

# Adrienne C Scheck

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,439  
citations

516561

16  
h-index

454834

30  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2098  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ketogenic Diet Is an Effective Adjuvant to Radiation Therapy for the Treatment of Malignant Glioma. PLoS ONE, 2012, 7, e36197.	1.1	221
2	Gene expression analysis of glioblastomas identifies the major molecular basis for the prognostic benefit of younger age. BMC Medical Genomics, 2008, 1, 52.	0.7	181
3	The ketogenic diet reverses gene expression patterns and reduces reactive oxygen species levels when used as an adjuvant therapy for glioma. Nutrition and Metabolism, 2010, 7, 74.	1.3	166
4	Tumor Necrosis Factor- $\alpha$ -Induced Protein 3 As a Putative Regulator of Nuclear Factor- $\kappa$ B-Mediated Resistance to O6-Alkylating Agents in Human Glioblastomas. Journal of Clinical Oncology, 2006, 24, 274-287.	0.8	127
5	Enhanced immunity in a mouse model of malignant glioma is mediated by a therapeutic ketogenic diet. BMC Cancer, 2016, 16, 310.	1.1	111
6	Tumor Metabolism, the Ketogenic Diet and $\beta$ -Hydroxybutyrate: Novel Approaches to Adjuvant Brain Tumor Therapy. Frontiers in Molecular Neuroscience, 2016, 9, 122.	1.4	95
7	The Ketogenic Diet Alters the Hypoxic Response and Affects Expression of Proteins Associated with Angiogenesis, Invasive Potential and Vascular Permeability in a Mouse Glioma Model. PLoS ONE, 2015, 10, e0130357.	1.1	94
8	The ketogenic diet for the treatment of malignant glioma. Journal of Lipid Research, 2015, 56, 5-10.	2.0	74
9	Scanning Fiber Endoscope Improves Detection of 5-Aminolevulinic Acid-Induced Protoporphyrin IX Fluorescence at the Boundary of Infiltrative Glioma. World Neurosurgery, 2018, 113, e51-e69.	0.7	50
10	The ketogenic diet for the treatment of glioma: Insights from genetic profiling. Epilepsy Research, 2012, 100, 327-337.	0.8	43
11	Mathematical Analysis of Glioma Growth in a Murine Model. Scientific Reports, 2017, 7, 2508.	1.6	37
12	Prospective trial of gross-total resection with Gliadel wafers followed by early postoperative Gamma Knife radiosurgery and conformal fractionated radiotherapy as the initial treatment for patients with radiographically suspected, newly diagnosed glioblastoma multiforme. Journal of Neurosurgery, 2008, 109, 106-117.	0.9	37
13	Progress in Confocal Laser Endomicroscopy for Neurosurgery and Technical Nuances for Brain Tumor Imaging With Fluorescein. Frontiers in Oncology, 2019, 9, 554.	1.3	28
14	Probe-based three-dimensional confocal laser endomicroscopy of brain tumors: technical note. Cancer Management and Research, 2018, Volume 10, 3109-3123.	0.9	27
15	Monocyte-Derived Cells of the Brain and Malignant Gliomas: The Double Face of Janus. World Neurosurgery, 2014, 82, 1171-1186.	0.7	24
16	Improving the utility of 1H-MRS for the differentiation of glioma recurrence from radiation necrosis. Journal of Neuro-Oncology, 2017, 133, 97-105.	1.4	21
17	BCNU-resistant human glioma cells with over-representation of chromosomes 7 and 22 demonstrate increased copy number and expression of platelet-derived growth factor genes. Genes Chromosomes and Cancer, 1993, 8, 137-148.	1.5	15
18	Tumor Heterogeneity and Intrinsically Chemoresistant Subpopulations in Freshly Resected Human Malignant Gliomas. , 1991, 57, 243-262.		11

