

Yolonda L Colson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6333595/publications.pdf>

Version: 2024-02-01

94
papers

4,356
citations

147566

31
h-index

110170

64
g-index

95
all docs

95
docs citations

95
times ranked

7823
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-------|-----------|
| 1 | Local drug delivery strategies for cancer treatment: Gels, nanoparticles, polymeric films, rods, and wafers. <i>Journal of Controlled Release</i> , 2012, 159, 14-26. | 4.8 | 686 |
| 2 | Polymer-drug conjugate therapeutics: advances, insights and prospects. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 273-294. | 21.5 | 579 |
| 3 | Expansile Nanoparticles: Synthesis, Characterization, and <i>in Vivo</i> Efficacy of an Acid-Responsive Polymeric Drug Delivery System. <i>Journal of the American Chemical Society</i> , 2009, 131, 2469-2471. | 6.6 | 289 |
| 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 | Biologically Responsive Polymeric Nanoparticles for Drug Delivery. <i>Advanced Materials</i> , 2012, 24, 3878-3886. | 11.1 | 205 |
| 6 | Embedded multicellular spheroids as a biomimetic 3D cancer model for evaluating drug and drug-device combinations. <i>Biomaterials</i> , 2014, 35, 2264-2271. | 5.7 | 151 |
| 7 | Successful Translation of Fluorescence Navigation During Oncologic Surgery: A Consensus Report. <i>Journal of Nuclear Medicine</i> , 2016, 57, 144-150. | 2.8 | 125 |
| 8 | Relationship between margin distance and local recurrence among patients undergoing wedge resection for small ($\leq 2\text{ cm}$) non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1169-1177. | 0.4 | 122 |
| 9 | Breast Cancer Spheroids Reveal a Differential Cancer Stem Cell Response to Chemotherapeutic Treatment. <i>Scientific Reports</i> , 2017, 7, 10382. | 1.6 | 112 |
| 10 | Prevention of lung cancer recurrence using cisplatin-loaded superhydrophobic nanofiber meshes. <i>Biomaterials</i> , 2016, 76, 273-281. | 5.7 | 105 |
| 11 | Mechanoresponsive materials for drug delivery: Harnessing forces for controlled release. <i>Advanced Drug Delivery Reviews</i> , 2017, 108, 68-82. | 6.6 | 84 |
| 12 | Birth Trends and Factors Affecting Childbearing Among Thoracic Surgeons. <i>Annals of Thoracic Surgery</i> , 2014, 98, 890-895. | 0.7 | 79 |
| 13 | Outcomes by Tumor Histology and KRAS Mutation Status After Lung Stereotactic Body Radiation Therapy for Early-Stage Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2015, 16, 24-32. | 1.1 | 67 |
| 14 | Safety and feasibility of near-infrared image-guided lymphatic mapping of regional lymph nodes in esophageal cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 546-554. | 0.4 | 67 |
| 15 | Women in Thoracic Surgery: 30 Years of History. <i>Annals of Thoracic Surgery</i> , 2016, 101, 399-409. | 0.7 | 65 |
| 16 | Embedded Spheroids as Models of the Cancer Microenvironment. <i>Advanced Biology</i> , 2017, 1, 1700083. | 3.0 | 61 |
| 17 | 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 |
| 18 | Stretch-Induced Drug Delivery from Superhydrophobic Polymer Composites: Use of Crack Propagation Failure Modes for Controlling Release Rates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2796-2800. | 7.2 | 55 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Layered superhydrophobic meshes for controlled drug release. <i>Journal of Controlled Release</i> , 2015, 214, 23-29. | 4.8 | 54 |
| 20 | 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 |
| 21 | 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 |
| 22 | The performance of expansile nanoparticles in a murine model of peritoneal carcinomatosis. <i>Biomaterials</i> , 2011, 32, 832-840. | 5.7 | 51 |
| 23 | Bronchopleural fistula and the role of contemporary imaging. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 341-347. | 0.4 | 46 |
| 24 | Management of Sarcoma Metastases to the Lung. <i>Surgical Oncology Clinics of North America</i> , 2016, 25, 721-733. | 0.6 | 44 |
| 25 | 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 |
| 26 | In Vitro Activity of Paclitaxel-Loaded Polymeric Expansile Nanoparticles in Breast Cancer Cells. <i>Biomacromolecules</i> , 2013, 14, 2074-2082. | 2.6 | 41 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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. <i>PLoS ONE</i> , 2014, 9, e94859. | 1.1 | 35 |
| 31 | Nanoparticle Migration and Delivery of Paclitaxel to Regional Lymph Nodes in a Large Animal Model. <i>Journal of the American College of Surgeons</i> , 2012, 214, 328-337. | 0.2 | 34 |
| 32 | 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 |
| 33 | Synthesis and Characterization of Hybrid Polymer/Lipid Expansile Nanoparticles: Imparting Surface Functionality for Targeting and Stability. <i>Biomacromolecules</i> , 2015, 16, 1958-1966. | 2.6 | 30 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | Facilitating cells: Novel promoters of stem cell allograftment and donor-specific transplantation tolerance in the absence of GVHD. <i>Critical Reviews in Oncology/Hematology</i> , 2007, 61, 26-43. | 2.0 | 20 |
| 43 | 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 |
