# Manuela Curcio

List of Publications by Year
in descending order



| 84 | 3,650 | 136740 | 138251 |
|---|---|---|---|
| papers | citations | 32 h-index | 58 g-index |

| 87 | 87 | 87 | 4846 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Curcumin and Graphene Oxide Incorporated into Alginate Hydrogels as Versatile Devices for the Local Treatment of Squamous Cell Carcinoma. Materials, 2022, 15, 1648. | 1.3 | 9 |
| 2 | Smart Lipidâ€“Polysaccharide Nanoparticles for Targeted Delivery of Doxorubicin to Breast Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 2386. | 1.8 | 10 |
| 3 | Encapsulation of Alpha-Lipoic Acid in Functional Hybrid Liposomes: Promising Tool for the Reduction of Cisplatin-Induced Ototoxicity. Pharmaceuticals, 2022, 15, 394. | 1.7 | 7 |
| 4 | GO-SWCNT Buckypapers as an Enhanced Technology for Water Decontamination from Lead. Molecules, 2022, 27, 4044. | 1.7 | 5 |
| 5 | Dual-Targeted Hyaluronic Acid/Albumin Micelle-Like Nanoparticles for the Vectorization of Doxorubicin. Pharmaceutics, 2021, 13, 304. | 2.0 | 28 |
| 6 | Alginate Bioconjugate and Graphene Oxide in Multifunctional Hydrogels for Versatile Biomedical Applications. Molecules, 2021, 26, 1355. | 1.7 | 14 |
| 7 | Combining Dextran Conjugates with Stimuli-Responsive and Folate-Targeting Activity: A New Class of Multifunctional Nanoparticles for Cancer Therapy. Nanomaterials, 2021, 11, 1108. | 1.9 | 11 |
| 8 | Dextran-Curcumin Nanosystems Inhibit Cell Growth and Migration Regulating the Epithelial to Mesenchymal Transition in Prostate Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 7013. | 1.8 | 10 |
| 9 | Polymeric Biomaterials for the Treatment of Cardiac Post-Infarction Injuries. Pharmaceutics, 2021, 13, 1038. | 2.0 | 14 |
| 10 | Carbon Nanohorns as Effective Nanotherapeutics in Cancer Therapy. Journal of Carbon Research, 2021, 7, 3. | 1.4 | 10 |
| 11 | Carbon Nanotubes Hybrid Hydrogels for Environmental Remediation: Evaluation of Adsorption Efficiency under Electric Field. Molecules, 2021, 26, 7001. | 1.7 | 5 |
| 12 | Self-assembling Dextran prodrug for redox- and pH-responsive co-delivery of therapeutics in cancer cells. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110537. | 2.5 | 26 |
| 13 | Dextran-Curcumin Nanoparticles as a Methotrexate Delivery Vehicle: A Step Forward in Breast Cancer Combination Therapy. Pharmaceuticals, 2020, 13, 2. | 1.7 | 33 |
| 14 | Natural Polysaccharide Carriers in Brain Delivery: Challenge and Perspective. Pharmaceutics, 2020, 12, 1183. | 2.0 | 19 |
| 15 | Functionalized Carbon Nanostructures Versus Drug Resistance: Promising Scenarios in Cancer Treatment. Molecules, 2020, 25, 2102. | 1.7 | 13 |
| 16 | Functional Albumin Nanoformulations to Fight Adrenocortical Carcinoma: a Redox-Responsive Approach. Pharmaceutical Research, 2020, 37, 55. | 1.7 | 4 |
| 17 | Combining Carbon Nanotubes and Chitosan for the Vectorization of Methotrexate to Lung Cancer Cells. Materials, 2019, 12, 2889. | 1.3 | 53 |
| 18 | Injectable Hydrogels for Cancer Therapy over the Last Decade. Pharmaceutics, 2019, 11, 486. | 2.0 | 69 |

