

# Martina Salzano de Luna

## List of Publications by Year in descending order

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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	Recent Trends in Waterborne and Bio-Based Polyurethane Coatings for Corrosion Protection. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	29
2	The Interplay between the Theories of Mode Coupling and of Percolation Transition in Attractive Colloidal Systems. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5316.	1.8	1
3	Mechanical properties and reprocessability of Diels-Alder-based reversible networks from furan-modified resins. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	1
4	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
5	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
6	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
7	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
8	Chitosan/Zeolite 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
9	Effect of carbonaceous fillers on adsorption behavior of multifunctional diatomite-based foams for wastewater treatment. <i>Chemosphere</i> , 2021, 281, 130999.	4.2	11
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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</i> , 2018, 130, 7502-7506.	1.6	0
24	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
25	Preparation optimization of chitosan/graphene oxide aerogels: Tailoring of dye adsorption ability and mechanical properties. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
26	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
27	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
28	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
29	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
30	Interfacially-Located Nanoparticles Anticipate the Onset of Co-Continuity in Immiscible Polymer Blends. <i>Polymers</i> , 2017, 9, 393.	2.0	4
31	Morphology stabilization of co-continuous polymer blends through clay nanoparticles. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
32	Chitosan-based hydrogel for dye removal from aqueous solutions: Optimization of the preparation procedure. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
33	Protection of bronze artefacts through polymeric coatings based on nanocarriers filled with corrosion inhibitors. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
34	Controlling the assembly of graphene based nanosheets within a rubber matrix: Nanocomposite morphology probed by measuring gas permeation and dielectric properties. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
35	Surface investigation of naturally corroded gilded copper-based objects. <i>Applied Surface Science</i> , 2016, 387, 244-251.	3.1	10
36	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

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37	Dispersing hydrophilic nanoparticles in hydrophobic polymers: HDPE/ZnO nanocomposites by a novel template-based approach. EXPRESS Polymer Letters, 2014, 8, 362-372.	1.1	31
38	Melt state dynamics of plate-like nanoparticles in immiscible polymer blends. , 2014, , .		0
39	Assembly of plate-like nanoparticles in immiscible polymer blends " effect of the presence of a preferred liquid-liquid interface. Soft Matter, 2014, 10, 3183.	1.2	30
40	Importance of the morphology and structure of the primary aggregates for the dispersibility of carbon nanotubes in polymer melts. Composites Science and Technology, 2013, 85, 17-22.	3.8	20
41	Linear viscoelasticity of polymer-graphite nanoplatelets (GNPs) nanocomposites. , 2012, , .		1
42	Effect of the aggregate morphology on the dispersability of MWCNTs in polymer melts. , 2012, , .		0
43	A Unifying Approach for the Linear Viscoelasticity of Polymer Nanocomposites. Macromolecules, 2012, 45, 8853-8860.	2.2	69
44	Elasticity and structure of weak graphite nanoplatelet (GNP) networks in polymer matrices through viscoelastic analyses. Polymer, 2012, 53, 2699-2704.	1.8	28