

# Martina Salzano de Luna

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,179  
citations

361045

20  
h-index

377514

34  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of nanoparticles on the morphology of immiscible polymer blends “ Challenges and opportunities. <i>European Polymer Journal</i> , 2016, 79, 198-218.	2.6	190
2	Optimization of dye adsorption capacity and mechanical strength of chitosan aerogels through crosslinking strategy and graphene oxide addition. <i>Carbohydrate Polymers</i> , 2019, 211, 195-203.	5.1	111
3	Chitosan hydrogels embedding hyper-crosslinked polymer particles as reusable broad-spectrum adsorbents for dye removal. <i>Carbohydrate Polymers</i> , 2017, 177, 347-354.	5.1	93
4	Nanocomposite polymeric materials with 3D graphene-based architectures: from design strategies to tailored properties and potential applications. <i>Progress in Polymer Science</i> , 2019, 89, 213-249.	11.8	82
5	A Unifying Approach for the Linear Viscoelasticity of Polymer Nanocomposites. <i>Macromolecules</i> , 2012, 45, 8853-8860.	2.2	69
6	Chitosan-based coatings for corrosion protection of copper-based alloys: A promising more sustainable approach for cultural heritage applications. <i>Progress in Organic Coatings</i> , 2018, 122, 138-146.	1.9	65
7	Long-Lasting Efficacy of Coatings for Bronze Artwork Conservation: The Key Role of Layered Double Hydroxide Nanocarriers in Protecting Corrosion Inhibitors from Photodegradation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7380-7384.	7.2	53
8	Light-responsive and self-healing behavior of azobenzene-based supramolecular hydrogels. <i>Journal of Colloid and Interface Science</i> , 2020, 568, 16-24.	5.0	38
9	On the acid-responsive release of benzotriazole from engineered mesoporous silica nanoparticles for corrosion protection of metal surfaces. <i>Journal of Cultural Heritage</i> , 2020, 44, 317-324.	1.5	34
10	Dispersing hydrophilic nanoparticles in hydrophobic polymers: HDPE/ZnO nanocomposites by a novel template-based approach. <i>EXPRESS Polymer Letters</i> , 2014, 8, 362-372.	1.1	31
11	Role of Diisocyanate Structure on Self-Healing and Anticorrosion Properties of Waterborne Polyurethane Coatings. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100117.	1.9	31
12	Assembly of plate-like nanoparticles in immiscible polymer blends “ effect of the presence of a preferred liquid-liquid interface. <i>Soft Matter</i> , 2014, 10, 3183.	1.2	30
13	Influence of silsesquioxane addition on polyurethane-based protective coatings for bronze surfaces. <i>Applied Surface Science</i> , 2019, 467-468, 912-925.	3.1	30
14	Recent Trends in Waterborne and Bio-Based Polyurethane Coatings for Corrosion Protection. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	29
15	Elasticity and structure of weak graphite nanoplatelet (GNP) networks in polymer matrices through viscoelastic analyses. <i>Polymer</i> , 2012, 53, 2699-2704.	1.8	28
16	Tailoring gas permeation and dielectric properties of bromobutyl rubber “ Graphene oxide nanocomposites by inducing an ordered nanofiller microstructure. <i>Composites Part B: Engineering</i> , 2017, 116, 361-368.	5.9	27
17	Mechanically Coherent Zeolite 13X/Chitosan Aerogel Beads for Effective CO <sub>2</sub> Capture. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 20728-20734.	4.0	27
18	Interfacial crowding of nanoplatelets in co-continuous polymer blends: assembly, elasticity and structure of the interfacial nanoparticle network. <i>Soft Matter</i> , 2017, 13, 6465-6473.	1.2	26

