

Rebecca C Auer

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,610
citations

218381

26
h-index

197535

49
g-index

72
all docs

72
docs citations

72
times ranked

3790
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-dose replicating poxvirus vector-based RBD vaccine drives robust humoral and T cell immune response against SARS-CoV-2 infection. <i>Molecular Therapy</i> , 2022, 30, 1885-1896.	3.7	16
2	Virally programmed extracellular vesicles sensitize cancer cells to oncolytic virus and small molecule therapy. <i>Nature Communications</i> , 2022, 13, 1898.	5.8	16
3	Neoadjuvant Intravenous Oncolytic Vaccinia Virus Therapy Promotes Anticancer Immunity in Patients. <i>Cancer Immunology Research</i> , 2022, 10, 745-756.	1.6	22
4	Current challenges in the manufacture of clinical-grade autologous whole cell vaccines for hematological malignancies. <i>Cytotherapy</i> , 2022, 24, 979-989.	0.3	2
5	Perioperative arginine prevents metastases by accelerating natural killer cell recovery after surgery. <i>Molecular Therapy</i> , 2022, 30, 3270-3283.	3.7	4
6	Adjuvant melatonin for the prevention of recurrence and mortality following lung cancer resection (AMPLCaRe): A randomized placebo controlled clinical trial. <i>EClinicalMedicine</i> , 2021, 33, 100763.	3.2	21
7	Safety and efficacy of autologous whole cell vaccines in hematologic malignancies: A systematic review and meta-analysis. <i>Hematological Oncology</i> , 2021, 39, 448-464.	0.8	7
8	Extended thromboprophylaxis following major abdominal/pelvic cancer-related surgery: A systematic review and meta-analysis of the literature. <i>Thrombosis Research</i> , 2021, 204, 114-122.	0.8	15
9	Textbook Oncologic Outcome Summarizes the Perioperative Cancer Journey, but Should it be used to Judge Hospitals?. <i>Annals of Surgical Oncology</i> , 2021, 28, 8025-8027.	0.7	5
10	Postoperative Natural Killer Cell Dysfunction: The Prime Suspect in the Case of Metastasis Following Curative Cancer Surgery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11378.	1.8	13
11	Prospective randomised controlled trial using the Rethinking Clinical Trials (REaCT) platform and National Surgical Quality Improvement Program (NSQIP) to compare no preparation versus preoperative oral antibiotics alone for surgical site infection rates in elective colon surgery: a protocol. <i>BMJ Open</i> , 2020, 10, e036866.	0.8	5
12	A systematic review on the efficacy and safety of low molecular weight heparin as an anticancer therapeutic in preclinical animal models. <i>Thrombosis Research</i> , 2020, 195, 103-113.	0.8	8
13	Loss of the Ste20-like kinase induces a basal/stem-like phenotype in HER2-positive breast cancers. <i>Oncogene</i> , 2020, 39, 4592-4602.	2.6	8
14	The Efficacy and Safety of Low Molecular Weight Heparin Administration to Improve Survival of Cancer Patients: A Systematic Review and Meta-Analysis. <i>Thrombosis and Haemostasis</i> , 2020, 120, 832-846.	1.8	15
15	Safety and efficacy of autologous tumour cell vaccines as a cancer therapeutic to treat solid tumours and haematological malignancies: a meta-analysis protocol for two systematic reviews. <i>BMJ Open</i> , 2020, 10, e034714.	0.8	9
16	Flattening the COVID-19 Curve With Natural Killer Cell Based Immunotherapies. <i>Frontiers in Immunology</i> , 2020, 11, 1512.	2.2	126
17	Indications for hyperthermic intraperitoneal chemotherapy with cytoreductive surgery: a systematic review. <i>European Journal of Cancer</i> , 2020, 127, 76-95.	1.3	61
18	A Method of Assessment of Human Natural Killer Cell Phenotype and Function in Whole Blood. <i>Frontiers in Immunology</i> , 2020, 11, 963.	2.2	1

