

Yolonda L Colson

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,356
citations

147566

31
h-index

110170

64
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95
all docs

95
docs citations

95
times ranked

7823
citing authors

#	ARTICLE	IF	CITATIONS
1	Lung Cancer in Women. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1965-1973.	0.7	2
2	G6PD functions as a metabolic checkpoint to regulate granzyme B expression in tumor-specific cytotoxic T lymphocytes. , 2022, 10, e003543.		10
3	H3K9me3 represses G6PD expression to suppress the pentose phosphate pathway and ROS production to promote human mesothelioma growth. <i>Oncogene</i> , 2022, , .	2.6	10
4	Incidence of Radiation Therapy Among Patients Enrolled in a Multidisciplinary Pulmonary Nodule and Lung Cancer Screening Clinic. <i>JAMA Network Open</i> , 2022, 5, e224840.	2.8	3
5	Drs. Braunwald, McKiel and Tutunji.... Thank you!. <i>Annals of Thoracic Surgery</i> , 2022, , .	0.7	0
6	Ultra-high drug loading improves nanoparticle efficacy against peritoneal mesothelioma. <i>Biomaterials</i> , 2022, 285, 121534.	5.7	5
7	The feasibility of using an autologous GM-CSF-secreting breast cancer vaccine to induce immunity in patients with stage IIa–III and metastatic breast cancers. <i>Breast Cancer Research and Treatment</i> , 2022, 194, 65-78.	1.1	10
8	Impact of Nodule Density in Women With Sublobar Resection for Stage IA Adenocarcinoma. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1067-1075.	0.7	4
9	Case 4-2021: A 70-Year-Old Woman with Dyspnea on Exertion and Abnormal Findings on Chest Imaging. <i>New England Journal of Medicine</i> , 2021, 384, 563-574.	13.9	0
10	Estimating the Impact of Extended Delay to Surgery for Stage I Non-small-cell Lung Cancer on Survival. <i>Annals of Surgery</i> , 2021, 273, 850-857.	2.1	20
11	Pulmonary Hemosiderosis with Calcification Associated with IgA Nephropathy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, e24-e25.	2.5	0
12	Delivery of eupenifeldin via polymer-coated surgical buttresses prevents local lung cancer recurrence. <i>Journal of Controlled Release</i> , 2021, 331, 260-269.	4.8	10
13	New USPSTF Guidelines for Lung Cancer Screening. <i>JAMA Surgery</i> , 2021, 156, 513.	2.2	18
14	Genomic Evolution in a Patient With Lung Adenocarcinoma With a Germline EGFR T790M Mutation. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100146.	0.6	0
15	Accuracy and Reproducibility of Intraoperative Assessment on Tumor Spread Through Air Spaces in Stage 1 Lung Adenocarcinomas. <i>Journal of Thoracic Oncology</i> , 2021, 16, 619-629.	0.5	21
16	Lung Cancer Strategist Program: A novel care delivery model to improve timeliness of diagnosis and treatment in high-risk patients. <i>Healthcare</i> , 2021, 9, 100563.	0.6	2
17	Pilot-scale production of expansile nanoparticles: Practical methods for clinical scale-up. <i>Journal of Controlled Release</i> , 2021, 337, 144-154.	4.8	11
18	Supraclavicular Approach for Neurogenic Thoracic Outlet Syndrome: Description of a Learning Curve. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1616-1623.	0.7	4

