

# Christopher D Willey

## List of Publications by Year in descending order

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97  
papers

2,505  
citations

185998

28  
h-index

233125

45  
g-index

99  
all docs

99  
docs citations

99  
times ranked

4023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Poly(ADP-Ribose) Polymerase Enhances Cell Death and Improves Tumor Growth Delay in Irradiated Lung Cancer Models. <i>Clinical Cancer Research</i> , 2007, 13, 3033-3042.	3.2	257
2	c-Raf/MEK/ERK Pathway Controls Protein Kinase C-mediated p70S6K Activation in Adult Cardiac Muscle Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 23065-23075.	1.6	130
3	Integrin Activation and Focal Complex Formation in Cardiac Hypertrophy. <i>Journal of Biological Chemistry</i> , 2000, 275, 35624-35630.	1.6	118
4	Expression Signature of IFN/STAT1 Signaling Genes Predicts Poor Survival Outcome in Glioblastoma Multiforme in a Subtype-Specific Manner. <i>PLoS ONE</i> , 2012, 7, e29653.	1.1	118
5	Review of evolving etiologies, implications and treatment strategies for the superior vena cava syndrome. <i>SpringerPlus</i> , 2016, 5, 229.	1.2	105
6	Spleen Tyrosine Kinase-mediated Autophagy Is Required for Epithelial-Mesenchymal Plasticity and Metastasis in Breast Cancer. <i>Cancer Research</i> , 2019, 79, 1831-1843.	0.4	95
7	Sialylation of EGFR by the ST6Gal-I sialyltransferase promotes EGFR activation and resistance to gefitinib-mediated cell death. <i>Journal of Ovarian Research</i> , 2018, 11, 12.	1.3	87
8	Inhibition of STAT-3 results in radiosensitization of human squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2009, 92, 339-344.	0.3	66
9	Fractionated stereotactic radiation therapy for intact brain metastases. <i>Advances in Radiation Oncology</i> , 2017, 2, 564-571.	0.6	54
10	Inhibition of STAT-3 results in greater cetuximab sensitivity in head and neck squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2011, 99, 339-343.	0.3	52
11	Inhibition of STAT3 Signaling Reduces IgA1 Autoantigen Production in IgA Nephropathy. <i>Kidney International Reports</i> , 2017, 2, 1194-1207.	0.4	49
12	MARCKS Regulates Growth and Radiation Sensitivity and Is a Novel Prognostic Factor for Glioma. <i>Clinical Cancer Research</i> , 2012, 18, 3030-3041.	3.2	46
13	Enhanced ubiquitination of cytoskeletal proteins in pressure overloaded myocardium is accompanied by changes in specific E3 ligases. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 669-679.	0.9	45
14	Kinomic exploration of temozolomide and radiation resistance in Glioblastoma multiforme xenografts. <i>Radiotherapy and Oncology</i> , 2014, 111, 468-474.	0.3	43
15	N-cadherin upregulation mediates adaptive radioresistance in glioblastoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	43
16	Postoperative radiosurgery for the treatment of metastatic brain tumor: Evaluation of local failure and leptomeningeal disease. <i>Journal of Clinical Neuroscience</i> , 2018, 49, 48-55.	0.8	42
17	Radiosensitization of solid tumors by Z-VAD, a pan-caspase inhibitor. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 1270-1279.	1.9	41
18	Exploring the Roles of lncRNAs in GBM Pathophysiology and Their Therapeutic Potential. <i>Cells</i> , 2020, 9, 2369.	1.8	38

