Rong Liu

List of Publications by Year
in descending order

19 papers	1,055 citations	567281 15 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	2213 citing authors

#	Article	IF	Citations
1	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.	13.7	289
2	Local Cancer Recurrence: The Realities, Challenges, and Opportunities for New Therapies. Ca-A Cancer Journal for Clinicians, 2018, 68, 488-505.	329.8	211
3	Prevention of lung cancer recurrence using cisplatin-loaded superhydrophobic nanofiber meshes. Biomaterials, 2016, 76, 273-281.	11.4	105
4	Prevention of Local Tumor Recurrence Following Surgery Using Low-Dose Chemotherapeutic Polymer Films. Annals of Surgical Oncology, 2010, 17, 1203-1213.	1.5	62
5	The performance of expansile nanoparticles in a murine model of peritoneal carcinomatosis. Biomaterials, 2011, 32, 832-840.	11.4	51
6	Paclitaxel-Eluting Polymer Film Reduces Locoregional Recurrence and Improves Survival in a Recurrent Sarcoma Model: A Novel Investigational Therapy. Annals of Surgical Oncology, 2012, 19, 199-206.	1.5	44
7	Highly Specific and Sensitive Fluorescent Nanoprobes for Image-Guided Resection of Sub-Millimeter Peritoneal Tumors. ACS Nano, 2017, 11, 1466-1477.	14.6	43
8	In Vitro Activity of Paclitaxel-Loaded Polymeric Expansile Nanoparticles in Breast Cancer Cells. Biomacromolecules, 2013, 14, 2074-2082.	5.4	41
9	Prevention of nodal metastases in breast cancer following the lymphatic migration of paclitaxel-loaded expansile nanoparticles. Biomaterials, 2013, 34, 1810-1819.	11.4	39
10	Cytoreductive Surgery and Intraoperative Administration of Paclitaxel-loaded Expansile Nanoparticles Delay Tumor Recurrence in Ovarian Carcinoma. Annals of Surgical Oncology, 2013, 20, 1684-1693.	1.5	29
11	Paclitaxel-Loaded Expansile Nanoparticles Delay Local Recurrence in a Heterotopic Murine Non-Small Cell Lung Cancer Model. Annals of Thoracic Surgery, 2011, 91, 1077-1084.	1.3	26
12	Nanoparticle tumor localization, disruption of autophagosomal trafficking, and prolonged drug delivery improve survival in peritoneal mesothelioma. Biomaterials, 2016, 102, 175-186.	11.4	25
13	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. Chemical Science, 2017, 8, 8443-8450.	7.4	23
14	Paclitaxel-loaded expansile nanoparticles enhance chemotherapeutic drug delivery in mesothelioma 3-dimensional multicellular spheroids. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1417-1425.e1.	0.8	22
15	Two-Step Delivery: Exploiting the Partition Coefficient Concept to Increase Intratumoral Paclitaxel Concentrations In vivo Using Responsive Nanoparticles. Scientific Reports, 2016, 6, 18720.	3.3	20
16	Reinforcement of polymeric nanoassemblies for ultra-high drug loadings, modulation of stiffness and release kinetics, and sustained therapeutic efficacy. Nanoscale, 2018, 10, 8360-8366.	5.6	10
17	Paclitaxel-loaded expansile nanoparticles improve survival following cytoreductive surgery in pleural mesothelioma xenografts. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, e159-e168.	0.8	10
18	Ultra-high drug loading improves nanoparticle efficacy against peritoneal mesothelioma. Biomaterials, 2022, 285, 121534.	11.4	5

#	Article	IF	Citations
19	Invited Commentary. Annals of Thoracic Surgery, 2014, 97, 1775-1776.	1.3	0