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19	Response to letter commenting on Ê»indications for hyperthermic intraperitoneal chemotherapy (Hipec) with cytoreductive surgery: a systematic reviewÊ¼. <i>European Journal of Cancer</i> , 2020, 139, 188-189.	1.3	1
20	Is innate immunity our best weapon for flattening the curve?. <i>Journal of Clinical Investigation</i> , 2020, 130, 3954-3956.	3.9	11
21	A Systematic Review of Evidence Supporting the Use of Autologous Cell Vaccines in the Treatment of Hematological Malignancies. <i>Blood</i> , 2020, 136, 16-16.	0.6	0
22	Early and Late Complications of Percutaneous Core Needle Biopsy of Retroperitoneal Tumors at Two Tertiary Sarcoma Centers. <i>Annals of Surgical Oncology</i> , 2019, 26, 4692-4698.	0.7	31
23	Assessing the Completeness of Reporting in Preclinical Oncolytic Virus Therapy Studies. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 179-187.	2.0	16
24	Surgical outcomes of VRAM versus gracilis flaps for the reconstruction of pelvic defects following oncologic resectionâœ°. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 565-571.	0.5	38
25	Intervention Development Process for a Pragmatic Randomized Controlled Trial: The Thoracic Peri-Operative Integrative Surgical Care Evaluation Trial. <i>Journal of Alternative and Complementary Medicine</i> , 2019, 25, S112-S123.	2.1	1
26	Mapping the preclinical to clinical evidence and development trajectory of the oncolytic virus talimogene laherparepvec (T-VEC): a systematic review. <i>BMJ Open</i> , 2019, 9, e029475.	0.8	6
27	The Potential for Cancer Immunotherapy in Targeting Surgery-Induced Natural Killer Cell Dysfunction. <i>Cancers</i> , 2019, 11, 2.	1.7	27
28	Do Diagnostic and Procedure Codes Within Population-Based, Administrative Datasets Accurately Identify Patients with Rectal Cancer?. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 367-376.	0.9	0
29	Killers 2.0: NK cell therapies at the forefront of cancer control. <i>Journal of Clinical Investigation</i> , 2019, 129, 3499-3510.	3.9	166
30	CO.28: Neoadjuvant Chemotherapy, Excision and Observation (NEO) for early rectal cancer.. <i>Journal of Clinical Oncology</i> , 2019, 37, TPS724-TPS724.	0.8	0
31	Phosphodiesterase-5 inhibition reduces postoperative metastatic disease by targeting surgery-induced myeloid derived suppressor cell-dependent inhibition of Natural Killer cell cytotoxicity. <i>OncImmunology</i> , 2018, 7, e1431082.	2.1	71
32	Sepsis increases perioperative metastases in a murine model. <i>BMC Cancer</i> , 2018, 18, 277.	1.1	8
33	ASO Author Reflections: Prolonged Immunoparalysis of NK Cells After Surgery. <i>Annals of Surgical Oncology</i> , 2018, 25, 968-969.	0.7	0
34	Natural Killer Cell IFNÎ³ Secretion is Profoundly Suppressed Following Colorectal Cancer Surgery. <i>Annals of Surgical Oncology</i> , 2018, 25, 3747-3754.	0.7	68
35	Association between perioperative beta blocker use and cancer survival following surgical resection. <i>European Journal of Surgical Oncology</i> , 2018, 44, 1164-1169.	0.5	31
36	Can Text-Search Methods of Pathology Reports Accurately Identify Patients with Rectal Cancer in Large Administrative Databases?. <i>Journal of Pathology Informatics</i> , 2018, 9, 18.	0.8	2

