# Grazia Totaro

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5931405/publications.pdf

Version: 2024-02-01

| 40 | 972 | 394421 | 477307 |
|---|---|---|---|
| papers | citations | 19 h-index | 29 g-index |

| 41 | 41 | 41 | 1195 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Durability of biopolymeric composites formulated with fillers from a byâ€product of coffee roasting. Polymer Composites, 2022, 43, 1485-1493. | 4.6 | 7 |
| 2 | Current Advances in the Sustainable Conversion of 5â€Hydroxymethylfurfural into 2,5â€Furandicarboxylic Acid. ChemSusChem, 2022, 15, . | 6.8 | 35 |
| 3 | Enzymatic Degradation of the Most Common Aliphatic Bio-Polyesters and Evaluation of the Mechanisms Involved: An Extended Study. Polymers, 2022, 14, 1850. | 4.5 | 32 |
| 4 | Bio-Based Furan-Polyesters/Graphene Nanocomposites Prepared by In Situ Polymerization. Polymers, 2021, 13, 1377. | 4.5 | 3 |
| 5 | Alkali-Activated Mortars Modified by Epoxy-Carbon Fiber Composites Wastes. Applied Sciences (Switzerland), 2021, 11, 6110. | 2.5 | 2 |
| 6 | Monomers, Materials and Energy from Coffee By-Products: A Review. Sustainability, 2021, 13, 6921. | 3.2 | 20 |
| 7 | End of Life of Biodegradable Plastics: Composting versus Re/Upcycling. ChemSusChem, 2021, 14, 4167-4175. | 6.8 | 49 |
| 8 | Valorization of wheat bran agro-industrial byproduct as an upgrading filler for mycelium-based composite materials. Industrial Crops and Products, 2021, 170, 113742. | 5.2 | 21 |
| 9 | Geopolymers Reinforced with Natural Fibers: A Comparison among Different Sources. Applied Sciences (Switzerland), 2021, 11, 11026. | 2.5 | 8 |
| 10 | Elastomeric/antibacterial properties in novel random Ricinus communis based-copolyesters. Polymer Testing, 2020, 90, 106719. | 4.8 | 4 |
| 11 | Chain extender effect of 3-(4-hydroxyphenyl)propionic acid/layered double hydroxide in biopolyesters containing the succinate moiety. New Journal of Chemistry, 2020, 44, 10127-10136. | 2.8 | 3 |
| 12 | Organo-modified LDH fillers endowing multi-functionality to bio-based poly(butylene succinate): An extended study from the laboratory to possible market. Applied Clay Science, 2020, 188, 105502. | 5.2 | 21 |
| 13 | Formulation of Green Particulate Composites from PLA and PBS Matrix and Wastes Deriving from the Coffee Production. Journal of Polymers and the Environment, 2019, 27, 1488-1496. | 5.0 | 37 |
| 14 | Olive Mill Wastewater Valorization in Multifunctional Biopolymer Composites for Antibacterial Packaging Application. International Journal of Molecular Sciences, 2019, 20, 2376. | 4.1 | 10 |
| 15 | A new valorization route for Olive Mill wastewater: Improvement of durability of PP and PBS composites through multifunctional hybrid systems. Journal of Environmental Chemical Engineering, 2019, 7, 103026. | 6.7 | 12 |
| 16 | Outstanding chain-extension effect and high UV resistance of polybutylene succinate containing amino-acid-modified layered double hydroxides. Beilstein Journal of Nanotechnology, 2019, 10, 684-695. | 2.8 | 10 |
| 17 | Dual chain extension effect and antibacterial properties of biomolecules interleaved within LDH dispersed into PBS by in situ polymerization. Dalton Transactions, 2018, 47, 3155-3165. | 3.3 | 21 |
| 18 | A new route of valorization of rice endosperm by-product: Production of polymeric biocomposites. Composites Part B: Engineering, 2018, 139, 195-202. | 12.0 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Biobased Vanillic Acid and Ricinoleic Acid: Building Blocks for Fully Renewable Copolyesters. Journal of Renewable Materials, 2018, 6, 126-135. | 2.2 | 32 |
| 20 | Composites for Â« white and green Â» solutions: Coupling UV resistance and chain extension effect from poly(butylene succinate) and layered double hydroxides composites. Journal of Solid State Chemistry, 2018, 268, 9-15. | 2.9 | 9 |
