

# Rachael G Mooney

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

769  
citations

567144

15  
h-index

642610

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Stem Cell-Mediated Intratumoral Delivery of Gold Nanorods Improves Photothermal Therapy. ACS Nano, 2014, 8, 12450-12460.	7.3	139
2	Effect of macromer weight percent on neural cell growth in 2D and 3D nondegradable PEG hydrogel culture. Journal of Biomedical Materials Research - Part A, 2010, 94A, 1162-1171.	2.1	76
3	Gold Nanoparticle-Loaded Neural Stem Cells for Photothermal Ablation of Cancer. Advanced Healthcare Materials, 2013, 2, 976-982.	3.9	59
4	Neural stem cells improve intracranial nanoparticle retention and tumor-selective distribution. Future Oncology, 2014, 10, 401-415.	1.1	51
5	Conjugation of pH-responsive nanoparticles to neural stem cells improves intratumoral therapy. Journal of Controlled Release, 2014, 191, 82-89.	4.8	51
6	Concise Review: Neural Stem Cell-Mediated Targeted Cancer Therapies. Stem Cells Translational Medicine, 2018, 7, 740-747.	1.6	49
7	Specific Fibrinogen and Thrombin Concentrations Promote Neuronal Rather Than Glial Growth When Primary Neural Cells Are Seeded Within Plasma-Derived Fibrin Gels. Tissue Engineering - Part A, 2010, 16, 1607-1619.	1.6	44
8	Cell-mediated enzyme prodrug cancer therapies. Advanced Drug Delivery Reviews, 2017, 118, 35-51.	6.6	41
9	Gold nanorod-mediated near-infrared laser ablation: <i>in vivo</i> experiments on mice and theoretical analysis at different settings. International Journal of Hyperthermia, 2017, 33, 150-159.	1.1	41
10	Enhanced Delivery of Oncolytic Adenovirus by Neural Stem Cells for Treatment of Metastatic Ovarian Cancer. Molecular Therapy - Oncolytics, 2019, 12, 79-92.	2.0	36
11	Intraperitoneal Administration of Neural Stem Cell-Nanoparticle Conjugates Targets Chemotherapy to Ovarian Tumors. Bioconjugate Chemistry, 2017, 28, 1767-1776.	1.8	34
12	Specific targeting of ovarian tumor-associated macrophages by large, anionic nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19737-19745.	3.3	27
13	Control of Neural Cell Composition in Poly(Ethylene Glycol) Hydrogel Culture with Soluble Factors. Tissue Engineering - Part A, 2011, 17, 2805-2815.	1.6	24
14	L- MYC Expression Maintains Self-Renewal and Prolongs Multipotency of Primary Human Neural Stem Cells. Stem Cell Reports, 2016, 7, 483-495.	2.3	17
15	Neural Stem Cells Improve the Delivery of Oncolytic Chimeric Orthopoxvirus in a Metastatic Ovarian Cancer Model. Molecular Therapy - Oncolytics, 2020, 18, 326-334.	2.0	17
16	Thermal analysis of laser irradiation-gold nanorod combinations at 808 nm, 940 nm, 975 nm and 1064 nm wavelengths in breast cancer model. International Journal of Hyperthermia, 2021, 38, 1099-1110.	1.1	14
17	Bcl-2 Overexpression Improves Survival and Efficacy of Neural Stem Cell-Mediated Enzyme Prodrug Therapy. Stem Cells International, 2018, 2018, 1-13.	1.2	10
18	Silica Coated Paclitaxel Nanocrystals Enable Neural Stem Cell Loading For Treatment of Ovarian Cancer. Bioconjugate Chemistry, 2019, 30, 1415-1424.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Indentation micromechanics of three-dimensional fibrin/collagen biomaterial scaffolds. <i>Journal of Materials Research</i> , 2006, 21, 2023-2034.	1.2	9
20	Novel Chimeric Poxvirus CF17 Improves Survival in a Murine Model of Intraperitoneal Ovarian Cancer Metastasis. <i>Molecular Therapy - Oncolytics</i> , 2020, 19, 278-282.	2.0	5
21	Allogeneic human neural stem cells for improved therapeutic delivery to peritoneal ovarian cancer. <i>Stem Cell Research and Therapy</i> , 2021, 12, 205.	2.4	5
22	NSCs are permissive to oncolytic <i>Myxoma virus</i> and provide a delivery method for targeted ovarian cancer therapy. <i>Oncotarget</i> , 2020, 11, 4693-4698.	0.8	5
23	Multiple Treatment Cycles of Neural Stem Cell Delivered Oncolytic Adenovirus for the Treatment of Glioblastoma. <i>Cancers</i> , 2021, 13, 6320.	1.7	5
24	Cancer Therapy: Gold Nanoparticle-Loaded Neural Stem Cells for Photothermal Ablation of Cancer (Adv. Healthcare Mater. 7/2013). <i>Advanced Healthcare Materials</i> , 2013, 2, 922-922.	3.9	0
25	Neural stem cell-mediated brain tumor therapy. , 2021, , 161-179.		0