

Ibrahim M El-Sherbiny

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

4,305
citations

126858

33
h-index

133188

59
g-index

131
all docs

131
docs citations

131
times ranked

6838
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Biopolymeric-Inorganic Composites for Drug Delivery Applications. <i>Advances in Material Research and Technology</i> , 2022, , 271-298. | 0.3 | 0 |
| 2 | Efficacy of biocompatible trilayers nanofibrous scaffold with/without allogeneic adipose-derived stem cells on class II furcation defects of dogsâ€™ model. <i>Clinical Oral Investigations</i> , 2022, 26, 2537-2553. | 1.4 | 6 |
| 3 | Novel doxorubicin / folate-targeted trans-ferulic acid-loaded PLGA nanoparticles combination: In-vivo superiority over standard chemotherapeutic regimen for breast cancer treatment. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112376. | 2.5 | 25 |
| 4 | Drag-minimizing spore/pollen-mimicking microparticles for enhanced pulmonary drug delivery: CFD and experimental studies. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102960. | 1.4 | 1 |
| 5 | Voltammetric determination of <i>Salmonella typhimurium</i> in minced beef meat using a chip-based imprinted sensor. <i>RSC Advances</i> , 2022, 12, 3445-3453. | 1.7 | 12 |
| 6 | Applications of chitosan in orthopedics and dentistry. , 2022, , 295-328. | | 0 |
| 7 | New repurposed rolapitant in nanovesicular systems for lung cancer treatment: Development, in-vitro assessment and in-vivo biodistribution study. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 171, 106119. | 1.9 | 14 |
| 8 | Ticagrelor. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2022, 47, 91-111. | 3.5 | 5 |
| 9 | Dual Spinneret Electrospun Polyurethane/PVA-Gelatin Nanofibrous Scaffolds Containing Cinnamon Essential Oil and Nanoceria for Chronic Diabetic Wound Healing: Preparation, Physicochemical Characterization and In-Vitro Evaluation. <i>Molecules</i> , 2022, 27, 2146. | 1.7 | 17 |
| 10 | Development and Evaluation of Core-Shell Nanocarrier System for Enhancing the Cytotoxicity of Doxorubicin/Metformin Combination Against Breast Cancer Cell Line. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 2581-2591. | 1.6 | 4 |
| 11 | Switching indication of PEGylated lipid nanocapsules-loaded with rolapitant and deferasirox against breast cancer: Enhanced in-vitro and in-vivo cytotoxicity. <i>Life Sciences</i> , 2022, 305, 120731. | 2.0 | 8 |
| 12 | Nanofibrous Scaffolds for the Management of Periodontal Diseases. <i>Advances in Polymer Science</i> , 2022, , . | 0.4 | 0 |
| 13 | Wet Electrospun Nanofibers-Fortified Gelatin/Alginate-Based Nanocomposite as a Single-Dose Biomimicking Skin Substitute. <i>ACS Applied Bio Materials</i> , 2022, 5, 3678-3694. | 2.3 | 5 |
| 14 | New biodegradable nanoparticles-in-nanofibers based membranes for guided periodontal tissue and bone regeneration with enhanced antibacterial activity. <i>Journal of Advanced Research</i> , 2021, 28, 51-62. | 4.4 | 83 |
| 15 | Matrix-dispersed PEI-coated SPIONs for fast and efficient removal of anionic dyes from textile wastewater samples: Applications to triphenylmethanes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119301. | 2.0 | 11 |
| 16 | Boosting the antibacterial activity of chitosanâ€™gold nanoparticles against antibioticâ€™resistant bacteria by <i>Punicagranatum L.</i> extract. <i>Carbohydrate Polymers</i> , 2021, 256, 117498. | 5.1 | 35 |
| 17 | Nanosized biligated metalâ€™organic framework systems for enhanced cellular and mitochondrial sequential targeting of hepatic carcinoma. <i>Biomaterials Science</i> , 2021, 9, 6609-6622. | 2.6 | 12 |
| 18 | New sensing platform of poly(ester-urethane)urea doped with gold nanoparticles for rapid detection of mercury ions in fish tissue. <i>RSC Advances</i> , 2021, 11, 31845-31854. | 1.7 | 19 |