| 21 | Enzymatically treated curaua fibers in poly(butylene succinate)-based biocomposites. Journal of Environmental Chemical Engineering, 2018, 6, 4452-4458. | 6.7 | 20 |
| 22 | Bio-Based PA11/Graphene Nanocomposites Prepared by In Situ Polymerization. Journal of Nanoscience and Nanotechnology, 2018, 18, 1169-1175. | 0.9 | 16 |
| 23 | Chain extender effect of 3-(4-hydroxyphenyl)propionic acid/layered double hydroxide in PBS bionanocomposites. European Polymer Journal, 2017, 94, 20-32. | 5.4 | 15 |
| 24 | Marinobacter sp. from marine sediments produce highly stable surface-active agents for combatting marine oil spills. Microbial Cell Factories, 2017, 16, 186. | 4.0 | 32 |
| 25 | Ski Boot Soles Based on a Glass Fiber/Rubber Composite with Improved Grip on Icy Surfaces. Procedia Engineering, 2016, 147, 372-377. | 1.2 | 7 |
| 26 | Photodegradation of TiO2 composites based on polyesters. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 321, 275-283. | 3.9 | 11 |
| 27 | Evaluation of the retting process as a pre-treatment of vegetable fibers for the preparation of high-performance polymer biocomposites. Industrial Crops and Products, 2016, 81, 56-65. | 5.2 | 55 |
| 28 | Multicomponent reinforcing system for poly(butylene succinate): Composites containing poly(l-lactide) electrospun mats loaded with graphene. Polymer Testing, 2016, 50, 283-291. | 4.8 | 35 |
| 29 | The development of antibacterial and hydrophobic functionalities in natural fibers for fiber-reinforced composite materials. Journal of Environmental Chemical Engineering, 2016, 4, 1743-1752. | 6.7 | 25 |
| 30 | Poly(butylene succinate) bionanocomposites: a novel bio-organo-modified layered double hydroxide for superior mechanical properties. RSC Advances, 2016, 6, 4780-4791. | 3.6 | 27 |
| 31 | Electrospun Fibers Containing Bioâ€Based Ricinoleic Acid: Effect of Amount and Distribution of Ricinoleic Acid Unit on Antibacterial Properties. Macromolecular Materials and Engineering, 2015, 300, 1085-1095. | 3.6 | 8 |
| 32 | Use of ionic liquids based on phosphonium salts for preparing biocomposites by in situ polymerization. Journal of Applied Polymer Science, 2015, 132, . | 2.6 | 10 |
| 33 | Biowaste biorefinery in Europe: opportunities and research & development needs. New Biotechnology, 2015, 32, 100-108. | 4.4 | 162 |
| 34 | Synthesis of castor oil-derived polyesters with antimicrobial activity. European Polymer Journal, 2014, 56, 174-184. | 5.4 | 53 |
| 35 | Ageing of PCCD aliphatic polyesters: Effect of stereochemistry and ionic chain terminals. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 292, 42-48. | 3.9 | 6 |
| 36 | X-ray diffraction and rheology cross-study of polymer chain penetrating surfactant tethered layered double hydroxide resulting into intermixed structure with polypropylene, poly(butylene)succinate and poly(dimethyl)siloxane. Applied Clay Science, 2014, 100, 102-111. | 5.2 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Effect of 1,4â€cyclohexylene units on thermal properties of poly(1,4â€cyclohexylenedimethylene adipate) and similar aliphatic polyesters. Polymer International, 2013, 62, 1210-1217. | 3.1 | 30 |
| 38 | Poly(butylene succinate)/layered double hydroxide bionanocomposites: Relationships between chemical structure of LDH anion, delamination strategy, and final properties. Journal of Applied Polymer Science, 2013, 130, 1931-1940. | 2.6 | 25 |
| 39 | TiO2 deposition on the surface of activated fluoropolymer substrate. Thin Solid Films, 2012, 520, 2824-2828. | 1.8 | 15 |
| 40 | Antibacterial coatings on poly(fluoroethylenepropylene) films via grafting of 3-hexadecyl-1-vinylimidazolium bromide. Progress in Organic Coatings, 2012, 73, 257-263. | 3.9 | 14 |