

Joseph M Caster

List of Publications by Citations

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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	Clinical Translation of Nanomedicine. <i>Chemical Reviews</i> , 2015 , 115, 11147-90	68.1	494
30	Antigen-capturing nanoparticles improve the abscopal effect and cancer immunotherapy. <i>Nature Nanotechnology</i> , 2017 , 12, 877-882	28.7	379
29	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
28	Are adolescents more vulnerable to drug addiction than adults? Evidence from animal models. <i>Psychopharmacology</i> , 2009 , 206, 1-21	4.7	157
27	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
26	Enhanced behavioral response to repeated-dose cocaine in adolescent rats. <i>Psychopharmacology</i> , 2005 , 183, 218-25	4.7	68
25	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
24	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
23	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
22	Nanoparticle formulations of histone deacetylase inhibitors for effective chemoradiotherapy in solid tumors. <i>Biomaterials</i> , 2015 , 51, 208-215	15.6	51
21	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
20	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
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	A single high dose of cocaine induces differential sensitization to specific behaviors across adolescence. <i>Psychopharmacology</i> , 2007 , 193, 247-60	4.7	44
17	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
16	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
15	Nanoparticle delivery of chemosensitizers improve chemotherapy efficacy without incurring additional toxicity. <i>Nanoscale</i> , 2015 , 7, 2805-11	7.7	30

14	Optimizing Advances in Nanoparticle Delivery for Cancer Immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2019 , 144, 3-15	18.5	29
13	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
12	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
11	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
10	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
9	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
8	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
7	Preclinical Evaluation of Promitil, 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
6	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
5	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
4	Nanotechnology in Radiation Oncology. <i>Hematology/Oncology Clinics of North America</i> , 2019 , 33, 1071-1093	9.3	7
3	Applying nanotherapeutics to improve chemoradiotherapy treatment for cancer. <i>Therapeutic Delivery</i> , 2017 , 8, 791-803	3.8	6
2	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
1	Investigational Nanomedicines in 2016: A Review of Nanotherapeutics Currently Undergoing Clinical Trials * 2021 , 499-538		