

Sean M Geary

List of Publications by Year in descending order

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32
papers

1,640
citations

394421

19
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

3158
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printing of Scaffolds for Tissue Regeneration Applications. <i>Advanced Healthcare Materials</i> , 2015, 4, 1742-1762.	7.6	692
2	Biomimetic Mineralization of Biomaterials Using Simulated Body Fluids for Bone Tissue Engineering and Regenerative Medicine. <i>Tissue Engineering - Part A</i> , 2017, 23, 1169-1180.	3.1	102
3	Size-dependent cytotoxicity of copper oxide nanoparticles in lung epithelial cells. <i>Environmental Science: Nano</i> , 2016, 3, 365-374.	4.3	78
4	Nanoparticle-Based Delivery of CRISPR/Cas9 Genome-Editing Therapeutics. <i>AAPS Journal</i> , 2018, 20, 108.	4.4	67
5	Tissue Engineering for the Temporomandibular Joint. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801236.	7.6	65
6	Bone Regeneration Using Gene-Activated Matrices. <i>AAPS Journal</i> , 2017, 19, 43-53.	4.4	64
7	Biodegradable particles as vaccine antigen delivery systems for stimulating cellular immune responses. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2584-2590.	3.3	63
8	Synthetically lethal nanoparticles for treatment of endometrial cancer. <i>Nature Nanotechnology</i> , 2018, 13, 72-81.	31.5	53
9	The Combination of a Low-Dose Chemotherapeutic Agent, 5-Fluorouracil, and an Adenoviral Tumor Vaccine Has a Synergistic Benefit on Survival in a Tumor Model System. <i>PLoS ONE</i> , 2013, 8, e67904.	2.5	47
10	Controlled and Sequential Delivery of Fluorophores from 3D Printed Alginate-PLGA Tubes. <i>Annals of Biomedical Engineering</i> , 2017, 45, 297-305.	2.5	46
11	The effect of polyanhydride chemistry in particle-based cancer vaccines on the magnitude of the anti-tumor immune response. <i>Acta Biomaterialia</i> , 2017, 50, 417-427.	8.3	45
12	Prostate cancer vaccines. <i>Oncolmmunology</i> , 2013, 2, e24523.	4.6	34
13	Fabrication and Use of Poly(D,L-lactide-co-glycolide)-Based Formulations Designed for Modified Release of 5-Fluorouracil. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 513-528.	3.3	30
14	Enhancement of Therapies for Glioblastoma (GBM) Using Nanoparticle-based Delivery Systems. <i>AAPS PharmSciTech</i> , 2021, 22, 71.	3.3	28
15	Diaminosulfide based polymer microparticles as cancer vaccine delivery systems. <i>Journal of Controlled Release</i> , 2015, 220, 682-690.	9.9	26
16	Single Dose of a Polyanhydride Particle-Based Vaccine Generates Potent Antigen-Specific Antitumor Immune Responses. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 855-863.	2.5	22
17	Silicon Nanowires and Their Impact on Cancer Detection and Monitoring. <i>ACS Applied Nano Materials</i> , 2020, 3, 8522-8536.	5.0	22
18	Nanoparticle-based CpG-oligonucleotide therapy for treating allergic asthma. <i>Immunotherapy</i> , 2018, 10, 595-604.	2.0	20

#	ARTICLE	IF	CITATIONS
19	Assessing the effect of engineered nanomaterials on the environment and human health. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 405-408.	2.9	19
20	Proposed mechanisms of action for prostate cancer vaccines. <i>Nature Reviews Urology</i> , 2013, 10, 149-160.	3.8	15
21	Combining ultrasound and intratumoral administration of doxorubicin-loaded microspheres to enhance tumor cell killing. <i>International Journal of Pharmaceutics</i> , 2018, 539, 139-146.	5.2	15
22	Combining Doxorubicin-Loaded PEGylated Poly(Lactide-co-glycolide) Nanoparticles with Checkpoint Inhibition Safely Enhances Therapeutic Efficacy in a Melanoma Model. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2659-2667.	5.2	15
23	Surface-modified particles loaded with CaMKII inhibitor protect cardiac cells against mitochondrial injury. <i>International Journal of Pharmaceutics</i> , 2017, 520, 275-283.	5.2	12
24	Pentaerythritol-based lipid A bolsters the antitumor efficacy of a polyanhydride particle-based cancer vaccine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102055.	3.3	11
25	Skin Penetration Enhancement Strategies Used in the Development of Melanoma Topical Treatments. <i>AAPS Journal</i> , 2021, 23, 19.	4.4	11
26	Production of Adjuvant-Loaded Biodegradable Particles for Use in Cancer Vaccines. <i>Methods in Molecular Biology</i> , 2017, 1494, 201-213.	0.9	9
27	Cyclohepta[<i>b</i>]thiophenes as Potential Antiproliferative Agents: Design, Synthesis, <i>In Vitro</i> , and <i>In Vivo</i> Anticancer Evaluation. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 965-977.	4.9	8
28	Thiophene Derivative-Loaded Nanoparticles Mediate Anticancer Activity Through the Inhibition of Kinases and Microtubule Assembly. <i>Advanced Therapeutics</i> , 2021, 4, 2100058.	3.2	7
29	Exploiting the Tumor Phenotype Using Biodegradable Submicron Carriers of Chemotherapeutic Drugs. <i>Critical Reviews in Oncogenesis</i> , 2014, 19, 269-280.	0.4	5
30	The MEK 1/2 inhibitor PD98059 exhibits synergistic anti-endometrial cancer activity with paclitaxel in vitro and enhanced tissue distribution in vivo when formulated into PAMAM-coated PLGA-PEG nanoparticles. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1684-1696.	5.8	5
31	Preparation and Characterization of a Liver Targeted, Poly(amidoamine) Based, Gene Delivery System. <i>Methods in Molecular Biology</i> , 2022, 2455, 319-332.	0.9	4
32	Implications of current and future approaches to coronavirus disease 2019 testing. <i>Future Virology</i> , 2020, 15, 551-556.	1.8	0