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|----|---|-----|-----------|
| 19 | Dual-drug delivery of Ag-chitosan nanoparticles and phenytoin via core-shell PVA/PCL electrospun nanofibers. <i>Carbohydrate Polymers</i> , 2021, 270, 118373. | 5.1 | 63 |
| 20 | Development of a silk fibroin-based multitask aerosolized nanopowder formula for efficient wound healing. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 413-424. | 3.6 | 13 |
| 21 | Chitosan/Gold Hybrid Nanoparticles Enriched Electrospun PVA Nanofibrous Mats for the Topical Delivery of Punica granatum L. Extract: Synthesis, Characterization, Biocompatibility and Antibacterial Properties. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5133-5151. | 3.3 | 22 |
| 22 | Electrospun polymer-based nanofiber scaffolds for skin regeneration. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102623. | 1.4 | 25 |
| 23 | Anticarcinogenic Effects of Capsaicin-Loaded Nanoparticles on In vitro Hepatocellular Carcinoma. <i>Current Chemical Biology</i> , 2021, 15, 188-201. | 0.2 | 5 |
| 24 | Mitotropic triphenylphosphonium doxorubicin-loaded core-shell nanoparticles for cellular and mitochondrial sequential targeting of breast cancer. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120936. | 2.6 | 7 |
| 25 | Conventional and hybrid nanoparticulate systems for the treatment of hepatocellular carcinoma: An updated review. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 167, 9-37. | 2.0 | 11 |
| 26 | High selectivity detection of FMDV- SAT-2 using a newly-developed electrochemical nanosensors. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113435. | 5.3 | 19 |
| 27 | Development and In Vitro Evaluation of Biocompatible PLA-Based Trilayer Nanofibrous Membranes for the Delivery of Nanoceria: A Novel Approach for Diabetic Wound Healing. <i>Polymers</i> , 2021, 13, 3630. | 2.0 | 10 |
| 28 | Dual-ligated metal organic framework as novel multifunctional nanovehicle for targeted drug delivery for hepatic cancer treatment. <i>Scientific Reports</i> , 2021, 11, 19808. | 1.6 | 19 |
| 29 | A better understanding of the polymeric irradiation using physico-electrochemical characteristics. <i>Radiation Effects and Defects in Solids</i> , 2021, 176, 1021-1037. | 0.4 | 1 |
| 30 | Passive and Active Targeting of Brain Tumors. <i>Neuroinformatics</i> , 2021, , 63-78. | 0.2 | 0 |
| 31 | User-friendly lab-on-paper optical sensor for the rapid detection of bacterial spoilage in packaged meat products. <i>RSC Advances</i> , 2021, 11, 35165-35173. | 1.7 | 10 |
| 32 | Functionalized Poly(N-isopropylacrylamide)-Based Microgels in Tumor Targeting and Drug Delivery. <i>Gels</i> , 2021, 7, 203. | 2.1 | 9 |
| 33 | Boosting the mechanical strength and solubility-enhancement properties of hydroxypropyl- β -cyclodextrin nanofibrous films. <i>Drug Development and Industrial Pharmacy</i> , 2021, , 1-11. | 0.9 | 2 |
| 34 | Deacetylated cellulose acetate nanofibrous dressing loaded with chitosan/propolis nanoparticles for the effective treatment of burn wounds. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 2029-2037. | 3.6 | 23 |
| 35 | SARS-CoV-2-Impedimetric Biosensor: Virus-Imprinted Chips for Early and Rapid Diagnosis. <i>ACS Sensors</i> , 2021, 6, 4098-4107. | 4.0 | 48 |
| 36 | (Rose Bengal)/(Eosin Yellow)-Gold-Polypyrrole Hybrids: A Design for Dual Photo-Active Nano-System with Ultra-High Loading Capacity. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 5011-5023. | 2.0 | 4 |

