

# Eric Allmann

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,894  
citations

279701

23  
h-index

197736

49  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation Techniques and Mechanisms of Formation of Biodegradable Nanoparticles from Preformed Polymers. <i>Drug Development and Industrial Pharmacy</i> , 1998, 24, 1113-1128.	0.9	474
2	Antileishmanial Activity of Dimeric Flavonoids Isolated from <i>Arrabidaea brachypoda</i> . <i>Molecules</i> , 2019, 24, 1.	1.7	370
3	Biodegradable nanoparticles "From sustained release formulations to improved site specific drug delivery. <i>Journal of Controlled Release</i> , 1996, 39, 339-350.	4.8	240
4	In vitro extended-release properties of drug-loaded poly(DL-lactic acid) nanoparticles produced by a salting-out procedure. <i>Pharmaceutical Research</i> , 1993, 10, 1732-1737.	1.7	185
5	Preparation and characterization of nanocapsules from preformed polymers by a new process based on emulsification-diffusion technique. <i>Pharmaceutical Research</i> , 1998, 15, 1056-1062.	1.7	182
6	Formulation and lyoprotection of poly(lactic acid-co-ethylene oxide) nanoparticles: influence on physical stability and in vitro cell uptake. <i>Pharmaceutical Research</i> , 1999, 16, 859-866.	1.7	134
7	Recent advances in intra-articular drug delivery systems for osteoarthritis therapy. <i>Drug Discovery Today</i> , 2018, 23, 1761-1775.	3.2	131
8	Effect of particle size on the biodistribution of nano- and microparticles following intra-articular injection in mice. <i>International Journal of Pharmaceutics</i> , 2016, 498, 119-129.	2.6	92
9	Internalization of poly(D,L-lactic acid) nanoparticles by isolated human leukocytes and analysis of plasma proteins adsorbed onto the particles. <i>Journal of Biomedical Materials Research Part B</i> , 1994, 28, 471-481.	3.0	87
10	Photodynamic therapy of tumours with hexadecafluoro zinc phthalocyanine formulated in PEG-coated poly(lactic acid) nanoparticles. , 1996, 66, 821-824.		87
11	Self-assembled thermoresponsive nanostructures of hyaluronic acid conjugates for osteoarthritis therapy. <i>Nanoscale</i> , 2018, 10, 1845-1854.	2.8	64
12	In vivo clot lysis of human thrombus with intravenous abciximab immunobubbles and ultrasound. <i>Thrombosis Research</i> , 2009, 124, 70-74.	0.8	61
13	Nanocrystals of a potent p38 MAPK inhibitor embedded in microparticles: Therapeutic effects in inflammatory and mechanistic murine models of osteoarthritis. <i>Journal of Controlled Release</i> , 2018, 276, 102-112.	4.8	51
14	Freeze-Drying and Lyopreservation of Diblock and Triblock Poly(Lactic Acid)-Poly(Ethylene Oxide) (PLA-PEO) Copolymer Nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2000, 5, 473-483.	1.1	49
15	Nanocrystal-Polymer Particles: Extended Delivery Carriers for Osteoarthritis Treatment. <i>Small</i> , 2018, 14, 1703108.	5.2	48
16	Polymer-based nanoparticles loaded with a TLR7 ligand to target the lymph node for immunostimulation. <i>International Journal of Pharmaceutics</i> , 2018, 535, 444-451.	2.6	48
17	In Vitro Sonothrombolysis of Human Blood Clots with BR38 Microbubbles. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1222-1233.	0.7	46
18	Imaging the porous structure in the core of degrading PLGA microparticles: The effect of molecular weight. <i>Journal of Controlled Release</i> , 2018, 286, 231-239.	4.8	44