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19	Focal complex formation in adult cardiomyocytes is accompanied by the activation of $\beta$ 3 integrin and c-Src. <i>Journal of Molecular and Cellular Cardiology</i> , 2003, 35, 671-683.	0.9	37
20	Kinase Control of Latent HIV-1 Infection: PIM-1 Kinase as a Major Contributor to HIV-1 Reactivation. <i>Journal of Virology</i> , 2014, 88, 364-376.	1.5	36
21	The protective effect of p16INK4a in oral cavity carcinomas: p16Ink4A dampens tumor invasionâ€™ integrated analysis of expression and kinomics pathways. <i>Modern Pathology</i> , 2015, 28, 631-653.	2.9	35
22	Inhibition of Survivin and Aurora B Kinase Sensitizes Mesothelioma Cells by Enhancing Mitotic Arrests. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 1519-1525.	0.4	34
23	High Throughput Kinomic Profiling of Human Clear Cell Renal Cell Carcinoma Identifies Kinase Activity Dependent Molecular Subtypes. <i>PLoS ONE</i> , 2015, 10, e0139267.	1.1	34
24	Patient-Derived Xenografts as a Model System for Radiation Research. <i>Seminars in Radiation Oncology</i> , 2015, 25, 273-280.	1.0	33
25	HPAanalyze: an R package that facilitates the retrieval and analysis of the Human Protein Atlas data. <i>BMC Bioinformatics</i> , 2019, 20, 463.	1.2	33
26	Optical surface guidance for submillimeter monitoring of patient position during frameless stereotactic radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 91-98.	0.8	33
27	Pathologic Predictors of Local Recurrence in Atypical Meningiomas Following Gross Total Resection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 453-459.	0.4	31
28	STAT3 Activation in Pressure-Overloaded Feline Myocardium: Role for Integrins and the Tyrosine Kinase BMX. <i>International Journal of Biological Sciences</i> , 2008, 4, 184-199.	2.6	30
29	HIV Protease Inhibitors Enhance the Efficacy of Irradiation. <i>Cancer Research</i> , 2007, 67, 4886-4893.	0.4	28
30	Kinomic profiling approach identifies Trk as a novel radiation modulator. <i>Radiotherapy and Oncology</i> , 2012, 103, 380-387.	0.3	26
31	Leukemia Inhibitory Factor Signaling Enhances Production of Galactose-Deficient IgA1 in IgA Nephropathy. <i>Kidney Diseases (Basel, Switzerland)</i> , 2020, 6, 168-180.	1.2	26
32	Cellular Signaling and Production of Galactose-Deficient IgA1 in IgA Nephropathy, an Autoimmune Disease. <i>Journal of Immunology Research</i> , 2014, 2014, 1-10.	0.9	24
33	The Effector Domain of MARCKS Is a Nuclear Localization Signal that Regulates Cellular PIP2 Levels and Nuclear PIP2 Localization. <i>PLoS ONE</i> , 2015, 10, e0140870.	1.1	24
34	Mini-Review: Bmx Kinase Inhibitors for Cancer Therapy. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2013, 8, 228-238.	0.8	24
35	Understanding Drug Sensitivity and Tackling Resistance in Cancer. <i>Cancer Research</i> , 2022, 82, 1448-1460.	0.4	24
36	Stable Phenotypic Changes of the Host T Cells Are Essential to the Long-Term Stability of Latent HIV-1 Infection. <i>Journal of Virology</i> , 2015, 89, 6656-6672.	1.5	22

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37	Focal Management of Large Brain Metastases and Risk of Leptomeningeal Disease. <i>Advances in Radiation Oncology</i> , 2020, 5, 34-42.	0.6	21
38	Enzastaurin (LY317615), a Protein Kinase C Beta Selective Inhibitor, Enhances Antiangiogenic Effect of Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 1518-1526.	0.4	20
39	Fibroblast growth factor receptors as therapeutic targets in clear-cell renal cell carcinoma. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 305-315.	1.9	20
40	Enhancement of Cetuximab-Induced Radiosensitization by JAK-1 Inhibition. <i>BMC Cancer</i> , 2015, 15, 673.	1.1	20
41	Therapeutically actionable PAK4 is amplified, overexpressed, and involved in bladder cancer progression. <i>Oncogene</i> , 2020, 39, 4077-4091.	2.6	19
42	Expression of protein kinase C isoforms in cultured human retinal pigment epithelial cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 993-999.	1.0	18
43	Transition From Manual to Automated Planning and Delivery of Volumetric Modulated Arc Therapy Stereotactic Radiosurgery: Clinical, Dosimetric, and Quality Assurance Results. <i>Practical Radiation Oncology</i> , 2021, 11, e163-e171.	1.1	18
44	Bone Marrow X Kinase-Mediated Signal Transduction in Irradiated Vascular Endothelium. <i>Cancer Research</i> , 2008, 68, 2861-2869.	0.4	17
45	Surface guided imaging during stereotactic radiosurgery with automated delivery. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 90-95.	0.8	17
46	Kinomic Profiling of Electromagnetic Navigational Bronchoscopy Specimens: A New Approach for Personalized Medicine. <i>PLoS ONE</i> , 2014, 9, e116388.	1.1	16
47	Generation of Microtumors Using 3D Human Biogel Culture System and Patient-derived Glioblastoma Cells for Kinomic Profiling and Drug Response Testing. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	16
48	Differential Efficacy of Combined Therapy With Radiation and AEE788 in High and Low EGFR-Expressing Androgen-Independent Prostate Tumor Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 237-246.	0.4	15
49	Targeting the effector domain of the myristoylated alanine rich C-kinase substrate enhances lung cancer radiation sensitivity. <i>International Journal of Oncology</i> , 2015, 46, 1079-1088.	1.4	14
50	Kinomic profiling of glioblastoma cells reveals PLCG1 as a target in restricted glucose. <i>Biomarker Research</i> , 2018, 6, 22.	2.8	14
51	Kinomics toolbox—A web platform for analysis and viewing of kinomic peptide array data. <i>PLoS ONE</i> , 2018, 13, e0202139.	1.1	14
52	Kinase analysis of penile squamous cell carcinoma on multiple platforms to identify potential therapeutic targets. <i>Oncotarget</i> , 2017, 8, 21710-21718.	0.8	14
53	Hypofractionated stereotactic radiosurgery with concurrent bevacizumab for recurrent malignant gliomas: the University of Alabama at Birmingham experience. <i>Neuro-Oncology Practice</i> , 2014, 1, 172-177.	1.0	13
54	MARCKS phosphorylation is modulated by a peptide mimetic of MARCKS effector domain leading to increased radiation sensitivity in lung cancer cell lines. <i>Oncology Letters</i> , 2017, 13, 1216-1222.	0.8	13

