

Elizabeth A Beierle

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

1,796
citations

25
h-index

34
g-index

124
ext. papers

2,196
ext. citations

3.4
avg, IF

4.67
L-index

#	Paper	IF	Citations
118	Ketone bodies inhibit the viability of human neuroblastoma cells. <i>Journal of Pediatric Surgery</i> , 2009 , 44, 212-6; discussion 216	2.6	80
117	Intestinal innate immunity: how does it relate to the pathogenesis of necrotizing enterocolitis. <i>Seminars in Pediatric Surgery</i> , 2005 , 14, 137-44	2.1	66
116	N-MYC regulates Focal adhesion kinase expression in human neuroblastoma. <i>Journal of Biological Chemistry</i> , 2007 , 282, 12503-16	5.4	58
115	Inhibition of focal adhesion kinase decreases tumor growth in human neuroblastoma. <i>Cell Cycle</i> , 2010 , 9, 1005-15	4.7	57
114	Parathyroid carcinoma in more than 1,000 patients: A population-level analysis. <i>Surgery</i> , 2014 , 156, 1622-9; discussion 1629-30	3.6	48
113	Focal adhesion kinase expression in human neuroblastoma: immunohistochemical and real-time PCR analyses. <i>Clinical Cancer Research</i> , 2008 , 14, 3299-305	12.9	47
112	FAK inhibition decreases cell invasion, migration and metastasis in MYCN amplified neuroblastoma. <i>Clinical and Experimental Metastasis</i> , 2013 , 30, 555-68	4.7	44
111	Pediatric medulloblastoma xenografts including molecular subgroup 3 and CD133+ and CD15+ cells are sensitive to killing by oncolytic herpes simplex viruses. <i>Neuro-Oncology</i> , 2016 , 18, 227-35	1	43
110	VEGF-mediated survivin expression in neuroblastoma cells. <i>Journal of Surgical Research</i> , 2005 , 127, 21-8	2.5	41
109	VEGF upregulates Bcl-2 expression and is associated with decreased apoptosis in neuroblastoma cells. <i>Journal of Pediatric Surgery</i> , 2002 , 37, 467-71	2.6	39
108	Enhanced Sensitivity of Patient-Derived Pediatric High-Grade Brain Tumor Xenografts to Oncolytic HSV-1 Virotherapy Correlates with Nectin-1 Expression. <i>Scientific Reports</i> , 2018 , 8, 13930	4.9	38
107	TAE226 inhibits human neuroblastoma cell survival. <i>Cancer Investigation</i> , 2008 , 26, 145-51	2.1	37
106	Characteristics and outcomes in children with undifferentiated embryonal sarcoma of the liver: A report from the National Cancer Database. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26272	3	36
105	Oncolytic herpes simplex virus immunotherapy for brain tumors: current pitfalls and emerging strategies to overcome therapeutic resistance. <i>Oncogene</i> , 2019 , 38, 6159-6171	9.2	32
104	Hepatic tumor necrosis factor-alpha production and distant organ dysfunction in a murine model of obstructive jaundice. <i>American Journal of Surgery</i> , 1996 , 171, 202-6	2.7	32
103	Primary malignant pulmonary tumors in children: a review of the national cancer data base. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 1004-8	2.6	31
102	Surgical management and morbidity of pediatric magnet ingestions. <i>Journal of Surgical Research</i> , 2015 , 199, 137-40	2.5	31