| 44 | Evaluation of expansile nanoparticle tumor localization and efficacy in a cancer stem cell-derived model of pancreatic peritoneal carcinomatosis. <i>Nanomedicine</i> , 2016, 11, 1001-1015. | 1.7 | 20 |
| 45 | 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 |
| 46 | Current Innovations in Sentinel Lymph Node Mapping for the Staging and Treatment of Resectable Lung Cancer. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2014, 26, 201-209. | 0.4 | 18 |
| 47 | 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 |
| 48 | New USPSTF Guidelines for Lung Cancer Screening. <i>JAMA Surgery</i> , 2021, 156, 513. | 2.2 | 18 |
| 49 | Paclitaxel-Loaded Expansile Nanoparticles in a Multimodal Treatment Model of Malignant Mesothelioma. <i>Annals of Thoracic Surgery</i> , 2011, 92, 2007-2014. | 0.7 | 17 |
| 50 | Early Surgical Outcomes of En Bloc Resection Requiring Vertebrectomy for Malignancy Invading the Thoracic Spine. <i>Annals of Thoracic Surgery</i> , 2016, 101, 231-237. | 0.7 | 17 |
| 51 | Nanotechnology applications in thoracic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 6-16. | 0.6 | 15 |
| 52 | Pancreatic Adenocarcinoma: Unconventional Approaches for an Unconventional Disease. <i>Cancer Research</i> , 2020, 80, 3179-3192. | 0.4 | 15 |
| 53 | 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 |
| 54 | Stretch-Induced Drug Delivery from Superhydrophobic Polymer Composites: Use of Crack Propagation Failure Modes for Controlling Release Rates. <i>Angewandte Chemie</i> , 2016, 128, 2846-2850. | 1.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | G6PD functions as a metabolic checkpoint to regulate granzyme B expression in tumor-specific cytotoxic T lymphocytes. , 2022, 10, e003543. | | 10 |
| 62 | 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 |
| 63 | The feasibility of using an autologous GM-CSF-secreting breast cancer vaccine to induce immunity in patients with stage II and metastatic breast cancers. <i>Breast Cancer Research and Treatment</i> , 2022, 194, 65-78. | 1.1 | 10 |
| 64 | From Diagnosis to Treatment. <i>Thoracic Surgery Clinics</i> , 2016, 26, 215-228. | 0.4 | 9 |
| 65 | Tension-Activated Delivery of Small Molecules and Proteins from Superhydrophobic Composites. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701096. | 3.9 | 8 |
| 66 | Near-Infrared Sentinel Lymph Node Identification in Non-Small Cell Lung Cancer. <i>JAMA Surgery</i> , 2018, 153, 487. | 2.2 | 8 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | Finding the "True" NO Cohort. <i>Annals of Surgery</i> , 2020, 272, 583-588. | 2.1 | 6 |
| 71 | Green Herring Syndrome: Bacterial Infection in Patients With Mucormycosis Cavitory Lung Disease. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu014. | 0.4 | 5 |
| 72 | Ultra-high drug loading improves nanoparticle efficacy against peritoneal mesothelioma. <i>Biomaterials</i> , 2022, 285, 121534. | 5.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | Sustainable glycerol terpolycarbonates as temporary bioadhesives. <i>Biomaterials Science</i> , 2021, 9, 8366-8372. | 2.6 | 4 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | 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 |
| 80 | Lung Cancer in Women. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1965-1973. | 0.7 | 2 |
| 81 | A "green" light for staging in early lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1134-1136. | 0.4 | 1 |
| 82 | Cover Image, Volume 9, Issue 3. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1474. | 3.3 | 1 |
| 83 | 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 |
| 84 | Coming in the NIR Future!. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1436. | 0.7 | 1 |
| 85 | Superhydrophobic Materials: Triggered Drug Release from Superhydrophobic Meshes using High-Intensity Focused Ultrasound (Adv. Healthcare Mater. 9/2013). <i>Advanced Healthcare Materials</i> , 2013, 2, 1182-1182. | 3.9 | 0 |
| 86 | Innenr¼cktitelbild: Stretch-Induced Drug Delivery from Superhydrophobic Polymer Composites: Use of Crack Propagation Failure Modes for Controlling Release Rates (Angew. Chem. 8/2016). <i>Angewandte Chemie</i> , 2016, 128, 2997-2997. | 1.6 | 0 |
| 87 | A Glimpse of the Future With Intraoperative Molecular Imaging. <i>Annals of Surgery</i> , 2017, 266, e45. | 2.1 | 0 |
| 88 | 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 |
| 89 | Commentary: When "cutting edge" is "over the line". <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2541-2542. | 0.4 | 0 |
| 90 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 91 | Pulmonary Hemosiderosis with Calcification Associated with IgA Nephropathy. American Journal of Respiratory and Critical Care Medicine, 2021, 204, e24-e25. | 2.5 | 0 |
| 92 | Genomic Evolution in a Patient With Lung Adenocarcinoma With a Germline EGFR T790M Mutation. JTO Clinical and Research Reports, 2021, 2, 100146. | 0.6 | 0 |
| 93 | FcR ³ -Dependent Facilitating Cells Are Direct Inducers of Regulatory T Cells.. Blood, 2005, 106, 65-65. | 0.6 | 0 |
| 94 | Drs. Braunwald, McKiel and Tutunji.... Thank you!. Annals of Thoracic Surgery, 2022, , . | 0.7 | 0 |