

Joseph M Caster

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/899943/joseph-m-caster-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

2,140
citations

22
h-index

32
g-index

32
ext. papers

2,476
ext. citations

10.1
avg, IF

4.96
L-index

#	Paper	IF	Citations
31	Investigational Nanomedicines in 2016: A Review of Nanotherapeutics Currently Undergoing Clinical Trials * 2021 , 499-538		
30	Combination Therapy with Radiation and PARP Inhibition Enhances Responsiveness to Anti-PD-1 Therapy in Colorectal Tumor Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 108, 81-92	4	12
29	First-in-Human Phase I Clinical Trial of Pharmacologic Ascorbate Combined with Radiation and Temozolomide for Newly Diagnosed Glioblastoma. <i>Clinical Cancer Research</i> , 2019 , 25, 6590-6597	12.9	25
28	Optimizing Advances in Nanoparticle Delivery for Cancer Immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2019 , 144, 3-15	18.5	29
27	Effect of internal mammary vessels radiation dose on outcomes of free flap breast reconstruction. <i>Breast Journal</i> , 2019 , 25, 286-289	1.2	5
26	Nanotechnology in Radiation Oncology. <i>Hematology/Oncology Clinics of North America</i> , 2019 , 33, 1071-1093	19.3	7
25	Organ-specific metastases obtained by culturing colorectal cancer cells on tissue-specific decellularized scaffolds. <i>Nature Biomedical Engineering</i> , 2018 , 2, 443-452	19	53
24	Multivalent Binding and Biomimetic Cell Rolling Improves the Sensitivity and Specificity of Circulating Tumor Cell Capture. <i>Clinical Cancer Research</i> , 2018 , 24, 2539-2547	12.9	22
23	Investigational nanomedicines in 2016: a review of nanotherapeutics currently undergoing clinical trials. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017 , 9, e1416	9.2	235
22	Effect of particle size on the biodistribution, toxicity, and efficacy of drug-loaded polymeric nanoparticles in chemoradiotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1673-1683	6	50
21	Applying nanotherapeutics to improve chemoradiotherapy treatment for cancer. <i>Therapeutic Delivery</i> , 2017 , 8, 791-803	3.8	6
20	Antigen-capturing nanoparticles improve the abscopal effect and cancer immunotherapy. <i>Nature Nanotechnology</i> , 2017 , 12, 877-882	28.7	379
19	CRLX101, a Nanoparticle-Drug Conjugate Containing Camptothecin, Improves Rectal Cancer Chemoradiotherapy by Inhibiting DNA Repair and HIF1 α <i>Cancer Research</i> , 2017 , 77, 112-122	10.1	44
18	Nanoparticle delivery of chemotherapy combination regimen improves the therapeutic efficacy in mouse models of lung cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1301-1307	6	15
17	Folate-targeted pH-responsive calcium zoledronate nanoscale metal-organic frameworks: Turning a bone antiresorptive agent into an anticancer therapeutic. <i>Biomaterials</i> , 2016 , 82, 178-93	15.6	82
16	Preclinical Evaluation of Prometil, a Radiation-Responsive Liposomal Formulation of Mitomycin C Prodrug, in Chemoradiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 547-55	4	13
15	Clinical Translation of Nanomedicine. <i>Chemical Reviews</i> , 2015 , 115, 11147-90	68.1	494

14	Risk of Pathologic Upgrading or Locally Advanced Disease in Early Prostate Cancer Patients Based on Biopsy Gleason Score and PSA: A Population-Based Study of Modern Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 244-51	4	37
13	Improving Cancer Chemoradiotherapy Treatment by Dual Controlled Release of Wortmannin and Docetaxel in Polymeric Nanoparticles. <i>ACS Nano</i> , 2015 , 9, 8976-96	16.7	61
12	Improving DNA double-strand repair inhibitor KU55933 therapeutic index in cancer radiotherapy using nanoparticle drug delivery. <i>Nanoscale</i> , 2015 , 7, 20211-9	7.7	24
11	Direct Observation of Early-Stage High-Dose Radiotherapy-Induced Vascular Injury via Basement Membrane-Targeting Nanoparticles. <i>Small</i> , 2015 , 11, 6404-10	11	8
10	Nanoparticle formulations of histone deacetylase inhibitors for effective chemoradiotherapy in solid tumors. <i>Biomaterials</i> , 2015 , 51, 208-215	15.6	51
9	Nanoparticle delivery of chemosensitizers improve chemotherapy efficacy without incurring additional toxicity. <i>Nanoscale</i> , 2015 , 7, 2805-11	7.7	30
8	Individual differences in psychostimulant responses of female rats are associated with ovarian hormones and dopamine neuroanatomy. <i>Neuropharmacology</i> , 2012 , 62, 2267-77	5.5	20
7	The role of calcineurin/NFAT in SFRP2 induced angiogenesis--a rationale for breast cancer treatment with the calcineurin inhibitor tacrolimus. <i>PLoS ONE</i> , 2011 , 6, e20412	3.7	60
6	Dopamine uptake inhibitors but not dopamine releasers induce greater increases in motor behavior and extracellular dopamine in adolescent rats than in adult male rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 124-32	4.7	32
5	Novelty-induced locomotion is positively associated with cocaine ingestion in adolescent rats; anxiety is correlated in adults. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 91, 398-408	3.9	29
4	Are adolescents more vulnerable to drug addiction than adults? Evidence from animal models. <i>Psychopharmacology</i> , 2009 , 206, 1-21	4.7	157
3	Gonadal steroids mediate the opposite changes in cocaine-induced locomotion across adolescence in male and female rats. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 89, 314-23	3.9	47
2	A single high dose of cocaine induces differential sensitization to specific behaviors across adolescence. <i>Psychopharmacology</i> , 2007 , 193, 247-60	4.7	44
1	Enhanced behavioral response to repeated-dose cocaine in adolescent rats. <i>Psychopharmacology</i> , 2005 , 183, 218-25	4.7	68