

Marco Aldo Ortenzi

List of Publications by Year in descending order

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430874

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345221

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docs citations

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times ranked

2144
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Laundering of face masks represents an additional source of synthetic and natural microfibers to aquatic ecosystems. <i>Science of the Total Environment</i> , 2022, 806, 150495. | 8.0 | 16 |
| 2 | Polyhydroxylated Nanosized Graphite as Multifunctional Building Block for Polyurethanes. <i>Polymers</i> , 2022, 14, 1159. | 4.5 | 1 |
| 3 | DOX mediated synthesis of PLA-co-PS graft copolymers with matrix-driven self-assembly in PLA-based blends. <i>European Polymer Journal</i> , 2022, 170, 111157. | 5.4 | 3 |
| 4 | Synthesis of Fluorine-Containing, UV-Responsive PLA-Based Materials by Means of Functionalized DOX Monomer. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, . | 2.2 | 2 |
| 5 | Pectin-Based Formulations for Controlled Release of an Ellagic Acid Salt with High Solubility Profile in Physiological Media. <i>Molecules</i> , 2021, 26, 433. | 3.8 | 8 |
| 6 | Role of Doping Agent Degree of Sulfonation and Casting Solvent on the Electrical Conductivity and Morphology of PEDOT:SPAES Thin Films. <i>Polymers</i> , 2021, 13, 658. | 4.5 | 4 |
| 7 | Design of New Polyacrylate Microcapsules to Modify the Water-Soluble Active Substances Release. <i>Polymers</i> , 2021, 13, 809. | 4.5 | 6 |
| 8 | Stable Coloured Micrometric Films from Highly Concentrated Nano-Silver Sols: The Role of the Stabilizing Agents. <i>Nanomaterials</i> , 2021, 11, 980. | 4.1 | 1 |
| 9 | Dietary exposure to polyethylene terephthalate microplastics (PET-MPs) induces faster growth but not oxidative stress in the giant snail <i>Achatina reticulata</i> . <i>Chemosphere</i> , 2021, 270, 129430. | 8.2 | 18 |
| 10 | Calcitic-based stones protection by a low-fluorine modified methacrylic coating. <i>Environmental Science and Pollution Research</i> , 2021, , 1. | 5.3 | 2 |
| 11 | Biological Effects of Air Pollution on Sensitive Bioindicators: A Case Study from Milan, Italy. <i>Urban Science</i> , 2021, 5, 64. | 2.3 | 0 |
| 12 | Emerging use of thermal analysis in the assessment of micro(nano)plastics exposure. <i>Current Opinion in Toxicology</i> , 2021, 28, 38-42. | 5.0 | 2 |
| 13 | Macroplastics contamination on glaciers from Italian Central-Western Alps. <i>Environmental Advances</i> , 2021, 5, 100084. | 4.8 | 15 |
| 14 | Yield stress "in a flash" investigation of nonlinearity and yielding in soft materials with an optofluidic microrheometer. <i>Soft Matter</i> , 2021, 17, 3105-3112. | 2.7 | 4 |
| 15 | Tunable Linear and Nonlinear Optical Properties from Room Temperature Phosphorescent Cyclic Triimidazole-Pyrene Bio-Probe. <i>Chemistry - A European Journal</i> , 2021, 27, 16690-16700. | 3.3 | 13 |
| 16 | Fast Production of Cellulose Nanocrystals by Hydrolytic-Oxidative Microwave-Assisted Treatment. <i>Polymers</i> , 2020, 12, 68. | 4.5 | 20 |
| 17 | Carvacrol- and Cardanol-Containing 1,3-Dioxolan-4-ones as Comonomers for the Synthesis of Functional Poly lactide-Based Materials. <i>Macromolecules</i> , 2020, 53, 6420-6431. | 4.8 | 8 |
| 18 | 1,3-Dioxolan-4-Ones as Promising Monomers for Aliphatic Polyesters: Metal-Free, in Bulk Preparation of PLA. <i>Polymers</i> , 2020, 12, 2396. | 4.5 | 3 |