101	Cancer Stem Cells and Their Interaction with the Tumor Microenvironment in Neuroblastoma. <i>Cancers</i> , 2015 , 8,	6.6	31
100	Colorectal carcinoma in pediatric patients: A comparison with adult tumors, treatment and outcomes from the National Cancer Database. <i>Journal of Pediatric Surgery</i> , 2016 , 51, 1061-6	2.6	30
99	Inhibition of focal adhesion kinase and src increases detachment and apoptosis in human neuroblastoma cell lines. <i>Molecular Carcinogenesis</i> , 2010 , 49, 224-34	5	30
98	In utero lung growth of fetal sheep with diaphragmatic hernia and tracheal stenosis. <i>Journal of Pediatric Surgery</i> , 1996 , 31, 141-6; discussion 146-7	2.6	30
97	Mesenteric lipoblastoma: a rare location in children. <i>Journal of Pediatric Surgery</i> , 2008 , 43, e5-7	2.6	27
96	Analysis of gene expression patterns in human postburn hypertrophic scars. <i>Journal of Burn Care and Research</i> , 2003 , 24, 371-7		27
95	Fas-mediated induction of hepatocyte apoptosis in a neuroblastoma and hepatocyte coculture model. <i>Journal of Surgical Research</i> , 1999 , 84, 82-7	2.5	27
94	Laparoscopic surgery in children with congenital heart disease. <i>Journal of Pediatric Surgery</i> , 2012 , 47, 1084-8	2.6	26
93	Effects of socioeconomic status on children with well-differentiated thyroid cancer. <i>Surgery</i> , 2017 , 162, 662-669	3.6	24
92	Targeting pediatric cancer stem cells with oncolytic virotherapy. <i>Pediatric Research</i> , 2012 , 71, 500-10	3.2	24
91	Pediatric basal cell carcinoma: case reports and literature review. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 2277-80	2.6	23
90	Pentalogy of Cantrell. <i>Seminars in Pediatric Surgery</i> , 2019 , 28, 106-110	2.1	22
89	Risk Factors for Stricture Formation After Esophageal Atresia Repair. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016 , 26, 393-8	2.1	22
88	Feasibility of single-incision pediatric endosurgery for treatment of appendicitis in 415 children. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2012 , 22, 604-8	2.1	22
87	Cell Proliferation in Neuroblastoma. <i>Cancers</i> , 2016 , 8,	6.6	22
86	Single-incision pediatric endosurgery for ovarian pathology. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2013 , 23, 291-6	2.1	21
85	Artificial rearing of mouse pups: development of a mouse pup in a cup model. <i>Pediatric Research</i> , 2004 , 56, 250-5	3.2	21
84	Cell survival signaling in neuroblastoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 563-75	2.2	21

83	Preclinical evaluation of engineered oncolytic herpes simplex virus for the treatment of neuroblastoma. <i>PLoS ONE</i> , 2013 , 8, e77753	3.7	19
82	FAK Inhibition Decreases Hepatoblastoma Survival Both In Vitro and In Vivo. <i>Translational Oncology</i> , 2013 , 6, 206-15	4.9	18
81	Expression of VEGF receptors in cocultured neuroblastoma cells. <i>Journal of Surgical Research</i> , 2004 , 119, 56-65	2.5	18
80	Testicular tumors in prepubescent patients. <i>Journal of Pediatric Surgery</i> , 2018 , 53, 1748-1752	2.6	17
79	Inhibition of FAK and VEGFR-3 binding decreases tumorigenicity in neuroblastoma. <i>Molecular Carcinogenesis</i> , 2015 , 54, 9-23	5	17
78	FAK inhibition abrogates the malignant phenotype in aggressive pediatric renal tumors. <i>Molecular Cancer Research</i> , 2014 , 12, 514-26	6.6	17
77	Factors Associated With Mortality in Pediatric vs Adult Nasopharyngeal Carcinoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016 , 142, 217-22	3.9	16
76	Pediatric cancer gone viral. Part I: strategies for utilizing oncolytic herpes simplex virus-1 in children. <i>Molecular Therapy - Oncolytics</i> , 2015 , 2,	6.4	16
75	Focal adhesion kinase and p53 synergistically decrease neuroblastoma cell survival. <i>Journal of Surgical Research</i> , 2015 , 196, 339-49	2.5	15
74	Preclinical Evaluation of a Novel RXR Agonist for the Treatment of Neuroblastoma. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 1559-69	6.1	15
73	VEGF receptors are differentially expressed by neuroblastoma cells in culture. <i>Journal of Pediatric Surgery</i> , 2003 , 38, 514-21	2.6	15
72	Safety and efficacy of oncolytic HSV-1 G207 inoculated into the cerebellum of mice. <i>Cancer Gene Therapy</i> , 2020 , 27, 246-255	5.4	15
71	FTY720 Decreases Tumorigenesis in Group 3 Medulloblastoma Patient-Derived Xenografts. <i>Scientific Reports</i> , 2018 , 8, 6913	4.9	13
70	Role of laparoscopy in the prevention and in the treatment of adhesions. <i>Seminars in Pediatric Surgery</i> , 2014 , 23, 353-6	2.1	13
69	Pediatric papillary thyroid cancer >1 cm: is total thyroidectomy necessary?. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 1009-13	2.6	12
68	Pediatric-protocol of multimodal therapy is associated with improved survival in AYAs and adults with rhabdomyosarcoma. <i>Surgery</i> , 2018 , 163, 324-329	3.6	11
67	Mentoring in pediatric oncology: a report from the Children@ Oncology Group Young Investigator Committee. <i>Journal of Pediatric Hematology/Oncology</i> , 2013 , 35, 456-61	1.2	11
66	VEGF is upregulated in a neuroblastoma and hepatocyte coculture model. <i>Journal of Surgical Research</i> , 2001 , 97, 34-40	2.5	11