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|----|--|-----|-----------|
| 37 | Removal of methylene blue from aqueous solutions using polyaniline/graphene oxide or polyaniline/reduced graphene oxide composites. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2854-2862. | 1.2 | 51 |
| 38 | Nanoformulated ellagic acid ameliorates pentylenetetrazol-induced experimental epileptic seizures by modulating oxidative stress, inflammatory cytokines and apoptosis in the brains of male mice. <i>Metabolic Brain Disease</i> , 2020, 35, 385-399. | 1.4 | 22 |
| 39 | Fortified hyperbranched PEGylated chitosan-based nano-in-micro composites for treatment of multiple bacterial infections. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 1201-1210. | 3.6 | 8 |
| 40 | Carbetapentane citrate. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2020, 45, 41-53. | 3.5 | 0 |
| 41 | Evaluation of the osteogenic potential of rat adipose-derived stem cells with different polycaprolactone/alginate-based nanofibrous scaffolds: an in vitro study. <i>Stem Cell Investigation</i> , 2020, 7, 14-14. | 1.3 | 4 |
| 42 | Niclosamide-loaded polymeric micelles ameliorate hepatocellular carcinoma in vivo through targeting Wnt and Notch pathways. <i>Life Sciences</i> , 2020, 261, 118458. | 2.0 | 15 |
| 43 | Exploring the physicochemical and antimicrobial properties of gold-chitosan hybrid nanoparticles composed of varying chitosan amounts. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1760-1769. | 3.6 | 33 |
| 44 | Improving the Functional Activities of Curcumin Using Milk Proteins as Nanocarriers. <i>Foods</i> , 2020, 9, 986. | 1.9 | 12 |
| 45 | Polyurethane-doped platinum nanoparticles modified carbon paste electrode for the sensitive and selective voltammetric determination of free copper ions in biological samples. <i>Microchemical Journal</i> , 2020, 155, 104765. | 2.3 | 24 |
| 46 | <p>Dual-Ligand Functionalized Core-Shell Chitosan-Based Nanocarrier for Hepatocellular Carcinoma-Targeted Drug Delivery</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 821-837. | 3.3 | 32 |
| 47 | Urchin-like CuS nanostructures: simple synthesis and structural optimization with enhanced photocatalytic activity under direct sunlight. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2153-2164. | 1.6 | 38 |
| 48 | Edible alginate/chitosan-based nanocomposite microspheres as delivery vehicles of omega-3 rich oils. <i>Carbohydrate Polymers</i> , 2020, 239, 116201. | 5.1 | 24 |
| 49 | New alginate-based interpenetrating polymer networks for water treatment: A response surface methodology based optimization study. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 772-785. | 3.6 | 25 |
| 50 | Nitric Oxide Releasing Hydrogel Nanoparticles Decreases Epithelial Cell Injuries Associated With Airway Reopening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 579788. | 2.0 | 10 |
| 51 | Multifunctional prosthetic polyester-based hybrid mesh for repairing of abdominal wall hernias and defects. <i>Carbohydrate Polymers</i> , 2019, 223, 115027. | 5.1 | 11 |
| 52 | Sandwich-Like Nanofibrous Scaffolds for Bone Tissue Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28610-28620. | 4.0 | 42 |
| 53 | Next-generation nanotheranostics targeting cancer stem cells. <i>Nanomedicine</i> , 2019, 14, 2487-2514. | 1.7 | 19 |
| 54 | Antioxidant and antibacterial activities of omega-3 rich oils/curcumin nanoemulsions loaded in chitosan and alginate-based microbeads. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 682-696. | 3.6 | 49 |