#	ARTICLE	IF	CITATIONS
19	Identification of transforming growth factor- $\beta$ 1-binding protein overexpression in carmustine-resistant glioma cells by mRNA differential display. <i>Cancer</i> , 2000, 89, 850-862.	2.0	8
20	The ketogenic diet alters the epigenetic landscape of GBM to potentiate the effects of chemotherapy and radiotherapy. <i>Neuro-Oncology</i> , 2019, 21, iv8-iv8.	0.6	6
21	Abstract 3217: Mechanistic analysis of the ketogenic diet versus KetoCal <sup>®</sup> as adjuvant treatments for malignant glioma. <i>Cancer Research</i> , 2012, 72, 3217-3217.	0.4	6
22	Abstract 4441: The ketogenic diet potentiates radiation therapy in a mouse model of glioma: effects on inflammatory pathways and reactive oxygen species.. <i>Cancer Research</i> , 2013, 73, 4441-4441.	0.4	6
23	Abstract 3346: The ketone body $\beta$ -hydroxybutyrate increases radiosensitivity in glioma cell lines in vitro. , 2015, , .		6
24	Over-representation of specific regions of chromosome 22 in cells from human glioma correlate with resistance to 1,3-bis(2-chloroethyl)-1-nitrosourea. <i>BMC Cancer</i> , 2006, 6, 2.	1.1	5
25	OP16. THE KETOGENIC DIET INDUCES EPIGENETIC CHANGES THAT PLAY KEY ROLES IN TUMOUR DEVELOPMENT. <i>Neuro-Oncology</i> , 2017, 19, i28-i28.	0.6	5
26	Abstract 638: Mechanistic studies of the ketogenic diet as an adjuvant therapy for malignant gliomas. <i>Cancer Research</i> , 2010, 70, 638-638.	0.4	5
27	ACTR-15. THERAPEUTIC KETOGENIC DIET (KD) WITH RADIATION AND CHEMOTHERAPY FOR NEWLY DIAGNOSED GLIOBLASTOMA – PRELIMINARY RESULTS FROM NCT02046187. <i>Neuro-Oncology</i> , 2017, 19, vi4-vi4.	0.6	4
28	Molecular Imaging of Glucose Metabolism for Intraoperative Fluorescence Guidance During Glioma Surgery. <i>Molecular Imaging and Biology</i> , 2021, 23, 586-596.	1.3	4
29	The central nervous system at the core of the regulation of energy homeostasis. <i>Frontiers in Bioscience - Elite</i> , 2009, 1, 448.	0.9	3
30	Abstract 240: The ketogenic diet alters the expression of microRNAs that play key roles in tumor development. , 2015, , .		2
31	Abstract 1125A: $\beta$ -hydroxybutyrate inhibits histone deacetylase activity and radiosensitizes malignant glioma cells. <i>Cancer Research</i> , 2017, 77, 1125A-1125A.	0.4	2
32	A tool for reproducible research: From data analysis (in R) to a typeset laboratory notebook (as .pdf) using the text editor Emacs with the 'mp' package. <i>F1000Research</i> , 0, 4, 483.	0.8	2
33	Molecular Biological Events in the Selection of Chemotherapy Resistant-Cells in Human Malignant Gliomas. , 1991, , 21-26.		2
34	Towards reproducible research: From data analysis (in R) to a typeset laboratory notebook (as .pdf) using the text editor Emacs with the 'mp' package. <i>F1000Research</i> , 0, 4, 483.	0.8	2
35	Chemotherapy Resistance. , 2006, , 89-104.		1
36	Use of Indocyanine Green Near-Infrared Laser Confocal Endomicroscopy In Vivo. <i>Neurosurgery</i> , 2010, 67, 562.	0.6	1

#	ARTICLE	IF	CITATIONS
37	ATPS-77 THE KETONE BODY $\beta$ -HYDROXYBUTYRATE RADIOSENSITIZES GLIOBLASTOMA MULTIFORME STEM CELLS. <i>Neuro-Oncology</i> , 2015, 17, v35.2-v35.	0.6	1
38	The Ketogenic Diet for the Adjuvant Treatment of Malignant Brain Tumors. , 2015, , 125-135.		1
39	The Ketogenic Diet as an Adjuvant Therapy for Brain Tumors and Other Cancers. , 2016, , 89-109.		1
40	Abstract CT213: Clinical effects of a ketogenic diet on brain tumor patients: tumor growth and quality of life. , 2015, , .		1
41	EXTH-16. THE KETONE BODY $\beta$ -HYDROXYBUTYRATE INHIBITS HISTONE DEACETYLASE ACTIVITY AND ALTERS EXPRESSION OF DNA REPAIR PROTEINS IN MALIGNANT GLIOMA CELLS. <i>Neuro-Oncology</i> , 2016, 18, vi62-vi63.	0.6	0
42	GENE-21. THE KETOGENIC DIET ALTERS THE EPIGENETIC LANDSCAPE OF GBM TO POTENTIATE THE EFFECTS OF CHEMO AND RADIOTHERAPY. <i>Neuro-Oncology</i> , 2017, 19, vi96-vi97.	0.6	0
43	EXTH-48. THE KETONE BODY $\beta$ -HYDROXYBUTYRATE CHEMO- AND RADIO-SENSITIZES MALIGNANT GLIOMA CELLS BY INHIBITING HISTONE DEACETYLASE ACTIVITY AND DOWNREGULATING EXPRESSION OF RAD51. <i>Neuro-Oncology</i> , 2017, 19, vi83-vi83.	0.6	0
44	The ketogenic diet for patients with brain tumours: Two parallel randomised trials. <i>Neuro-Oncology</i> , 2018, 20, i7-i8.	0.6	0
45	Chemotherapy Resistance. , 2018, , 87-104.		0
46	Abstract 1789: NFKBIA deletion in malignant gliomas. , 2010, , .		0
47	Abstract 624: Efficacy of KetoCal as an adjuvant therapy for malignant gliomas. , 2011, , .		0
48	Abstract 1440: Metabolic therapy reduces expression of PECAM-1/CD31 and decreases peritumoral edema in a mouse model of malignant glioma. , 2014, , .		0
49	Abstract 1344: The ketogenic diet enhances immunity in a mouse model of malignant glioma. , 2015, , .		0
50	Abstract B73: Ketogenic diet enhances immunity to glioblastoma. , 2015, , .		0
51	Abstract 1022: The ketone body $\beta$ -hydroxybutyrate down regulates c-Myc signaling in a malignant glioma model. , 2016, , .		0
52	Ketogenic Diet as Adjunctive Therapy for Malignant Brain Cancer. , 2016, , .		0