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|----|--|------|-----------|
| 19 | Reply to "Comment on Casiraghi et al. "Mucoadhesive Budesonide Formulation for the Treatment of Eosinophilic Esophagitis"™ 2020, 12, 211" Pharmaceuticals, 2020, 12, 822. | 4.5 | 1 |
| 20 | Implementation of High Gas Barrier Laminated Films Based on Cellulose Nanocrystals for Food Flexible Packaging. Applied Sciences (Switzerland), 2020, 10, 3201. | 2.5 | 12 |
| 21 | Oxidative stress-related effects induced by micronized polyethylene terephthalate microparticles in the Manila clam. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2020, 83, 168-179. | 2.3 | 27 |
| 22 | Mucoadhesive Budesonide Formulation for the Treatment of Eosinophilic Esophagitis. Pharmaceuticals, 2020, 12, 211. | 4.5 | 11 |
| 23 | Design of pressure-sensitive adhesive suitable for the preparation of transdermal patches by hot-melt printing. International Journal of Pharmaceutics, 2020, 586, 119607. | 5.2 | 17 |
| 24 | Interactive effects between sinking polyethylene terephthalate (PET) microplastics deriving from water bottles and a benthic grazer. Journal of Hazardous Materials, 2020, 398, 122848. | 12.4 | 31 |
| 25 | PA6 and Halloysite Nanotubes Composites with Improved Hydrothermal Ageing Resistance: Role of Filler Physicochemical Properties, Functionalization and Dispersion Technique. Polymers, 2020, 12, 211. | 4.5 | 19 |
| 26 | Synthesis of Polylactic Acid Initiated through Biobased Antioxidants: Towards Intrinsically Active Food Packaging. Polymers, 2020, 12, 1183. | 4.5 | 12 |
| 27 | Towards Novel Fluorinated Methacrylic Coatings for Cultural Heritage: A Combined Polymers and Surfaces Chemistry Study. Polymers, 2019, 11, 1190. | 4.5 | 16 |
| 28 | Does mechanical stress cause microplastic release from plastic water bottles?. Water Research, 2019, 166, 115082. | 11.3 | 167 |
| 29 | Polystyrene microplastics ingestion induced behavioral effects to the cladoceran Daphnia magna. Chemosphere, 2019, 231, 423-431. | 8.2 | 108 |
| 30 | Stearyl methacrylate co-polymers: Towards new polymer coatings for mortars protection. Applied Surface Science, 2019, 488, 213-220. | 6.1 | 18 |
| 31 | CO2 capture and sequestration in stable Ca-oxalate, via Ca-ascorbate promoted green reaction. Science of the Total Environment, 2019, 666, 1232-1244. | 8.0 | 15 |
| 32 | Eugenol-grafted aliphatic polyesters: Towards inherently antimicrobial PLA-based materials exploiting OCAs chemistry. European Polymer Journal, 2019, 114, 369-379. | 5.4 | 19 |
| 33 | Chlorine Dioxide Degradation Issues on Metal and Plastic Water Pipes Tested in Parallel in a Semi-Closed System. International Journal of Environmental Research and Public Health, 2019, 16, 4582. | 2.6 | 24 |
| 34 | Cellulose nanofibrils as reinforcing agents for PLA-based nanocomposites: An in situ approach. Composites Science and Technology, 2019, 171, 94-102. | 7.8 | 64 |
| 35 | Calcium oxalate crystallization for a non-conventional CO2 storage method. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e247-e247. | 0.1 | 0 |
| 36 | Fluorinated Polyacrylic Resins for the Protection of Cultural Heritages: The Effect of Fluorine on Hydrophobic Properties and Photochemical Stability. Chemistry Letters, 2018, 47, 280-283. | 1.3 | 14 |

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|----|---|-----|-----------|
| 37 | Protective features, durability and biodegradation study of acrylic and methacrylic fluorinated polymer coatings for marble protection. <i>Progress in Organic Coatings</i> , 2018, 114, 47-57. | 3.9 | 41 |
| 38 | Crystal chemistry and temperature behavior of the natural hydrous borate colemanite, a mineral commodity of boron. <i>Physics and Chemistry of Minerals</i> , 2018, 45, 405-422. | 0.8 | 17 |
| 39 | TiO ₂ -SiO ₂ -PMMA Terpolymer Floating Device for the Photocatalytic Remediation of Water and Gas Phase Pollutants. <i>Catalysts</i> , 2018, 8, 568. | 3.5 | 7 |
| 40 | Poly(Phenylene Methylene): A Multifunctional Material for Thermally Stable, Hydrophobic, Fluorescent, Corrosion-Protective Coatings. <i>Coatings</i> , 2018, 8, 274. | 2.6 | 12 |
| 41 | One-Pot Synthesis of Sustainable High-Performance Thermoset by Exploiting Eugenol Functionalized 1,3-Dioxolan-4-one. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15201-15211. | 6.7 | 31 |
| 42 | Personalized orodispersible films by hot melt ram extrusion 3D printing. <i>International Journal of Pharmaceutics</i> , 2018, 551, 52-59. | 5.2 | 81 |
| 43 | Electrodes modified with poly(3,4-Ethylenedioxythiophene) doped with sulfonated polyarylethersulfones: Towards new conducting polymers. <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 0 |
| 44 | A Combined XRD, Solvatochromic, and Cyclic Voltammetric Study of Poly (3,4-Ethylenedioxythiophene) Doped with Sulfonated Polyarylethersulfones: Towards New Conducting Polymers. <i>Polymers</i> , 2018, 10, 770. | 4.5 | 8 |
| 45 | Comparison of Branched and Linear Perfluoropolyether Chains Functionalization on Hydrophobic, Morphological and Conductive Properties of Multi-Walled Carbon Nanotubes. <i>Nanomaterials</i> , 2018, 8, 176. | 4.1 | 5 |
| 46 | Industrial Development of a 3D-Printed Nutraceutical Delivery Platform in the Form of a Multicompartment HPC Capsule. <i>AAPS PharmSciTech</i> , 2018, 19, 3343-3354. | 3.3 | 49 |
| 47 | Modified Î±,Î±-trehalose and D-glucose: green monomers for the synthesis of vinyl copolymers. <i>Royal Society Open Science</i> , 2018, 5, 171313. | 2.4 | 4 |
| 48 | Conductive inks based on methacrylate end-capped poly(3,4-ethylenedioxythiophene) for printed and flexible electronics. <i>Polymer Engineering and Science</i> , 2017, 57, 491-501. | 3.1 | 6 |
| 49 | Combining control of branching and sulfonation in one-pot synthesis of random sulfonated polyarylethersulfones: effects on thermal stability and water retention. <i>Polymer Bulletin</i> , 2017, 74, 3939-3954. | 3.3 | 5 |
| 50 | Cellulose Nanocrystals from Lignocellulosic Raw Materials, for Oxygen Barrier Coatings on Food Packaging Films. <i>Packaging Technology and Science</i> , 2017, 30, 645-661. | 2.8 | 29 |
| 51 | Novel Synthetic Approach to Tune the Surface Properties of Polymeric Films: Ionic Exchange Reaction between Sulfonated Polyarylethersulfones and Ionic Liquids. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 296-309. | 1.9 | 8 |
| 52 | The Case of 4-Vinyl-1,3-dioxolane-2-one: Determination of Its Pseudo-Living Behavior and Preparation of Allyl Carbonate-Styrene Copolymers. <i>ChemistrySelect</i> , 2017, 2, 10748-10753. | 1.5 | 5 |
| 53 | One-pot oligoamides syntheses from L-lysine and L-tartaric acid. <i>RSC Advances</i> , 2017, 7, 12054-12062. | 3.6 | 11 |
| 54 | Polylactide/cellulose nanocrystals: The in situ polymerization approach to improved nanocomposites. <i>European Polymer Journal</i> , 2017, 94, 173-184. | 5.4 | 36 |