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|----|--|-----|-----------|
| 55 | Green Synthesis of Chitosan-Silver/Gold Hybrid Nanoparticles for Biomedical Applications. <i>Methods in Molecular Biology</i> , 2019, 2000, 79-84. | 0.4 | 7 |
| 56 | Designing and fabrication of new VIP biosensor for the rapid and selective detection of foot-and-mouth disease virus (FMDV). <i>Biosensors and Bioelectronics</i> , 2019, 141, 111467. | 5.3 | 30 |
| 57 | Phenytoin/sildenafil loaded poly(lactic acid) bilayer nanofibrous scaffolds for efficient orthopedics regeneration. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 154-164. | 3.6 | 11 |
| 58 | Exploring the influence of particle shape and air velocity on the flowability in the respiratory tract: a computational fluid dynamics approach. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1149-1156. | 0.9 | 3 |
| 59 | Potential anticancer activity and mechanism of action of nanoformulated curcumin in experimental Ehrlich ascites carcinoma-bearing animals. <i>Nanomedicine</i> , 2019, 14, 553-573. | 1.7 | 13 |
| 60 | Online-monitoring of biofilm formation using nanostructured electrode surfaces. <i>Materials Science and Engineering C</i> , 2019, 100, 178-185. | 3.8 | 16 |
| 61 | Noninvasive biodegradable nanoparticles-in-nanofibers single-dose ocular insert: <i>in vitro</i> , <i>ex vivo</i> and <i>in vivo</i> evaluation. <i>Nanomedicine</i> , 2019, 14, 33-55. | 1.7 | 37 |
| 62 | Methods of Fabrication of Chitosan-Based Nano-in-Microparticles (NMPs). <i>Methods in Molecular Biology</i> , 2019, 2000, 85-91. | 0.4 | 1 |
| 63 | Antiviral Activity of Curcumin Loaded Milk Proteins Nanoparticles on Potato Virus Y. <i>Pakistan Journal of Biological Sciences</i> , 2019, 22, 614-622. | 0.2 | 4 |
| 64 | Fast technique for the purification of as-prepared graphene oxide suspension. <i>Diamond and Related Materials</i> , 2018, 86, 20-28. | 1.8 | 19 |
| 65 | Facile development, characterization, and optimization of new metformin-loaded nanocarrier system for efficient colon cancer adjunct therapy. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1158-1170. | 0.9 | 18 |
| 66 | Development of core-shell nanocarrier system for augmenting piperine cytotoxic activity against human brain cancer cell line. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 118, 103-112. | 1.9 | 36 |
| 67 | Activation of polymeric nanoparticle intracellular targeting overcomes chemodrug resistance in human primary patient breast cancer cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8153-8164. | 3.3 | 19 |
| 68 | Hybrid nanocarrier system for guiding and augmenting simvastatin cytotoxic activity against prostate cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 641-650. | 1.9 | 19 |
| 69 | Silymarin nanoformulation as potential anticancer agent in experimental Ehrlich ascites carcinoma-bearing animals. <i>Nanomedicine</i> , 2018, 13, 1865-1858. | 1.7 | 25 |
| 70 | Magnetic nanoparticles-based drug and gene delivery systems for the treatment of pulmonary diseases. <i>Nanomedicine</i> , 2017, 12, 387-402. | 1.7 | 49 |
| 71 | Significantly enhanced electroactive β phase crystallization and UV-shielding properties in PVDF nanocomposites flexible films through loading of ATO nanoparticles: Synthesis and formation mechanism. <i>European Polymer Journal</i> , 2017, 90, 195-208. | 2.6 | 26 |
| 72 | Preparation and nanoformulation of new quinolone scaffold-based anticancer agents: Enhancing solubility for better cellular delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 105, 203-211. | 1.9 | 11 |

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|----|---|-----|-----------|
| 73 | Sensing of bacterial cell viability using nanostructured bioelectrochemical system: rGO-hyperbranched chitosan nanocomposite as a novel microbial sensor platform. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 191-200. | 4.0 | 30 |
| 74 | Alginate-based nanocomposites for efficient removal of heavy metal ions. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 272-283. | 3.6 | 67 |
| 75 | New polylactic acid/ cellulose acetate-based antimicrobial interactive single dose nanofibrous wound dressing mats. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1148-1160. | 3.6 | 93 |
| 76 | Bilayer sandwich-like membranes of metal organic frameworks-electrospun polymeric nanofibers via SiO ₂ nanoparticles seeding. <i>Materials Today Communications</i> , 2017, 12, 119-124. | 0.9 | 9 |
| 77 | Facile development of nanocomplex-in-nanoparticles for enhanced loading and selective delivery of doxorubicin to brain. <i>Nanomedicine</i> , 2017, 12, 2737-2761. | 1.7 | 28 |
| 78 | Nanoformulated natural therapeutics for management of streptozotocin-induced diabetes: potential use of curcumin nanoformulation. <i>Nanomedicine</i> , 2017, 12, 1689-1711. | 1.7 | 38 |
| 79 | Updates on smart polymeric carrier systems for protein delivery. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1567-1583. | 0.9 | 20 |
| 80 | Novel Nano-Therapeutic Approach Actively Targets Human Ovarian Cancer Stem Cells after Xenograft into Nude Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 813. | 1.8 | 18 |
| 81 | Hydrogels for Pulmonary Drug Delivery. , 2017, , 327-352. | | 0 |
| 82 | Potential of nanotechnology in nutraceuticals delivery for the prevention and treatment of cancer. , 2016, , 117-152. | | 1 |
| 83 | Newly developed chitosan-silver hybrid nanoparticles: biosafety and apoptosis induction in HepG2 cells. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1. | 0.8 | 15 |
| 84 | Chitosan-based nano-in-microparticle carriers for enhanced oral delivery and anticancer activity of propolis. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 254-269. | 3.6 | 81 |
| 85 | Single-Dose Electrospun Nanoparticles-in-Nanofibers Wound Dressings with Enhanced Epithelialization, Collagen Deposition, and Granulation Properties. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14453-14469. | 4.0 | 104 |
| 86 | The effect of increasing honey concentration on the properties of the honey/polyvinyl alcohol/chitosan nanofibers. <i>Materials Science and Engineering C</i> , 2016, 67, 276-284. | 3.8 | 51 |
| 87 | Photo-induced green synthesis and antimicrobial efficacy of poly (É-caprolactone)/curcumin/grape leaf extract-silver hybrid nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 160, 355-363. | 1.7 | 25 |
| 88 | Mesenchymal stem cells growth and proliferation enhancement using PLA vs PCL based nanofibrous scaffolds. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 9-19. | 3.6 | 51 |
| 89 | A newly developed silymarin nanoformulation as a potential antidiabetic agent in experimental diabetes. <i>Nanomedicine</i> , 2016, 11, 2581-2602. | 1.7 | 36 |
| 90 | Core-shell hyperbranched chitosan nanostructure as a novel electrode modifier. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 543-546. | 3.6 | 10 |