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37	NK-Cell Recruitment Is Necessary for Eradication of Peritoneal Carcinomatosis with an IL12-Expressing Maraba Virus Cellular Vaccine. <i>Cancer Immunology Research</i> , 2017, 5, 211-221.	1.6	57
38	A survey of thrombosis experts evaluating practices and opinions regarding venous thromboprophylaxis in patients post major abdominal surgery. <i>Thrombosis Journal</i> , 2017, 15, 2.	0.9	6
39	Atg5 Disassociates the V1V0-ATPase to Promote Exosome Production and Tumor Metastasis Independent of Canonical Macroautophagy. <i>Developmental Cell</i> , 2017, 43, 716-730.e7.	3.1	205
40	Dysfunctional Natural Killer Cells in the Aftermath of Cancer Surgery. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1787.	1.8	54
41	Surgical Stress Abrogates Pre-Existing Protective T Cell Mediated Anti-Tumor Immunity Leading to Postoperative Cancer Recurrence. <i>PLoS ONE</i> , 2016, 11, e0155947.	1.1	68
42	Evaluation of the Rectal Cancer Patient Decision Aid. <i>Diseases of the Colon and Rectum</i> , 2016, 59, 165-172.	0.7	21
43	Interleukin-12-expressing oncolytic virus: A promising strategy for cancer immunotherapy. <i>Journal of Taibah University Medical Sciences</i> , 2016, 11, 187-193.	0.5	8
44	Laparoscopic Colorectal Surgery in the Emergency Setting. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2015, 25, 430-435.	0.4	5
45	Complement Inhibition Prevents Oncolytic Vaccinia Virus Neutralization in Immune Humans and Cynomolgus Macaques. <i>Molecular Therapy</i> , 2015, 23, 1066-1076.	3.7	65
46	Reciprocal cellular cross-talk within the tumor microenvironment promotes oncolytic virus activity. <i>Nature Medicine</i> , 2015, 21, 530-536.	15.2	118
47	Maraba MG1 Virus Enhances Natural Killer Cell Function via Conventional Dendritic Cells to Reduce Postoperative Metastatic Disease. <i>Molecular Therapy</i> , 2014, 22, 1320-1332.	3.7	60
48	Vascular progenitor clusters from peripheral blood in cancer patients following oncologic surgery. <i>Journal of Surgical Oncology</i> , 2014, 109, 151-157.	0.8	2
49	Attacking Postoperative Metastases using Perioperative Oncolytic Viruses and Viral Vaccines. <i>Frontiers in Oncology</i> , 2014, 4, 217.	1.3	13
50	Perioperative Influenza Vaccination Reduces Postoperative Metastatic Disease by Reversing Surgery-Induced Dysfunction in Natural Killer Cells. <i>Clinical Cancer Research</i> , 2013, 19, 5104-5115.	3.2	59
51	Clinical Research in Surgical Oncology: An Analysis of ClinicalTrials.gov. <i>Annals of Surgical Oncology</i> , 2013, 20, 3725-3731.	0.7	14
52	Plastic Freezer Bags. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2013, 23, 464-467.	0.4	2
53	Preventing surgery-induced NK cell dysfunction and cancer metastases with influenza vaccination. <i>Oncolmmunology</i> , 2013, 2, e26618.	2.1	17
54	Mucinous neoplasms of the appendix: a current comprehensive clinicopathologic and imaging review. <i>Cancer Imaging</i> , 2013, 13, 14-25.	1.2	92

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55	ORFV: A Novel Oncolytic and Immune Stimulating Parapoxvirus Therapeutic. <i>Molecular Therapy</i> , 2012, 20, 1148-1157.	3.7	59
56	Oncolytic viruses: smart therapeutics for smart cancers. <i>Future Oncology</i> , 2012, 8, 1-4.	1.1	23
57	The Oncolytic Poxvirus JX-594 Selectively Replicates in and Destroys Cancer Cells Driven by Genetic Pathways Commonly Activated in Cancers. <i>Molecular Therapy</i> , 2012, 20, 749-758.	3.7	231
58	The Myth of Informed Consent in Rectal Cancer Surgery. <i>Diseases of the Colon and Rectum</i> , 2012, 55, 970-975.	0.7	50
59	Evaluating agreement regarding the resectability of colorectal liver metastases: a national case-based survey of hepatic surgeons. <i>Hpb</i> , 2012, 14, 291-297.	0.1	34
60	Harnessing Oncolytic Virus-mediated Antitumor Immunity in an Infected Cell Vaccine. <i>Molecular Therapy</i> , 2012, 20, 1791-1799.	3.7	70
61	Sensitivity of cervical carcinoma cells to vesicular stomatitis virus-induced oncolysis: Potential role of human papilloma virus infection. <i>International Journal of Cancer</i> , 2012, 131, E204-15.	2.3	16
62	The use of extended perioperative low molecular weight heparin (tinzaparin) to improve disease-free survival following surgical resection of colon cancer. <i>Blood Coagulation and Fibrinolysis</i> , 2011, 22, 760-762.	0.5	22
63	Predictors of a true complete response among disappearing liver metastases from colorectal cancer after chemotherapy. <i>Cancer</i> , 2010, 116, 1502-1509.	2.0	165
64	EGFR expression variance in paired colorectal cancer primary and metastatic tumors. <i>Cancer Biology and Therapy</i> , 2010, 10, 416-421.	1.5	19
65	Synergistic Interaction Between Oncolytic Viruses Augments Tumor Killing. <i>Molecular Therapy</i> , 2010, 18, 888-895.	3.7	109
66	Surveillance after Curative Resection of Colorectal Cancer. <i>Clinics in Colon and Rectal Surgery</i> , 2009, 22, 242-250.	0.5	58
67	Use of Helical CT Is Associated with an Increased Incidence of Postoperative Pulmonary Emboli in Cancer Patients with No Change in the Number of Fatal Pulmonary Emboli. <i>Journal of the American College of Surgeons</i> , 2009, 208, 871-878.	0.2	53