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|---|---|---|---|
| 19 | When polymers meet carbon nanostructures: expanding horizons in cancer therapy. Future Medicinal Chemistry, 2019, 11, 2205-2231. | 1.1 | 8 |
| 20 | Magnetic Graphene Oxide Nanocarrier for Targeted Delivery of Cisplatin: A Perspective for Glioblastoma Treatment. Pharmaceuticals, 2019, 12, 76. | 1.7 | 30 |
| 21 | Combining antioxidant hydrogels with self-assembled microparticles for multifunctional wound dressings. Journal of Materials Chemistry B, 2019, 7, 4361-4370. | 2.9 | 16 |
| 22 | Chitosanâ€“Quercetin Bioconjugate as Multiâ€Functional Component of Antioxidants and Dualâ€Responsive Hydrogel Networks. Macromolecular Materials and Engineering, 2019, 304, 1800728. | 1.7 | 20 |
| 23 | Graphene Oxide Functional Nanohybrids with Magnetic Nanoparticles for Improved Vectorization of Doxorubicin to Neuroblastoma Cells. Pharmaceutics, 2019, 11, 3. | 2.0 | 33 |
| 24 | Facile synthesis of pH-responsive polymersomes based on lipidized PEG for intracellular co-delivery of curcumin and methotrexate. Colloids and Surfaces B: Biointerfaces, 2018, 167, 568-576. | 2.5 | 16 |
| 25 | Doxorubicin synergism and resistance reversal in human neuroblastoma BE(2)C cell lines: An in vitro study with dextran-catechin nanohybrids. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 122, 176-185. | 2.0 | 24 |
| 26 | Antioxidant Polymers for Food Packaging. , 2018, , 213-238. | | 3 |
| 27 | Electro-responsive graphene oxide hydrogels for skin bandages: The outcome of gelatin and trypsin immobilization. International Journal of Pharmaceutics, 2018, 546, 50-60. | 2.6 | 33 |
| 28 | Polyphenols delivery by polymeric materials: challenges in cancer treatment. Drug Delivery, 2017, 24, 162-180. | 2.5 | 48 |
| 29 | Carbon nanotubes hybrid hydrogels for electrically tunable release of Curcumin. European Polymer Journal, 2017, 90, 1-12. | 2.6 | 44 |
| 30 | Albumin nanoparticles for glutathione-responsive release of cisplatin: New opportunities for medulloblastoma. International Journal of Pharmaceutics, 2017, 517, 168-174. | 2.6 | 41 |
| 31 | pH/redox dual-sensitive dextran nanogels for enhanced intracellular drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 117, 324-332. | 2.0 | 46 |
| 32 | Polyphenol Conjugates and Human Health: A Perspective Review. Critical Reviews in Food Science and Nutrition, 2016, 56, 326-337. | 5.4 | 95 |
| 33 | Dual Stimuli Responsive Gelatinâ€CNT Hybrid Films as a Versatile Tool for the Delivery of Anionic Drugs. Macromolecular Materials and Engineering, 2016, 301, 1537-1547. | 1.7 | 6 |
| 34 | Functional hydrogels with a multicatalytic activity for bioremediation: Singleâ€step preparation and characterization. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 4 |
| 35 | Polyphenol Conjugates by Immobilized Laccase: The Green Synthesis of Dextranâ€Catechin. Macromolecular Chemistry and Physics, 2016, 217, 1488-1492. | 1.1 | 29 |
| 36 | Cotton gauze-hydrogel composites: Valuable tools for electrically modulated drug delivery. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 442-450. | 1.8 | 7 |

