

Emmanuel A Ho

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,265
citations

361413
20
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361022
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docs citations

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times ranked

1824
citing authors

| | | | |
|----|---|------|-----|
| 1 | Segmented intravaginal ring for the combination delivery of hydroxychloroquine and anti-CCR5 siRNA nanoparticles as a potential strategy for preventing HIV infection. Drug Delivery and Translational Research, 2022, 12, 816-825. | 5.8 | 2 |
| 2 | Translational advancements in transdermal and mucosal delivery. Drug Delivery and Translational Research, 2022, 12, 733-734. | 5.8 | 1 |
| 3 | Fused deposition modeling three-dimensional printing of flexible polyurethane intravaginal rings with controlled tunable release profiles for multiple active drugs. Drug Delivery and Translational Research, 2022, 12, 906-924. | 5.8 | 12 |
| 4 | Doxorubicin nanoformulations on therapy against cancer: An overview from the last 10 years. Materials Science and Engineering C, 2022, 133, 112623. | 7.3 | 26 |
| 5 | Reagent free detection of SARS-CoV-2 using an antibody-based microwave sensor in a microfluidic platform. Lab on A Chip, 2022, 22, 2307-2314. | 6.0 | 12 |
| 6 | Challenges in the development and establishment of exosome-based drug delivery systems. Journal of Controlled Release, 2021, 329, 894-906. | 9.9 | 154 |
| 7 | Microfluidic Technology for Antibacterial Resistance Study and Antibiotic Susceptibility Testing: Review and Perspective. ACS Sensors, 2021, 6, 3-21. | 7.8 | 47 |
| 8 | Sustainable Materials for Fused Deposition Modeling 3D Printing Applications. Advanced Engineering Materials, 2021, 23, 2001472. | 3.5 | 38 |
| 9 | Low-Dose Acetylsalicylic Acid Reduces T Cell Immune Activation: Potential Implications for HIV Prevention. Frontiers in Immunology, 2021, 12, 778455. | 4.8 | 5 |
| 10 | Anti- α 4 β 7 monoclonal antibody-conjugated nanoparticles block integrin α 4 β 7 on intravaginal T cells in rhesus macaques. Science Advances, 2020, 6, . | 10.3 | 6 |
| 11 | Autophagy induction and PDGFR- β knockdown by siRNA-encapsulated nanoparticles reduce chlamydia trachomatis infection. Scientific Reports, 2019, 9, 1306. | 3.3 | 23 |
| 12 | Implant delivering hydroxychloroquine attenuates vaginal T lymphocyte activation and inflammation. Journal of Controlled Release, 2018, 277, 102-113. | 9.9 | 12 |
| 13 | A new strategy for battling bacterial resistance: Turning potent, non-selective and potentially non-resistance-inducing biocides into selective ones. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 471-481. | 3.3 | 9 |
| 14 | Dynamic mechanical behaviour of nanoparticle loaded biodegradable PVA films for vaginal drug delivery. Journal of Biomaterials Applications, 2018, 32, 1119-1126. | 2.4 | 15 |
| 15 | Design and development of pH-responsive polyurethane membranes for intravaginal release of nanomedicines. Acta Biomaterialia, 2018, 82, 12-23. | 8.3 | 32 |
| 16 | Using safe, affordable and accessible non-steroidal anti-inflammatory drugs to reduce the number of HIV target cells in the blood and at the female genital tract. Journal of the International AIDS Society, 2018, 21, e25150. | 3.0 | 21 |
| 17 | Switchable On-Demand Release of a Nanocarrier from a Segmented Reservoir Type Intravaginal Ring Filled with a pH-Responsive Supramolecular Polyurethane Hydrogel. ACS Applied Bio Materials, 2018, 1, 652-662. | 4.6 | 13 |
| 18 | Current State of Microbicide Development. Clinical Pharmacology and Therapeutics, 2018, 104, 1074-1081. | 4.7 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Development of antibody-modified chitosan nanoparticles for the targeted delivery of siRNA across the blood-brain barrier as a strategy for inhibiting HIV replication in astrocytes. <i>Drug Delivery and Translational Research</i> , 2017, 7, 497-506. | 5.8 | 102 |
| 20 | Self-assembled nanoparticles made from a new PEGylated poly(aspartic acid) graft copolymer for intravaginal delivery of poorly water-soluble drugs. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 2082-2099. | 3.5 | 10 |
| 21 | Reversibly pH-responsive polyurethane membranes for on-demand intravaginal drug delivery. <i>Acta Biomaterialia</i> , 2017, 47, 100-112. | 8.3 | 39 |
| 22 | Disposition, Metabolism and Histone Deacetylase and Acetyltransferase Inhibition Activity of Tetrahydrocurcumin and Other Curcuminoids. <i>Pharmaceutics</i> , 2017, 9, 45. | 4.5 | 21 |
| 23 | Nanoparticles Encapsulated with LL37 and Serpin A1 Promotes Wound Healing and Synergistically Enhances Antibacterial Activity. <i>Molecular Pharmaceutics</i> , 2016, 13, 2318-2331. | 4.6 | 94 |
| 24 | Protein/peptide-based entry/fusion inhibitors as anti-HIV therapies: challenges and future direction. <i>Reviews in Medical Virology</i> , 2016, 26, 4-20. | 8.3 | 22 |
| 25 | Impact of Hydroxychloroquine-Loaded Polyurethane Intravaginal Rings on Lactobacilli. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7680-7686. | 3.2 | 24 |
| 26 | Biodegradable Film for the Targeted Delivery of siRNA-Loaded Nanoparticles to Vaginal Immune Cells. <i>Molecular Pharmaceutics</i> , 2015, 12, 2889-2903. | 4.6 | 58 |
| 27 | Fungicidal activity of AKWATON and in vitro assessment of its toxic effects on animal cells. <i>Journal of Medical Microbiology</i> , 2015, 64, 59-66. | 1.8 | 5 |
| 28 | Pharmacological effects of a C-phycocyanin-based multicomponent nutraceutical in an in-vitro canine chondrocyte model of osteoarthritis. <i>Canadian Journal of Veterinary Research</i> , 2015, 79, 241-9. | 0.2 | 4 |
| 29 | Development of polyether urethane intravaginal rings for the sustained delivery of hydroxychloroquine. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1801. | 4.3 | 16 |
| 30 | Development of an Analytical Method for the Rapid Quantitation of Peptides Used in Microbicide Formulations. <i>Chromatographia</i> , 2014, 77, 1713-1720. | 1.3 | 6 |
| 31 | Advancements in the field of intravaginal siRNA delivery. <i>Journal of Controlled Release</i> , 2013, 167, 29-39. | 9.9 | 56 |
| 32 | Characterization of Long-Circulating Cationic Nanoparticle Formulations Consisting of a Two-Stage PEGylation Step for the Delivery of siRNA in a Breast Cancer Tumor Model. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 227-236. | 3.3 | 26 |
| 33 | Novel intravaginal nanomedicine for the targeted delivery of saquinavir to CD4+ immune cells. <i>International Journal of Nanomedicine</i> , 2013, 8, 2847. | 6.7 | 25 |
| 34 | Targeting the metabolism of leukemia stem cells as a novel therapeutic strategy. <i>Drugs in Context</i> , 2013, 2013, 1-2. | 2.2 | 0 |
| 35 | Characterization of Cationic Liposome Formulations Designed to Exhibit Extended Plasma Residence Times and Tumor Vasculature Targeting Properties. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2839-2853. | 3.3 | 39 |
| 36 | Drug release mechanism of paclitaxel from a chitosan-lipid implant system: Effect of swelling, degradation and morphology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 149-157. | 4.3 | 63 |