65	Targeting PIM Kinases Affects Maintenance of CD133 Tumor Cell Population in Hepatoblastoma. <i>Translational Oncology</i> , 2019 , 12, 200-208	4.9	11
64	Utilization of the NSQIP-Pediatric Database in Development and Validation of a New Predictive Model of Pediatric Postoperative Wound Complications. <i>Journal of the American College of Surgeons</i> , 2017 , 224, 532-544	4.4	10
63	Comparison of Pediatric and Adult Solid Pseudopapillary Neoplasms of the Pancreas. <i>Journal of Surgical Research</i> , 2019 , 242, 312-317	2.5	10
62	Targeting PIM kinase as a therapeutic strategy in human hepatoblastoma. <i>Oncotarget</i> , 2018 , 9, 22665-22679	3.7	10
61	Pediatric cancer gone viral. Part II: potential clinical application of oncolytic herpes simplex virus-1 in children. <i>Molecular Therapy - Oncolytics</i> , 2015 , 2,	6.4	10
60	Preclinical evaluation of engineered oncolytic herpes simplex virus for the treatment of pediatric solid tumors. <i>PLoS ONE</i> , 2014 , 9, e86843	3.7	10
59	Utility of immature granulocyte percentage in pediatric appendicitis. <i>Journal of Surgical Research</i> , 2014 , 190, 230-4	2.5	10
58	Differential expression of Bcl-2 and Bax may enhance neuroblastoma survival. <i>Journal of Pediatric Surgery</i> , 2003 , 38, 486-91	2.6	10
57	Oncolytic virotherapy for pediatric malignancies: future prospects. <i>Oncolytic Virotherapy</i> , 2016 , 5, 73-80	6	10
56	Focal Adhesion Kinase Inhibition Contributes to Tumor Cell Survival and Motility in Neuroblastoma Patient-Derived Xenografts. <i>Scientific Reports</i> , 2019 , 9, 13259	4.9	9
55	Newly Characterized Murine Undifferentiated Sarcoma Models Sensitive to Virotherapy with Oncolytic HSV-1 M002. <i>Molecular Therapy - Oncolytics</i> , 2017 , 7, 27-36	6.4	9
54	Survival and Surgical Outcomes for Pediatric Head and Neck Melanoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017 , 143, 34-40	3.9	9
53	Targeting Focal Adhesion Kinase Suppresses the Malignant Phenotype in Rhabdomyosarcoma Cells. <i>Translational Oncology</i> , 2016 , 9, 263-73	4.9	9
52	Socioeconomic disparities affect survival in malignant ovarian germ cell tumors in AYA population. <i>Journal of Surgical Research</i> , 2018 , 222, 180-186.e3	2.5	8
51	Pediatric Anaplastic Embryonal Rhabdomyosarcoma: Targeted Therapy Guided by Genetic Analysis and a Patient-Derived Xenograft Study. <i>Frontiers in Oncology</i> , 2017 , 7, 327	5.3	8
50	Pediatric surgical issues in meconium disease and cystic fibrosis. <i>Surgical Clinics of North America</i> , 2006 , 86, 317-27, viii-ix	4	8
49	Effect of Repeat Dosing of Engineered Oncolytic Herpes Simplex Virus on Preclinical Models of Rhabdomyosarcoma. <i>Translational Oncology</i> , 2016 , 9, 419-430	4.9	8
48	Immunotherapy in Pediatric Solid Tumors-A Systematic Review. <i>Cancers</i> , 2019 , 11,	6.6	8