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19	Sustainable glycerol terpolycarbonates as temporary bioadhesives. <i>Biomaterials Science</i> , 2021, 9, 8366-8372.	2.6	4
20	Finding the "True" NO Cohort. <i>Annals of Surgery</i> , 2020, 272, 583-588.	2.1	6
21	Pancreatic Adenocarcinoma: Unconventional Approaches for an Unconventional Disease. <i>Cancer Research</i> , 2020, 80, 3179-3192.	0.4	15
22	Commentary: When "cutting edge" is "over the line". <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2541-2542.	0.4	0
23	Expansile Nanoparticles Encapsulate Factor Quinolinone Inhibitor 1 and Accumulate in Murine Liver upon Intravenous Administration. <i>Biomacromolecules</i> , 2020, 21, 1499-1506.	2.6	2
24	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
25	Coming in the NIR Future!. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1436.	0.7	1
26	Overuse of Diagnostic Brain Imaging Among Patients With Stage IA Non-Small Cell Lung Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2020, 18, 547-554.	2.3	8
27	Attrition of the cardiothoracic surgeon-scientist: Definition of the problem and remedial strategies. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 504-508.	0.4	18
28	Transbronchial biopsy catheter enhanced by a multisection continuum robot with follow-the-leader motion. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 2021-2029.	1.7	22
29	Transatlantic Editorial: Attrition of the Cardiothoracic Surgeon-Scientist: Definition of the Problem and Remedial Strategies. <i>Annals of Thoracic Surgery</i> , 2019, 108, 315-318.	0.7	6
30	Transatlantic Editorial: Attrition of the cardiothoracic surgeon-scientist: definition of the problem and remedial strategies. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 220-223.	0.6	1
31	Commentary: Tag, you're it! Finding and treating early lung cancers in a single setting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, e217-e218.	0.4	0
32	American Board of Thoracic Surgery 10-Year Maintenance of Certification Exam Improves and Validates Knowledge Acquisition. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1895-1900.	0.7	2
33	Polymer-drug conjugate therapeutics: advances, insights and prospects. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 273-294.	21.5	579
34	Progress in the Management of Early-Stage Non-Small Cell Lung Cancer in 2017. <i>Journal of Thoracic Oncology</i> , 2018, 13, 767-778.	0.5	24
35	Tension-Activated Delivery of Small Molecules and Proteins from Superhydrophobic Composites. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701096.	3.9	8
36	Long-term outcomes after near-infrared sentinel lymph node mapping in non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1280-1291.	0.4	32

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37	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
38	Near-Infrared Sentinel Lymph Node Identification in Non-Small Cell Lung Cancer. <i>JAMA Surgery</i> , 2018, 153, 487.	2.2	8
39	Feasibility and acceptability of "healthy directions" a lifestyle intervention for adults with lung cancer. <i>Psycho-Oncology</i> , 2018, 27, 250-257.	1.0	13
40	Clinical Outcomes After Lung Stereotactic Body Radiation Therapy in Patients With or Without a Prior Lung Resection. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 695-701.	0.6	7
41	Use of frailty to predict survival in elderly patients with early stage non-small-cell lung cancer treated with stereotactic body radiation therapy. <i>Journal of Geriatric Oncology</i> , 2018, 9, 130-137.	0.5	36
42	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
43	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
44	A novel technique for tumor localization and targeted lymphatic mapping in early-stage lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1110-1118.	0.4	54
45	Nanoparticle drug-delivery systems for peritoneal cancers: a case study of the design, characterization and development of the expansile nanoparticle. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1451.	3.3	37
46	A Glimpse of the Future With Intraoperative Molecular Imaging. <i>Annals of Surgery</i> , 2017, 266, e45.	2.1	0
47	Mimicking the tumor microenvironment to regulate macrophage phenotype and assessing chemotherapeutic efficacy in embedded cancer cell/macrophage spheroid models. <i>Acta Biomaterialia</i> , 2017, 50, 271-279.	4.1	59
48	Synthesis of poly(1,2-glycerol carbonate)-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
49	A "green" light for staging in early lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1134-1136.	0.4	1
50	Embedded Spheroids as Models of the Cancer Microenvironment. <i>Advanced Biology</i> , 2017, 1, 1700083.	3.0	61
51	Breast Cancer Spheroids Reveal a Differential Cancer Stem Cell Response to Chemotherapeutic Treatment. <i>Scientific Reports</i> , 2017, 7, 10382.	1.6	112
52	Cover Image, Volume 9, Issue 3. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1474.	3.3	1
53	Mechanoresponsive materials for drug delivery: Harnessing forces for controlled release. <i>Advanced Drug Delivery Reviews</i> , 2017, 108, 68-82.	6.6	84
54	Pneumonectomy is safe and effective for non-small cell lung cancer following induction therapy. <i>Journal of Thoracic Disease</i> , 2017, 9, 4447-4453.	0.6	13

