

Rong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,055
citations

567144

15
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

2213
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high drug loading improves nanoparticle efficacy against peritoneal mesothelioma. <i>Biomaterials</i> , 2022, 285, 121534.	5.7	5
2	Paclitaxel-loaded expansile nanoparticles improve survival following cytoreductive surgery in pleural mesothelioma xenografts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, e159-e168.	0.4	10
3	Reinforcement of polymeric nanoassemblies for ultra-high drug loadings, modulation of stiffness and release kinetics, and sustained therapeutic efficacy. <i>Nanoscale</i> , 2018, 10, 8360-8366.	2.8	10
4	Local Cancer Recurrence: The Realities, Challenges, and Opportunities for New Therapies. <i>Ca-A Cancer Journal for Clinicians</i> , 2018, 68, 488-505.	157.7	211
5	Highly Specific and Sensitive Fluorescent Nanoprobes for Image-Guided Resection of Sub-Millimeter Peritoneal Tumors. <i>ACS Nano</i> , 2017, 11, 1466-1477.	7.3	43
6	Synthesis of poly(1,2-glycerol carbonate)â€“paclitaxel conjugates and their utility as a single high-dose replacement for multi-dose treatment regimens in peritoneal cancer. <i>Chemical Science</i> , 2017, 8, 8443-8450.	3.7	23
7	Two-Step Delivery: Exploiting the Partition Coefficient Concept to Increase Intratumoral Paclitaxel Concentrations In vivo Using Responsive Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 18720.	1.6	20
8	Nanoparticle tumor localization, disruption of autophagosomal trafficking, and prolonged drug delivery improve survival in peritoneal mesothelioma. <i>Biomaterials</i> , 2016, 102, 175-186.	5.7	25
9	Prevention of lung cancer recurrence using cisplatin-loaded superhydrophobic nanofiber meshes. <i>Biomaterials</i> , 2016, 76, 273-281.	5.7	105
10	Paclitaxel-loaded expansile nanoparticles enhance chemotherapeutic drug delivery in mesothelioma 3-dimensional multicellular spheroids. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1417-1425.e1.	0.4	22
11	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1775-1776.	0.7	0
12	In Vitro Activity of Paclitaxel-Loaded Polymeric Expansile Nanoparticles in Breast Cancer Cells. <i>Biomacromolecules</i> , 2013, 14, 2074-2082.	2.6	41
13	Prevention of nodal metastases in breast cancer following the lymphatic migration of paclitaxel-loaded expansile nanoparticles. <i>Biomaterials</i> , 2013, 34, 1810-1819.	5.7	39
14	Cytoreductive Surgery and Intraoperative Administration of Paclitaxel-loaded Expansile Nanoparticles Delay Tumor Recurrence in Ovarian Carcinoma. <i>Annals of Surgical Oncology</i> , 2013, 20, 1684-1693.	0.7	29
15	Paclitaxel-Eluting Polymer Film Reduces Locoregional Recurrence and Improves Survival in a Recurrent Sarcoma Model: A Novel Investigational Therapy. <i>Annals of Surgical Oncology</i> , 2012, 19, 199-206.	0.7	44
16	Paclitaxel-Loaded Expansile Nanoparticles Delay Local Recurrence in a Heterotopic Murine Non-Small Cell Lung Cancer Model. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1077-1084.	0.7	26
17	The performance of expansile nanoparticles in a murine model of peritoneal carcinomatosis. <i>Biomaterials</i> , 2011, 32, 832-840.	5.7	51
18	Prevention of Local Tumor Recurrence Following Surgery Using Low-Dose Chemotherapeutic Polymer Films. <i>Annals of Surgical Oncology</i> , 2010, 17, 1203-1213.	0.7	62

#	ARTICLE	IF	CITATIONS
19	Expansile Nanoparticles: Synthesis, Characterization, and <i>in Vivo</i> Efficacy of an Acid-Responsive Polymeric Drug Delivery System. Journal of the American Chemical Society, 2009, 131, 2469-2471.	6.6	289