47	Pediatric gastric adenocarcinoma: A National Cancer Data Base review. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 1029-1034	2.6	7
46	UAB30, a novel RXR agonist, decreases tumorigenesis and leptomeningeal disease in group 3 medulloblastoma patient-derived xenografts. <i>Journal of Neuro-Oncology</i> , 2018 , 140, 209-224	4.8	7
45	Whole exome sequencing identified sixty-five coding mutations in four neuroblastoma tumors. <i>Scientific Reports</i> , 2017 , 7, 17787	4.9	7
44	Neuroblastoma and hepatocyte coculture conditioned media alter apoptosis. <i>Journal of Surgical Research</i> , 2000 , 90, 113-8	2.5	7
43	Outcome assessment of renal replacement therapy in neonates. <i>Journal of Surgical Research</i> , 2016 , 204, 34-8	2.5	7
42	Small watercraft injuries in children. <i>American Surgeon</i> , 2002 , 68, 535-8; discussion 538	0.8	7
41	The presence of PIM3 increases hepatoblastoma tumorigenesis and tumor initiating cell phenotype and is associated with decreased patient survival. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 1206-1213	2.6	6
40	PP2A activation alone and in combination with cisplatin decreases cell growth and tumor formation in human HuH6 hepatoblastoma cells. <i>PLoS ONE</i> , 2019 , 14, e0214469	3.7	6
39	Preclinical Evaluation of UAB30 in Pediatric Renal and Hepatic Malignancies. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 911-21	6.1	6
38	Disparities in fertility-sparing surgery in adolescent and young women with stage I ovarian dysgerminoma. <i>Journal of Surgical Research</i> , 2018 , 224, 38-43	2.5	5
37	Differential response of neuroblastoma cells to TRAIL is independent of PI3K/AKT. <i>Journal of Pediatric Surgery</i> , 2006 , 41, 1072-80	2.6	5
36	Novel retinoic acid derivative induces differentiation and growth arrest in neuroblastoma. <i>Journal of Pediatric Surgery</i> , 2020 , 55, 1072-1080	2.6	4
35	The interaction between FAK, MYCN, p53 and Mdm2 in neuroblastoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 46-51	2.2	4
34	MYCN, neuroblastoma and focal adhesion kinase (FAK). <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 421-33	1.6	4
33	Administration of prenatal betamethasone suppresses the adrenal-hypophyseal axis in newborns with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2004 , 39, 1176-82	2.6	4
32	EZH2 inhibition decreases neuroblastoma proliferation and in vivo tumor growth. <i>PLoS ONE</i> , 2021 , 16, e0246244	3.7	4
31	The Disturbing Findings of Pediatric Firearm Injuries From the National Trauma Data Bank: 2010-2016. <i>Journal of Surgical Research</i> , 2021 , 259, 224-229	2.5	4
30	Pleuropulmonary blastoma in an adolescent. <i>Journal of Pediatric Surgery Case Reports</i> , 2020 , 59, 101482-101483	1.0	4