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55	InnenrÄ¼cktitelbild: Stretchâ€­Induced Drug Delivery from Superhydrophobic Polymer Composites: Use of Crack Propagation Failure Modes for Controlling Release Rates (Angew. Chem. 8/2016). Angewandte Chemie, 2016, 128, 2997-2997.	1.6	0
56	Stretchâ€­Induced Drug Delivery from Superhydrophobic Polymer Composites: Use of Crack Propagation Failure Modes for Controlling Release Rates. Angewandte Chemie - International Edition, 2016, 55, 2796-2800.	7.2	55
57	Two-Step Delivery: Exploiting the Partition Coefficient Concept to Increase Intratumoral Paclitaxel Concentrations In vivo Using Responsive Nanoparticles. Scientific Reports, 2016, 6, 18720.	1.6	20
58	Safety and feasibility of near-infrared image-guided lymphatic mapping of regional lymph nodes in esophageal cancer. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 546-554.	0.4	67
59	Evaluation of expansile nanoparticle tumor localization and efficacy in a cancer stem cell-derived model of pancreatic peritoneal carcinomatosis. Nanomedicine, 2016, 11, 1001-1015.	1.7	20
60	From Diagnosis to Treatment. Thoracic Surgery Clinics, 2016, 26, 215-228.	0.4	9
61	Management of Sarcoma Metastases to the Lung. Surgical Oncology Clinics of North America, 2016, 25, 721-733.	0.6	44
62	Stretchâ€­Induced Drug Delivery from Superhydrophobic Polymer Composites: Use of Crack Propagation Failure Modes for Controlling Release Rates. Angewandte Chemie, 2016, 128, 2846-2850.	1.6	13
63	Women in Thoracic Surgery: 30 Years of History. Annals of Thoracic Surgery, 2016, 101, 399-409.	0.7	65
64	Nanoparticle tumor localization, disruption of autophagosomal trafficking, and prolonged drug delivery improve survival in peritoneal mesothelioma. Biomaterials, 2016, 102, 175-186.	5.7	25
65	Prevention of lung cancer recurrence using cisplatin-loaded superhydrophobic nanofiber meshes. Biomaterials, 2016, 76, 273-281.	5.7	105
66	Nanotechnology applications in thoracic surgery. European Journal of Cardio-thoracic Surgery, 2016, 50, 6-16.	0.6	15
67	Early Surgical Outcomes of En Bloc Resection Requiring Vertebrectomy for Malignancy Invading the Thoracic Spine. Annals of Thoracic Surgery, 2016, 101, 231-237.	0.7	17
68	Successful Translation of Fluorescence Navigation During Oncologic Surgery: A Consensus Report. Journal of Nuclear Medicine, 2016, 57, 144-150.	2.8	125
69	Layered superhydrophobic meshes for controlled drug release. Journal of Controlled Release, 2015, 214, 23-29.	4.8	54
70	Synthesis and Characterization of Hybrid Polymer/Lipid Expansile Nanoparticles: Imparting Surface Functionality for Targeting and Stability. Biomacromolecules, 2015, 16, 1958-1966.	2.6	30
71	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.	0.4	22
72	Outcomes by Tumor Histology and KRAS Mutation Status After Lung Stereotactic Bodyâ€­Radiation Therapy for Early-Stage Nonâ€­Small-Cell Lung Cancer. Clinical Lung Cancer, 2015, 16, 24-32.	1.1	67