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|----|---|-----|-----------|
| 55 | The Effect of Moisture on Cellulose Nanocrystals Intended as a High Gas Barrier Coating on Flexible Packaging Materials. <i>Polymers</i> , 2017, 9, 415. | 4.5 | 31 |
| 56 | Functional end-capped conducting poly (3,4-ethylenedioxythiophene). <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 1 |
| 57 | In situ film forming fibroin gel intended for cutaneous administration. <i>International Journal of Pharmaceutics</i> , 2016, 511, 296-302. | 5.2 | 7 |
| 58 | Homogeneous synthesis and characterization of sulfonated polyarylethersulfones having low degree of sulfonation and highly hydrophilic behavior. <i>Macromolecular Research</i> , 2016, 24, 800-810. | 2.4 | 15 |
| 59 | Powering tyrosol antioxidant capacity and osteogenic activity by biocatalytic polymerization. <i>RSC Advances</i> , 2016, 6, 2993-3002. | 3.6 | 10 |
| 60 | Comparison of cellulose nanocrystals obtained by sulfuric acid hydrolysis and ammonium persulfate, to be used as coating on flexible food-packaging materials. <i>Cellulose</i> , 2016, 23, 779-793. | 4.9 | 154 |
| 61 | Electrodes modified with sulphonated poly(aryl ether sulphone): effect of casting conditions on their enhanced electroanalytical performance.. <i>Electrochimica Acta</i> , 2016, 194, 405-412. | 5.2 | 9 |
| 62 | The Use of Epoxy Silanes on Montmorillonite: An Effective Way to Improve Thermal and Rheological Properties of PLA/MMT Nanocomposites Obtained via <i>in Situ</i> Polymerization. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-16. | 2.7 | 7 |
| 63 | Double side self-cleaning polymeric materials: The hydrophobic and photoactive approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 483, 285-291. | 4.7 | 17 |
| 64 | Evaluation of crystallinity and gas barrier properties of films obtained from PLA nanocomposites synthesized via <i>in situ</i> polymerization of L-lactide with silane-modified nanosilica and montmorillonite. <i>European Polymer Journal</i> , 2015, 66, 478-491. | 5.4 | 60 |
| 65 | Bio-based polyamide 11: Synthesis, rheology and solid-state properties of star structures. <i>European Polymer Journal</i> , 2014, 59, 69-77. | 5.4 | 77 |
| 66 | Synthesis and characterization of PLA nanocomposites containing nanosilica modified with different organosilanes I. Effect of the organosilanes on the properties of nanocomposites: Macromolecular, morphological, and rheologic characterization. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1575-1582. | 2.6 | 4 |
| 67 | Easily available, low cost 19F MRI agents: Poly(ethylene-glycol)-functionalized fluorinated ethers. <i>Journal of Fluorine Chemistry</i> , 2013, 153, 172-177. | 1.7 | 5 |
| 68 | Synthesis and characterization of PLA nanocomposites containing nanosilica modified with different organosilanes II: Effect of the organosilanes on the properties of nanocomposites: Thermal characterization. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3057-3063. | 2.6 | 34 |
| 69 | Poly(ethylene-glycol)-based fluorinated esters: a readily available entry for novel 19F-MRI agents. <i>Tetrahedron Letters</i> , 2011, 52, 6581-6583. | 1.4 | 11 |