29	A novel retinoid X receptor agonist, UAB30, inhibits rhabdomyosarcoma cells in vitro. <i>Journal of Surgical Research</i> , 2018 , 228, 54-62	2.5	3
28	A Synopsis of Pediatric Patients With Hepatoblastoma and Wilms Tumor: NSQIP-P 2012-2016. <i>Journal of Surgical Research</i> , 2019 , 244, 338-342	2.5	3
27	UAB30, A Novel Retinoid Agonist, Decreases Stemness In Group 3 Medulloblastoma Human Cell Line Xenografts. <i>Translational Oncology</i> , 2019 , 12, 1364-1374	4.9	3
26	Inhibition of the focal adhesion kinase and vascular endothelial growth factor receptor-3 interaction leads to decreased survival in human neuroblastoma cell lines. <i>Molecular Carcinogenesis</i> , 2014 , 53, 230-42	5	3
25	Neonatal spiradenoma. <i>Pediatric Dermatology</i> , 2013 , 30, e228-9	1.9	3
24	Targeting focal adhesion kinase in neuroblastoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010 , 10, 714-21	2.2	3
23	Insulin-like growth factor-I protects neuroblastoma against starvation-induced apoptosis and is associated with increased Bcl-2 expression. <i>Journal of Pediatric Surgery</i> , 2002 , 37, 472-6	2.6	3
22	Partial response to carboplatin, etoposide phosphate, and atezolizumab in a pediatric patient with high-grade metastatic tumor with rhabdoid and focal neuroendocrine features. <i>Pediatric Blood and Cancer</i> , 2020 , 67, e28048	3	3
21	Artificial Tumor Microenvironments in Neuroblastoma. <i>Cancers</i> , 2021 , 13,	6.6	3
20	Corruption of neuroblastoma patient derived xenografts with human T cell lymphoma. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 2117-2119	2.6	3
19	Clinical advances in oncolytic virotherapy for pediatric brain tumors. 2022 , 239, 108193		3
18	Open versus laparoscopic approach to gastric fundoplication in children with cardiac risk factors. <i>Journal of Surgical Research</i> , 2017 , 220, 52-58	2.5	2
17	CRISPR/Cas9-mediated knockout of PIM3 suppresses tumorigenesis and cancer cell stemness in human hepatoblastoma cells. <i>Cancer Gene Therapy</i> , 2021 ,	5.4	2
16	Investigation of PP2A and Its Endogenous Inhibitors in Neuroblastoma Cell Survival and Tumor Growth. <i>Translational Oncology</i> , 2019 , 12, 84-95	4.9	2
15	9-cis-UAB30, a novel retinoid agonist, decreases tumorigenicity and cancer cell stemness of human neuroblastoma patient-derived xenografts. <i>Translational Oncology</i> , 2021 , 14, 100893	4.9	2
14	Downregulation of PDGFR β Signaling Overcomes Crizotinib Resistance in a TYRO3 and ALK Mutated Neuroendocrine-Like Tumor. <i>Translational Oncology</i> , 2021 , 14, 101099	4.9	2
13	Neuroblastoma, apoptosis, and growth factors. <i>American Surgeon</i> , 2003 , 69, 28-31	0.8	2
12	Pancreatic islet cell tumors in adolescents and young adults. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 2103-2106	1.6	1

11	Caspase 3 expression is altered in a coculture model of neuroblastoma. <i>Journal of Surgical Research</i> , 2002 , 106, 323-7	2.5	1
10	Targeting High-Risk Neuroblastoma Patient-Derived Xenografts with Oncolytic Virotherapy.. <i>Cancers</i> , 2022 , 14,	6.6	1
9	PIM447 inhibits oncogenesis and potentiates cisplatin effects in hepatoblastoma. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 1157-1164	2.6	1
8	Novel second-generation rexinoid induces growth arrest and reduces cancer cell stemness in human neuroblastoma patient-derived xenografts. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 1165-1173	2.6	1
7	Serine-Threonine Kinase Receptor-Associated Protein (STRAP) Knockout Decreases the Malignant Phenotype in Neuroblastoma Cell Lines. <i>Cancers</i> , 2021 , 13,	6.6	1
6	Perforated Appendicitis during a Pandemic: The Downstream Effect of COVID-19 in Children. <i>Journal of Surgical Research</i> , 2021 , 268, 263-266	2.5	1
5	Bloom where you are planted: Hemangioma or malignancy?. <i>Pediatric Blood and Cancer</i> , 2021 , e29485	3	0
4	The effects of focal adhesion kinase and platelet-derived growth factor receptor beta inhibition in a patient-derived xenograft model of primary and metastatic Wilms tumor. <i>Oncotarget</i> , 2019 , 10, 5534-5548	3.3	0
3	PIM kinases mediate resistance to cisplatin chemotherapy in hepatoblastoma. <i>Scientific Reports</i> , 2021 , 11, 5984	4.9	0
2	Trending diversity: Reviewing four-decades of graduating fellows and the current leadership in pediatric surgery. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 1294-1298	2.6	0
1	Focal Adhesion Kinase with the Interacting Proteins and Signaling in Cancer 2010 , 275-305		