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|-----|--|-----|-----------|
| 91 | Manganese dioxide-core@shell hyperbranched chitosan (MnO ₂ @HBCs) nano-structured screen printed electrode for enzymatic glucose biosensors. RSC Advances, 2016, 6, 109185-109191. | 1.7 | 24 |
| 92 | New core@shell hyperbranched chitosan-based nanoparticles as optical sensor for ammonia detection. International Journal of Biological Macromolecules, 2016, 86, 782-788. | 3.6 | 39 |
| 93 | Honey/Chitosan Nanofiber Wound Dressing Enriched with <i>Allium sativum</i> and <i>Cleome droserifolia</i> : Enhanced Antimicrobial and Wound Healing Activity. ACS Applied Materials & Interfaces, 2016, 8, 6379-6390. | 4.0 | 254 |
| 94 | A New NO-Releasing Nanoformulation for the Treatment of Pulmonary Arterial Hypertension. Journal of Cardiovascular Translational Research, 2016, 9, 162-164. | 1.1 | 20 |
| 95 | Nanoformulation and antimicrobial evaluation of newly synthesized thiouracil derivatives. Drug Development and Industrial Pharmacy, 2016, 42, 1094-1109. | 0.9 | 2 |
| 96 | New trimethyl chitosan-based composite nanoparticles as promising antibacterial agents. Drug Development and Industrial Pharmacy, 2016, 42, 720-729. | 0.9 | 13 |
| 97 | Janus Nano- and Microparticles as Smart Drug Delivery Systems. Current Pharmaceutical Biotechnology, 2016, 17, 673-682. | 0.9 | 11 |
| 98 | Inhaled nano- and microparticles for drug delivery. Global Cardiology Science & Practice, 2015, 2015, 2. | 0.3 | 144 |
| 99 | Eco-friendly Electrospun Polymeric Nanofibers-Based Nanocomposites for Wound Healing and Tissue Engineering. Advanced Structured Materials, 2015, , 399-431. | 0.3 | 7 |
| 100 | Effect of conductive substrate (working electrode) on the morphology of electrodeposited Cu ₂ O. Journal Physics D: Applied Physics, 2015, 48, 175502. | 1.3 | 25 |
| 101 | A Review on Bionanocomposites Based on Chitosan and Its Derivatives for Biomedical Applications. Advanced Structured Materials, 2015, , 173-208. | 0.3 | 20 |
| 102 | Preparation and Physicochemical Characterization of New Nanocomposites Based on Î²-Type Chitosan and Nano-Hydroxyapatite as Potential Bone Substitute Materials. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 213-220. | 1.8 | 17 |
| 103 | Swellable Ciprofloxacin-Loaded Nano-in-Micro Hydrogel Particles for Local Lung Drug Delivery. AAPS PharmSciTech, 2014, 15, 1535-1544. | 1.5 | 41 |
| 104 | Enhanced cellular uptake and gene silencing activity of siRNA molecules mediated by chitosan-derivative nanocomplexes. International Journal of Pharmaceutics, 2014, 473, 579-590. | 2.6 | 18 |
| 105 | Tissue plasminogen activator-based clot busting: Controlled delivery approaches. Global Cardiology Science & Practice, 2014, 2014, 46. | 0.3 | 23 |
| 106 | A new modification for improving shear bond strength and other mechanical properties of conventional glass-ionomer restorative materials. Journal of Adhesive Dentistry, 2014, 16, 41-7. | 0.3 | 12 |
| 107 | Green synthesis of densely dispersed and stable silver nanoparticles using myrrh extract and evaluation of their antibacterial activity. Journal of Nanostructure in Chemistry, 2013, 3, 1. | 5.3 | 28 |
| 108 | New calcareous soil@alginate composites for efficient uptake of Fe(III), Mn(II) and As(V) from water. Carbohydrate Polymers, 2013, 96, 450-459. | 5.1 | 28 |