#	ARTICLE	IF	CITATIONS
19	Importance of the morphology and structure of the primary aggregates for the dispersibility of carbon nanotubes in polymer melts. <i>Composites Science and Technology</i> , 2013, 85, 17-22.	3.8	20
20	Role of polymer network and gelation kinetics on the mechanical properties and adsorption capacity of chitosan hydrogels for dye removal. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1843-1849.	2.4	20
21	High Silica Content Graphene/Natural Rubber Composites Prepared by a Wet Compounding and Latex Mixing Process. <i>Polymers</i> , 2020, 12, 2549.	2.0	20
22	Effect of silsesquioxane addition on the protective performance of fluoropolymer coatings for bronze surfaces. <i>Materials and Design</i> , 2019, 178, 107860.	3.3	19
23	Chitosan/Zelite Composite Aerogels for a Fast and Effective Removal of Both Anionic and Cationic Dyes from Water. <i>Polymers</i> , 2021, 13, 1691.	2.0	14
24	NIR light-triggered self-healing waterborne polyurethane coatings with polydopamine-coated reduced graphene oxide nanoparticles. <i>Progress in Organic Coatings</i> , 2021, 161, 106499.	1.9	13
25	The synergistic effect of an imidazolium salt and benzotriazole on the protection of bronze surfaces with chitosan-based coatings. <i>Heritage Science</i> , 2020, 8, .	1.0	12
26	Effect of carbonaceous fillers on adsorption behavior of multifunctional diatomite-based foams for wastewater treatment. <i>Chemosphere</i> , 2021, 281, 130999.	4.2	11
27	Surface investigation of naturally corroded gilded copper-based objects. <i>Applied Surface Science</i> , 2016, 387, 244-251.	3.1	10
28	Tailoring Chitosan/LTA Zeolite Hybrid Aerogels for Anionic and Cationic Dye Adsorption. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5535.	1.8	10
29	Effect of rheology evolution of a sustainable chemical grout, sodium-silicate based, for low pressure grouting in sensitive areas: Urbanized or historical sites. <i>Construction and Building Materials</i> , 2020, 230, 117055.	3.2	9
30	Upcycling soot particles into chitosan-based aerogels for water purification from organic pollutants. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100019.	2.0	9
31	Interfacially-Located Nanoparticles Anticipate the Onset of Co-Continuity in Immiscible Polymer Blends. <i>Polymers</i> , 2017, 9, 393.	2.0	4
32	Some Aspects of the Liquid Water Thermodynamic Behavior: From The Stable to the Deep Supercooled Regime. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7269.	1.8	4
33	Increasing Awareness of Materials and the Environment: Hands-On Outreach Activity Presenting Water Purification Materials and Concepts. <i>Journal of Chemical Education</i> , 2021, 98, 1296-1301.	1.1	4
34	Linear viscoelasticity of polymer-graphite nanoplatelets (GNPs) nanocomposites. , 2012, , .		1
35	Morphology stabilization of co-continuous polymer blends through clay nanoparticles. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
36	Chitosan-based hydrogel for dye removal from aqueous solutions: Optimization of the preparation procedure. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1

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37	Preparation optimization of chitosan/graphene oxide aerogels: Tailoring of dye adsorption ability and mechanical properties. AIP Conference Proceedings, 2018, , .	0.3	1
38	The Interplay between the Theories of Mode Coupling and of Percolation Transition in Attractive Colloidal Systems. International Journal of Molecular Sciences, 2022, 23, 5316.	1.8	1
39	Mechanical properties and reprocessability of Diels-Alder-based reversible networks from furan-modified resins. Journal of Applied Polymer Science, 2022, 139, .	1.3	1
40	Effect of the aggregate morphology on the dispersability of MWCNTs in polymer melts. , 2012, , .		0
41	Melt state dynamics of plate-like nanoparticles in immiscible polymer blends. , 2014, , .		0
42	Protection of bronze artefacts through polymeric coatings based on nanocarriers filled with corrosion inhibitors. AIP Conference Proceedings, 2016, , .	0.3	0
43	Controlling the assembly of graphene based nanosheets within a rubber matrix: Nanocomposite morphology probed by measuring gas permeation and dielectric properties. AIP Conference Proceedings, 2016, , .	0.3	0
44	Long-Lasting Efficacy of Coatings for Bronze Artwork Conservation: The Key Role of Layered Double Hydroxide Nanocarriers in Protecting Corrosion Inhibitors from Photodegradation. Angewandte Chemie, 2018, 130, 7502-7506.	1.6	0