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55	Management of Metastatic Spinal Cord Compression. <i>Southern Medical Journal</i> , 2017, 110, 586-593.	0.3	13
56	Intratumoral spatial heterogeneity of BTK kinomic activity dictates distinct therapeutic response within a single glioblastoma tumor. <i>Journal of Neurosurgery</i> , 2020, 133, 1683-1694.	0.9	13
57	Combinatorial Drug Testing in 3D Microtumors Derived from GBM Patient-Derived Xenografts Reveals Cytotoxic Synergy in Pharmacokinomics-informed Pathway Interactions. <i>Scientific Reports</i> , 2018, 8, 8412.	1.6	12
58	A cell-penetrating MARCKS mimetic selectively triggers cytolytic death in glioblastoma. <i>Oncogene</i> , 2020, 39, 6961-6974.	2.6	12
59	Combining PARP and DNA-PK Inhibitors With Irradiation Inhibits HPV-Negative Head and Neck Cancer Squamous Carcinoma Growth. <i>Frontiers in Genetics</i> , 2020, 11, 1036.	1.1	12
60	Novel EGFR ectodomain mutations associated with ligand-independent activation and cetuximab resistance in head and neck cancer. <i>PLoS ONE</i> , 2020, 15, e0229077.	1.1	12
61	Fibroblast growth factor receptor facilitates recurrence of minimal residual disease following trastuzumab emtansine therapy. <i>Npj Breast Cancer</i> , 2021, 7, 5.	2.3	11
62	Differential escape mechanisms in cetuximab-resistant head and neck cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 36-42.	1.0	10
63	Kinomic profiling identifies focal adhesion kinase 1 as a therapeutic target in advanced clear cell renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 29220-29232.	0.8	10
64	Inhibition of DNA-PK may improve response to neoadjuvant chemoradiotherapy in rectal cancer. <i>Neoplasia</i> , 2022, 25, 53-61.	2.3	10
65	Interaction of Chemotherapy and Radiation. , 2012, , 65-82.		9
66	Targeted Extracellular Vesicles Delivered Verrucarin A to Treat Glioblastoma. <i>Biomedicines</i> , 2022, 10, 130.	1.4	8
67	Mechanistic Parameterization of the Kinomic Signal in Peptide Arrays. <i>Journal of Proteomics and Bioinformatics</i> , 2016, 09, 151-157.	0.4	7
68	Electromagnetic Transponder Based Tracking and Gating in the Radiotherapeutic Treatment of Thoracic Malignancies. <i>Practical Radiation Oncology</i> , 2019, 9, 456-464.	1.1	7
69	PIM kinases mediate resistance to cisplatin chemotherapy in hepatoblastoma. <i>Scientific Reports</i> , 2021, 11, 5984.	1.6	7
70	Targeting High-Risk Neuroblastoma Patient-Derived Xenografts with Oncolytic Virotherapy. <i>Cancers</i> , 2022, 14, 762.	1.7	7
71	Myristoylated alanine-rich C-kinase substrate effector domain phosphorylation regulates the growth and radiation sensitization of glioblastoma. <i>International Journal of Oncology</i> , 2019, 54, 2039-2053.	1.4	6
72	Control and Toxicity in Melanoma Versus Other Brain Metastases in Response to Combined Radiosurgery and PD-(L)1 Immune Checkpoint Inhibition. <i>Advances in Radiation Oncology</i> , 2021, 6, 100561.	0.6	6