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|-----|--|-----|-----------|
| 109 | Design and <i>In Vitro</i> Evaluation of a New Nano-Microparticulate System for Enhanced Aqueous-Phase Solubility of Curcumin. <i>BioMed Research International</i> , 2013, 2013, 1-9. | 0.9 | 43 |
| 110 | Hydrogel scaffolds for tissue engineering: Progress and challenges. <i>Global Cardiology Science & Practice</i> , 2013, 2013, 38. | 0.3 | 604 |
| 111 | Formulation Approaches to Short Interfering RNA and MicroRNA: Challenges and Implications. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 4046-4066. | 1.6 | 70 |
| 112 | Controlled Release Pulmonary Administration of Curcumin Using Swellable Biocompatible Microparticles. <i>Molecular Pharmaceutics</i> , 2012, 9, 269-280. | 2.3 | 112 |
| 113 | Preparation of silver nanoparticles in the presence of chitosan by electrochemical method. <i>Carbohydrate Polymers</i> , 2012, 89, 236-244. | 5.1 | 139 |
| 114 | Swellable Hydrogel Particles for Controlled Release Pulmonary Administration Using Propellant-Driven Metered Dose Inhalers. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2011, 24, 25-34. | 0.7 | 29 |
| 115 | Smart Magnetically Responsive Hydrogel Nanoparticles Prepared by a Novel Aerosol-Assisted Method for Biomedical and Drug Delivery Applications. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-13. | 1.5 | 69 |
| 116 | Ionotropically cross-linked pH-sensitive IPN hydrogel matrices as potential carriers for intestine-specific oral delivery of protein drugs. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 121-130. | 0.9 | 19 |
| 117 | Overcoming Lung Clearance Mechanisms for Controlled Release Drug Delivery. , 2011, , 101-126. | | 14 |
| 118 | Biodegradable pH-responsive alginate-poly (lactic-co-glycolic acid) nano/micro hydrogel matrices for oral delivery of silymarin. <i>Carbohydrate Polymers</i> , 2011, 83, 1345-1354. | 5.1 | 74 |
| 119 | Antitumor activity and antioxidant role of a novel water-soluble carboxymethyl chitosan-based copolymer. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 1481-1490. | 0.9 | 12 |
| 120 | A Novel Aerosol Method for the Production of Hydrogel Particles. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-10. | 1.5 | 9 |
| 121 | Biodegradable nano-micro carrier systems for sustained pulmonary drug delivery: (I) Self-assembled nanoparticles encapsulated in respirable/swellable semi-IPN microspheres. <i>International Journal of Pharmaceutics</i> , 2010, 395, 132-141. | 2.6 | 88 |
| 122 | Enhanced pH-responsive carrier system based on alginate and chemically modified carboxymethyl chitosan for oral delivery of protein drugs: Preparation and in-vitro assessment. <i>Carbohydrate Polymers</i> , 2010, 80, 1125-1136. | 5.1 | 125 |
| 123 | Preparation, characterization, structure, and dynamics of carboxymethyl chitosan grafted with acrylic acid sodium salt. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2134-2145. | 1.3 | 8 |
| 124 | Swellable microparticles as carriers for sustained pulmonary drug delivery. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2343-2356. | 1.6 | 76 |
| 125 | Photo-induced synthesis, characterization and swelling behavior of poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 | 5.1 | 22 |
| 126 | Poly(ethylene glycol)-carboxymethyl chitosan-based pH-responsive hydrogels: photo-induced synthesis, characterization, swelling, and in vitro evaluation as potential drug carriers. <i>Carbohydrate Research</i> , 2010, 345, 2004-2012. | 1.1 | 59 |

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|-----|--|-----|-----------|
| 127 | Nanomicelles-in-coaxial nanofibers with exit channels as a transdermal delivery platform for smoking cessation. <i>Journal of Materials Chemistry B</i> , 0, , . | 2.9 | 3 |
| 128 | Activation of Polymeric Nanoparticle Intracellular Targeting Overcomes Chemodrug Resistance in Human Primary Patient Breast Cancer Cells [Retraction]. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 2555-2556. | 3.3 | 1 |