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| 37 | Carbon Nanohybrids as Electro-Responsive Drug Delivery Systems. Mini-Reviews in Medicinal Chemistry, 2016, 16, 658-667. | 1.1 | 12 |
| 38 | Recent Advances in the Synthesis and Biomedical Applications of Nanocomposite Hydrogels. Pharmaceutics, 2015, 7, 413-437. | 2.0 | 28 |
| 39 | Glucose cryoprotectant affects glutathione-responsive antitumor drug release from polysaccharide nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 281-292. | 2.0 | 13 |
| 40 | Tailoring Flavonoidsâ€™ Antioxidant Properties Through Covalent Immobilization Into Dual Stimuli Responsive Polymers. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 587-596. | 1.8 | 4 |
| 41 | Functional Gelatin-Carbon Nanotubes Nanohybrids With Enhanced Antibacterial Activity. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 439-447. | 1.8 | 17 |
| 42 | Coated biodegradable casein nanospheres: a valuable tool for oral drug delivery. Drug Development and Industrial Pharmacy, 2015, 41, 2006-2017. | 0.9 | 6 |
| 43 | Hydrolyzed gelatin-based polymersomes as delivery devices of anticancer drugs. European Polymer Journal, 2015, 67, 304-313. | 2.6 | 11 |
| 44 | Flavonoid-based pH-responsive hydrogels as carrier of unstable drugs in oxidative conditions. Pharmaceutical Development and Technology, 2015, 20, 288-296. | 1.1 | 6 |
| 45 | Hydrophobically Modified Keratin Vesicles for GSH-Responsive Intracellular Drug Release. Bioconjugate Chemistry, 2015, 26, 1900-1907. | 1.8 | 54 |
| 46 | Tunable thermo-responsive hydrogels: Synthesis, structural analysis and drug release studies. Materials Science and Engineering C, 2015, 48, 499-510. | 3.8 | 42 |
| 47 | Enzyme immobilization on smart polymers: Catalysis on demand. Reactive and Functional Polymers, 2014, 83, 62-69. | 2.0 | 70 |
| 48 | Flavonoids preservation and release by methacrylic acid-grafted (N-vinyl-pyrrolidone). Pharmaceutical Development and Technology, 2013, 18, 1058-1065. | 1.1 | 10 |
| 49 | Stabilization of oxidable vitamins by flavonoid-based hydrogels. Reactive and Functional Polymers, 2013, 73, 1030-1037. | 2.0 | 9 |
| 50 | Novel carbon nanotube composites by grafting reaction with water-compatible redox initiator system. Colloid and Polymer Science, 2013, 291, 699-708. | 1.0 | 19 |
| 51 | Biodegradable gelatin-based nanospheres as pH-responsive drug delivery systems. Journal of Nanoparticle Research, 2013, 15, 1. | 0.8 | 46 |
| 52 | Determination of biogenic amines in different cheese samples by LC with evaporative light scattering detector. Journal of Food Composition and Analysis, 2013, 29, 43-51. | 1.9 | 53 |
| 53 | Quercetin-Imprinted Nanospheres as Novel Drug Delivery Devices. Journal of Functional Biomaterials, 2012, 3, 269-282. | 1.8 | 31 |
| 54 | Starch-quercetin conjugate by radical grafting: synthesis and biological characterization. Pharmaceutical Development and Technology, 2012, 17, 466-476. | 1.1 | 52 |