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19	Identification and Mode of Action of a Plant Natural Product Targeting Human Fungal Pathogens. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	35
20	[4]Heliceneâ€“Squalene Fluorescent Nanoassemblies for Specific Targeting of Mitochondria in Liveâ€“Cell Imaging. Advanced Functional Materials, 2017, 27, 1701839.	7.8	32
21	Perivascular sustained release of atorvastatin from a hydrogel-microparticle delivery system decreases intimal hyperplasia. Journal of Controlled Release, 2016, 232, 93-102.	4.8	29
22	Inhibition of HIV-1 in cell culture by oligonucleotide-loaded nanoparticles. Pharmaceutical Research, 2001, 18, 1096-1101.	1.7	28
23	Development of resiquimod-loaded modified PLA-based nanoparticles for cancer immunotherapy: A kinetic study. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 139, 253-261.	2.0	28
24	Perivascular medical devices and drug delivery systems: Making the right choices. Biomaterials, 2017, 128, 56-68.	5.7	26
25	Photodynamic activities and biodistribution of fluorinated zinc phthalocyanine derivatives in the murine EMT-6 tumour model. , 1997, 72, 289-294.		24
26	Tunable phosphatase-sensitive stable prodrugs of 5-aminolevulinic acid for tumor fluorescence photodetection. Journal of Controlled Release, 2016, 235, 155-164.	4.8	24
27	Intra-articular bioactivity of a p38 MAPK inhibitor and development of an extended-release system. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 110-117.	2.0	21
28	Activity of phosphatase-sensitive 5-aminolevulinic acid prodrugs in cancer cell lines. Journal of Photochemistry and Photobiology B: Biology, 2017, 171, 34-42.	1.7	20
29	Selfâ€“Assembled Nanomicelles as MRI Bloodâ€“Pool Contrast Agent. Chemistry - A European Journal, 2018, 24, 1348-1357.	1.7	19
30	MRI micelles self-assembled from synthetic gadolinium-based nano building blocks. Chemical Communications, 2019, 55, 945-948.	2.2	19
31	Osteoarthritis In Vitro Models: Applications and Implications in Development of Intra-Articular Drug Delivery Systems. Pharmaceutics, 2021, 13, 60.	2.0	18
32	Combination of mesenchymal stem cells and bioactive molecules in hydrogels for osteoarthritis treatment. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 172, 41-52.	2.0	17
33	Nano wet milled celecoxib extended release microparticles for local management of chronic inflammation. International Journal of Pharmaceutics, 2020, 589, 119783.	2.6	16
34	Encapsulation of alimentary bioactive oils of the Baikal Lake area into pH-sensitive micro- and nanoparticles. LWT - Food Science and Technology, 2013, 53, 271-277.	2.5	15
35	Fibrin degradation during sonothrombolysis â€“ Effect of ultrasound, microbubbles and tissue plasminogen activator. Journal of Drug Delivery Science and Technology, 2015, 25, 29-35.	1.4	12
36	Metformin hydrochloride microencapsulation by complex coacervation: Study of size distribution and encapsulation yield using response surface methodology. Journal of Drug Delivery Science and Technology, 2018, 45, 184-195.	1.4	12

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37	Evaluating intimal hyperplasia under clinical conditions. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 427-436.	0.5	12
38	Bioguided identification of pentacyclic triterpenoids as anti-inflammatory bioactive constituents of <i>Ocimum gratissimum</i> extract. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113637.	2.0	11
39	Design and characterization of a perivascular PLGA coated PET mesh sustaining the release of atorvastatin for the prevention of intimal hyperplasia. <i>International Journal of Pharmaceutics</i> , 2018, 537, 40-47.	2.6	9
40	Squalene-PEG: Pyropheophorbide-a nanoconstructs for tumor theranostics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 243-251.	1.7	9
41	Vascular-targeted micelles as a specific MRI contrast agent for molecular imaging of fibrin clots and cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 347-358.	2.0	9
42	Nanoforming Hyaluronan-Based Thermoresponsive Hydrogels: Optimized and Tunable Functionality in Osteoarthritis Management. <i>Pharmaceutics</i> , 2022, 14, 659.	2.0	8
43	Identification of Potential Antiseizure Agents in <i>Boswellia sacra</i> using <i>In Vivo</i> Zebrafish and Mouse Epilepsy Models. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1791-1801.	1.7	7
44	Combination of Hyaluronan and Lyophilized Progenitor Cell Derivatives: Stabilization of Functional Hydrogel Products for Therapeutic Management of Tendinous Tissue Disorders. <i>Pharmaceutics</i> , 2021, 13, 2196.	2.0	7
45	Squalene-PEG-Exendin as High-Affinity Constructs for Pancreatic Beta-Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 2531-2540.	1.8	6
46	Cathepsin B-Cleavable Cyclopeptidic Chemotherapeutic Prodrugs. <i>Molecules</i> , 2020, 25, 4285.	1.7	6
47	In Vitro Anti-Inflammatory Activity in Arthritic Synoviocytes of <i>A. brachypoda</i> Root Extracts and Its Unusual Dimeric Flavonoids. <i>Molecules</i> , 2020, 25, 5219.	1.7	6
48	New cytotoxic obacunone-type limonoid and others constituents from the stem bark of <i>Carapa procera</i> DC (Meliaceae). <i>Natural Product Research</i> , 2022, 36, 2783-2790.	1.0	6
49	Fecal microbiota transplantation: a review on current formulations in <i>Clostridioides difficile</i> infection and future outlooks. <i>Expert Opinion on Biological Therapy</i> , 2022, 22, 929-944.	1.4	6
50	Pharmaceutical Technology at the Service of Targeted Drug Delivery. <i>Chimia</i> , 2012, 66, 308-312.	0.3	3
51	Photodynamic activities and biodistribution of fluorinated zinc phthalocyanine derivatives in the murine EMT tumour model. <i>International Journal of Cancer</i> , 1997, 72, 289-294.	2.3	1