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73	Serine-Threonine Kinase Receptor-Associated Protein (STRAP) Knockout Decreases the Malignant Phenotype in Neuroblastoma Cell Lines. <i>Cancers</i> , 2021, 13, 3201.	1.7	6
74	Kinomic Alterations in Atypical Meningioma. <i>Medical Research Archives</i> , 2015, 2015, .	0.1	6
75	Factors associated with loss to follow-up after radiation therapy for head and neck cancer. <i>Head and Neck</i> , 2022, 44, 943-951.	0.9	6
76	Refractory lympho-epithelial carcinoma of the nasopharynx: a case report illustrating a protracted clinical course. <i>Head &amp; Neck Oncology</i> , 2009, 1, 18.	2.3	5
77	A Novel Assay for Profiling GBM Cancer Model Heterogeneity and Drug Screening. <i>Cells</i> , 2019, 8, 702.	1.8	5
78	BEERE: a web server for biomedical entity expansion, ranking and explorations. <i>Nucleic Acids Research</i> , 2019, 47, W578-W586.	6.5	5
79	Cancer Explant Models. <i>Current Topics in Microbiology and Immunology</i> , 2019, 430, 131-160.	0.7	5
80	Predictors of In-Hospital Death in Patients with Lung Cancer Admitted for Acute Radiation Pneumonitis: A Healthcare Cost and Utilization Project (HCUP) Analysis. <i>Clinical Lung Cancer</i> , 2021, 22, e716-e722.	1.1	5
81	A Phase II Multi-institutional Trial of Chemoradiation Using Weekly Docetaxel and Erythropoietin for High-Risk Postoperative Head and Neck Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 1323-1331.	0.4	4
82	Treatment of small cell lung cancer with TRA-8 in combination with cisplatin and radiation. <i>Radiotherapy and Oncology</i> , 2011, 101, 183-189.	0.3	4
83	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.	0.8	4
84	A Kinase-Independent Function of c-Src Mediates p130Cas Phosphorylation at the Serine639 Site in Pressure Overloaded Myocardium. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2793-2803.	1.2	3
85	Adjuvant anti-angiogenic therapy enhances chemotherapeutic uptake in a murine model of head and neck cancer. <i>Journal of Drug Targeting</i> , 2019, 27, 193-200.	2.1	3
86	Hepatitis C virus Genie: A web 2.0 interpretation and analytics platform for the Versant Hepatitis C virus genotype Line Probe Assay version 2.0. <i>Journal of Pathology Informatics</i> , 2017, 8, 41.	0.8	2
87	Serine-Threonine Kinase Receptor Associate Protein (STRAP) confers an aggressive phenotype in neuroblastoma via regulation of Focal Adhesion Kinase (FAK). <i>Journal of Pediatric Surgery</i> , 2022, 57, 1026-1032.	0.8	2
88	Lipid microsphere bound oxycodone for pain management in patients receiving radiotherapy for head and neck cancer. <i>Supportive Care in Cancer</i> , 2021, 29, 263-269.	1.0	1
89	Statistical Enrichment Analysis of Samples: A General-Purpose Tool to Annotate Metadata Neighborhoods of Biological Samples. <i>Frontiers in Big Data</i> , 2021, 4, 725276.	1.8	1
90	Integrin-Dependent and -Independent Signaling During Pressure-Overload Cardiac Hypertrophy. <i>Progress in Experimental Cardiology</i> , 2000, , 143-164.	0.0	1

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91	Inflammation and Cell Adhesion Molecules are Involved in Radiation-Induced Lung Injury. , 2008, , 23-30.		1
92	A82. Bmx and c-Src mediates phosphorylation of p130Cas during cardiac hypertrophy. Journal of Molecular and Cellular Cardiology, 2006, 40, 891.	0.9	0
93	222. International Journal of Radiation Oncology Biology Physics, 2006, 66, S123.	0.4	0
94	FP175LIF SIGNALING ENHANCES PRODUCTION OF GALACTOSE-DEFICIENT IGA1 IN IGA NEPHROPATHY. Nephrology Dialysis Transplantation, 2018, 33, i88-i89.	0.4	0
95	A potential mechanism of p130Cas phosphorylation by c-Src and Bmx during cardiac hypertrophy. FASEB Journal, 2006, 20, A983.	0.2	0
96	CBMS-7 IGF1/N-cadherin/Clusterin signaling axis mediates adaptive radioresistance of glioma stem cells. Neuro-Oncology Advances, 2021, 3, vi3-vi3.	0.4	0
97	Patience Is a Virtue. International Journal of Radiation Oncology Biology Physics, 2022, 113, 12.	0.4	0