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73	Low Incidence of Chest Wall Pain with a Risk-Adapted Lung Stereotactic Body Radiation Therapy Approach Using Three or Five Fractions Based on Chest Wall Dosimetry. PLoS ONE, 2014, 9, e94859.	1.1	35
74	Current Innovations in Sentinel Lymph Node Mapping for the Staging and Treatment of Resectable Lung Cancer. Seminars in Thoracic and Cardiovascular Surgery, 2014, 26, 201-209.	0.4	18
75	Green Herring Syndrome: Bacterial Infection in Patients With Mucormycosis Cavitory Lung Disease. Open Forum Infectious Diseases, 2014, 1, ofu014.	0.4	5
76	Birth Trends and Factors Affecting Childbearing Among Thoracic Surgeons. Annals of Thoracic Surgery, 2014, 98, 890-895.	0.7	79
77	Relationship between margin distance and local recurrence among patients undergoing wedge resection for small ($\leq 2\text{ cm}$) non-small cell lung cancer. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1169-1177.	0.4	122
78	Embedded multicellular spheroids as a biomimetic 3D cancer model for evaluating drug and drug-device combinations. Biomaterials, 2014, 35, 2264-2271.	5.7	151
79	Bronchopleural fistula and the role of contemporary imaging. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 341-347.	0.4	46
80	In Vitro Activity of Paclitaxel-Loaded Polymeric Expansile Nanoparticles in Breast Cancer Cells. Biomacromolecules, 2013, 14, 2074-2082.	2.6	41
81	Prevention of nodal metastases in breast cancer following the lymphatic migration of paclitaxel-loaded expansile nanoparticles. Biomaterials, 2013, 34, 1810-1819.	5.7	39
82	Cytoreductive Surgery and Intraoperative Administration of Paclitaxel-loaded Expansile Nanoparticles Delay Tumor Recurrence in Ovarian Carcinoma. Annals of Surgical Oncology, 2013, 20, 1684-1693.	0.7	29
83	Superhydrophobic Materials: Triggered Drug Release from Superhydrophobic Meshes using High-Intensity Focused Ultrasound (Adv. Healthcare Mater. 9/2013). Advanced Healthcare Materials, 2013, 2, 1182-1182.	3.9	0
84	Nanoparticle Migration and Delivery of Paclitaxel to Regional Lymph Nodes in a Large Animal Model. Journal of the American College of Surgeons, 2012, 214, 328-337.	0.2	34
85	Biologically Responsive Polymeric Nanoparticles for Drug Delivery. Advanced Materials, 2012, 24, 3878-3886.	11.1	205
86	Local drug delivery strategies for cancer treatment: Gels, nanoparticles, polymeric films, rods, and wafers. Journal of Controlled Release, 2012, 159, 14-26.	4.8	686
87	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.	0.7	26
88	Paclitaxel-Loaded Expansile Nanoparticles in a Multimodal Treatment Model of Malignant Mesothelioma. Annals of Thoracic Surgery, 2011, 92, 2007-2014.	0.7	17
89	The performance of expansile nanoparticles in a murine model of peritoneal carcinomatosis. Biomaterials, 2011, 32, 832-840.	5.7	51
90	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

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91	Facilitating cells: Novel promoters of stem cell alloengraftment and donor-specific transplantation tolerance in the absence of GVHD. <i>Critical Reviews in Oncology/Hematology</i> , 2007, 61, 26-43.	2.0	20
92	FcR ³ -Dependent Facilitating Cells Are Direct Inducers of Regulatory T Cells. <i>Blood</i> , 2005, 106, 65-65.	0.6	0
93	Mixed Xenogeneic Chimerism Induces Donor-Specific Humoral and Cellular Immune Tolerance for Cardiac Xenografts. <i>Journal of Immunology</i> , 2004, 173, 5827-5834.	0.4	14
94	Absence of clinical GVHD and the in vivo induction of regulatory T cells after transplantation of facilitating cells. <i>Blood</i> , 2004, 104, 3829-3835.	0.6	52