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| 55 | Ciprofloxacin-Collagen Conjugate in the Wound Healing Treatment. Journal of Functional Biomaterials, 2012, 3, 361-371. | 1.8 | 17 |
| 56 | Anticancer activity of a quercetin-based polymer towards HeLa cancer cells. Anticancer Research, 2012, 32, 2843-7. | 0.5 | 32 |
| 57 | Synthesis of Stimuli-Responsive Microgels for In Vitro Release of Diclofenac Diethyl Ammonium. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 823-844. | 1.9 | 18 |
| 58 | Molecularly imprinted polymers in drug delivery: state of art and future perspectives. Expert Opinion on Drug Delivery, 2011, 8, 1379-1393. | 2.4 | 130 |
| 59 | A new method for the determination of biogenic amines in cheese by LC with evaporative light scattering detector. Talanta, 2011, 85, 363-369. | 2.9 | 47 |
| 60 | Antioxidant multi-walled carbon nanotubes by free radical grafting of gallic acid: new materials for biomedical applications. Journal of Pharmacy and Pharmacology, 2011, 63, 179-188. | 1.2 | 71 |
| 61 | Poly(2-hydroxyethyl methacrylate)-quercetin Conjugate as Biomaterial in Ophthalmology: An â€œab initioâ€•Study. Journal of Functional Biomaterials, 2011, 2, 1-17. | 1.8 | 16 |
| 62 | Synthesis of hydrophilic microspheres with LCST close to body temperature for controlled dualâ€sensitive drug release. Polymers for Advanced Technologies, 2011, 22, 1705-1712. | 1.6 | 17 |
| 63 | Thermoâ€•responsive albumin hydrogels with LCST near the physiological temperature. Journal of Applied Polymer Science, 2011, 121, 342-351. | 1.3 | 11 |
| 64 | Molecularly imprinted polymers for the selective extraction of glycyrrhizic acid from liquorice roots. Food Chemistry, 2011, 125, 1058-1063. | 4.2 | 90 |
| 65 | Antioxidant Activity of a Mediterranean Food Product: â€œFig Syrupâ€• Nutrients, 2011, 3, 317-329. | 1.7 | 21 |
| 66 | Negative Thermo-responsive Microspheres Based on Hydrolyzed Gelatin as Drug Delivery Device. AAPS PharmSciTech, 2010, 11, 652-662. | 1.5 | 27 |
| 67 | Molecularly imprinted polymers as drug delivery systems for the sustained release of glycyrrhizic acid. Journal of Pharmacy and Pharmacology, 2010, 62, 577-582. | 1.2 | 45 |
| 68 | Antioxidantâ€“polysaccharide conjugates for food application by eco-friendly grafting procedure. Carbohydrate Polymers, 2010, 79, 333-340. | 5.1 | 123 |
| 69 | Molecular imprinting polymerization by Fenton reaction. Colloid and Polymer Science, 2010, 288, 689-693. | 1.0 | 12 |
| 70 | Surface modifications of molecularly imprinted polymers for improved template recognition in water media. Journal of Polymer Research, 2010, 17, 355-362. | 1.2 | 43 |
| 71 | Ferulic acid as a comonomer in the synthesis of a novel polymeric chain with biological properties. Journal of Applied Polymer Science, 2010, 115, 784-789. | 1.3 | 37 |
| 72 | Antioxidant and spectroscopic studies of crosslinked polymers synthesized by grafting polymerization of ferulic acid. Polymers for Advanced Technologies, 2010, 21, 774-779. | 1.6 | 18 |

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| 73 | Biological Activity of a Gallic Acidâ˜Gelatin Conjugate. Biomacromolecules, 2010, 11, 3309-3315. | 2.6 | 79 |
| 74 | Grafted thermo-responsive gelatin microspheres as delivery systems in triggered drug release. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 76, 48-55. | 2.0 | 78 |
| 75 | New EU regulation aspects and global market of active and intelligent packaging for food industry applications. Food Control, 2010, 21, 1425-1435. | 2.8 | 379 |
| 76 | Selective Determination of Melamine in Aqueous Medium by Molecularly Imprinted Solid Phase Extraction. Journal of Agricultural and Food Chemistry, 2010, 58, 11883-11887. | 2.4 | 43 |
| 77 | Gastro-intestinal sustained release of phytic acid by molecularly imprinted microparticles. Pharmaceutical Development and Technology, 2010, 15, 526-531. | 1.1 | 13 |
| 78 | New restricted access materials combined to molecularly imprinted polymers for selective recognition/release in water media. European Polymer Journal, 2009, 45, 1634-1640. | 2.6 | 115 |
| 79 | Synthesis of Antioxidant Polymers by Grafting of Gallic Acid and Catechin on Gelatin. Biomacromolecules, 2009, 10, 1923-1930. | 2.6 | 185 |
| 80 | Covalent Insertion of Antioxidant Molecules on Chitosan by a Free Radical Grafting Procedure. Journal of Agricultural and Food Chemistry, 2009, 57, 5933-5938. | 2.4 | 328 |
| 81 | Molecularly Imprinted Polymers for Î±-Tocopherol Delivery. Drug Delivery, 2008, 15, 253-258. | 2.5 | 39 |
| 82 | Synthesis of Methacrylicâ˜Ferulic Acid Copolymer with Antioxidant Properties by Single-Step Free Radical Polymerization. Journal of Agricultural and Food Chemistry, 2008, 56, 10646-10650. | 2.4 | 48 |
| 83 | Polymer in Agriculture: a Review. American Journal of Agricultural and Biological Science, 2008, 3, 299-314. | 0.9 | 224 |
| 84 | Molecularly Imprinted Polymers (PIMs) in Biomedical Applications. , 0, , . | | 12 |