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|----|--|-----|-----------|
| 37 | KLF6 and HSF4 transcriptionally regulate multidrug resistance transporters during inflammation. Biochemical and Biophysical Research Communications, 2007, 353, 679-685. | 2.1 | 12 |
| 38 | Impact of intraperitoneal, sustained delivery of paclitaxel on the expression of P-glycoprotein in ovarian tumors. Journal of Controlled Release, 2007, 117, 20-27. | 9.9 | 57 |
| 39 | Novel drug-delivery strategies for the treatment of ovarian cancer. Expert Review of Obstetrics and Gynecology, 2007, 2, 587-593. | 0.4 | 0 |
| 40 | In vivo disposition and stability of DNA frayed wires in mice. International Journal of Biological Macromolecules, 2006, 39, 310-316. | 7.5 | 0 |
| 41 | Regulation of Multidrug Resistance by Pro-Inflammatory Cytokines. Current Cancer Drug Targets, 2006, 6, 295-311. | 1.6 | 79 |
| 42 | In vitro and in vivo characterization of a novel biocompatible polymerâ€œlipid implant system for the sustained delivery of paclitaxel. Journal of Controlled Release, 2005, 104, 181-191. | 9.9 | 63 |
| 43 | Drug Delivery: Intravaginal, Advantages and Challenges. , 0, , 2712-2725. | | 0 |