch-based biomaterials. Carbohydrate Polymers, 2018, 179, 93-99.	10.2	58
6	Biodegradable poly(ester-urethane) incorporated with catechin with shape memory and antioxidant activity for food packaging. European Polymer Journal, 2017, 94, 111-124.	5.4	49
7	Thermal and composting degradation of EVA/Thermoplastic starch blends and their nanocomposites. Polymer Degradation and Stability, 2019, 159, 184-198.	5.8	48
8	Multiresponsive Shape Memory Blends and Nanocomposites Based on Starch. ACS Applied Materials & Interfaces, 2016, 8, 19197-19201.	8.0	40
9	Bio-based polyether from limonene oxide catalytic ROP as green polymeric plasticizer for PLA. Polymer, 2020, 210, 123003.	3.8	27
10	Mechanical properties of l-lysine based segmented polyurethane vascular grafts and their shape memory potential. Materials Science and Engineering C, 2019, 102, 887-895.	7.3	22
11	Melt-processing of bionanocomposites based on ethylene-co-vinyl acetate and starch nanocrystals. Carbohydrate Polymers, 2019, 208, 382-390.	10.2	20
12	Humidityâ€Activated Shape Memory Effects on Thermoplastic Starch/EVA Blends and Their Compatibilized Nanocomposites. Macromolecular Chemistry and Physics, 2017, 218, 1700388.	2.2	19
13	Thermally activated shape memory behavior of copolymers based on ethylene reinforced with silica nanoparticles. Nanocomposites, 2018, 4, 19-35.	4.2	14
14	Sustainable pathway towards large scale melt processing of the new generation of renewable cellulose–polyamide composites. RSC Advances, 2021, 11, 637-656.	3.6	14
15	Solvent-Free Design of Biobased Non-isocyanate Polyurethanes with Ferroelectric Properties. ACS Sustainable Chemistry and Engineering, 2021, 9, 14946-14958.	6.7	11
16	Functional properties of photo-crosslinkable biodegradable polyurethane nanocomposites. Polymer Degradation and Stability, 2020, 178, 109204.	5.8	10
17	Sandwich-Type Composites Based on Smart Ionomeric Polymer and Electrospun Microfibers. Frontiers in Materials, 2019, 6, .	2.4	8
18	Wet Feeding Approach for Cellulosic Materials/PCL Biocomposites. ACS Symposium Series, 2018, , 209-226	0.5	6

#	Article	IF	CITATIONS
19	Polymerization of terpenes and terpenoids using metal catalysts. Advances in Organometallic Chemistry, 2021, , 55-93.	1.0	5
20	Smart Nanocellulose Composites With Shape-Memory Behavior. , 2016, , 277-312.		3
21	Nanocomposites based on ethylene vinyl acetate reinforced with different types of nanoparticles: potential applications. , 2021, , 357-377.		0