

Rodney B Luwor

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,175
citations

201658

27
h-index

155644

55
g-index

65
all docs

65
docs citations

65
times ranked

6292
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-11 Is the Dominant IL-6 Family Cytokine during Gastrointestinal Tumorigenesis and Can Be Targeted Therapeutically. <i>Cancer Cell</i> , 2013, 24, 257-271.	16.8	341
2	The EGFRvIII variant in glioblastoma multiforme. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 748-754.	1.5	325
3	Isolation and Characterization of Tumor Cells from the Ascites of Ovarian Cancer Patients: Molecular Phenotype of Chemoresistant Ovarian Tumors. <i>PLoS ONE</i> , 2012, 7, e46858.	2.5	188
4	Nuclear receptor NR4A1 promotes breast cancer invasion and metastasis by activating TGF- β 2 signalling. <i>Nature Communications</i> , 2014, 5, 3388.	12.8	156
5	Epidermal Growth Factor Receptor (EGFR) Ubiquitination as a Mechanism of Acquired Resistance Escaping Treatment by the Anti-EGFR Monoclonal Antibody Cetuximab. <i>Cancer Research</i> , 2007, 67, 8240-8247.	0.9	149
6	<p>Ponatinib: a novel multi-tyrosine kinase inhibitor against human malignancies</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 635-645.	2.0	124
7	The anti-epidermal growth factor receptor monoclonal antibody cetuximab/C225 reduces hypoxia-inducible factor-1 alpha, leading to transcriptional inhibition of vascular endothelial growth factor expression. <i>Oncogene</i> , 2005, 24, 4433-4441.	5.9	120
8	Inhibition of the JAK2/STAT3 pathway in ovarian cancer results in the loss of cancer stem cell-like characteristics and a reduced tumor burden. <i>BMC Cancer</i> , 2014, 14, 317.	2.6	105
9	The role of Stat3 in glioblastoma multiforme. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 907-911.	1.5	104
10	Treatment of Human Tumor Xenografts with Monoclonal Antibody 806 in Combination with a Prototypical Epidermal Growth Factor Receptor-â€“Specific Antibody Generates Enhanced Antitumor Activity. <i>Clinical Cancer Research</i> , 2005, 11, 6390-6399.	7.0	103
11	Paclitaxel-Loaded Self-Assembled Lipid Nanoparticles as Targeted Drug Delivery Systems for the Treatment of Aggressive Ovarian Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25174-25185.	8.0	102
12	Antitumor efficacy of cytotoxic drugs and the monoclonal antibody 806 is enhanced by the EGF receptor inhibitor AG1478. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15871-15876.	7.1	94
13	The tumor-specific de2â€“7 epidermal growth factor receptor (EGFR) promotes cells survival and heterodimerizes with the wild-type EGFR. <i>Oncogene</i> , 2004, 23, 6095-6104.	5.9	80
14	The Role of STAT3 Signaling in Mediating Tumor Resistance to Cancer Therapy. <i>Current Drug Targets</i> , 2014, 15, 1341-1353.	2.1	65
15	Mouse models of glioma. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 619-626.	1.5	64
16	Targeted Disruption of the JAK2/STAT3 Pathway in Combination with Systemic Administration of Paclitaxel Inhibits the Priming of Ovarian Cancer Stem Cells Leading to a Reduced Tumor Burden. <i>Frontiers in Oncology</i> , 2014, 4, 75.	2.8	62
17	The role of interleukin-6-â€“STAT3 signalling in glioblastoma (Review). <i>Oncology Letters</i> , 2018, 16, 4095-4104.	1.8	61
18	Epidermal growth factor receptor: Structure-function informing the design of anticancer therapeutics. <i>Experimental Cell Research</i> , 2018, 371, 1-19.	2.6	59

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19	miRNA expression profiling of cerebrospinal fluid in patients with aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2017, 126, 1131-1139.	1.6	55
20	STAT3 signaling mediates tumour resistance to EGFR targeted therapeutics. <i>Molecular and Cellular Endocrinology</i> , 2017, 451, 15-23.	3.2	49
21	MicroRNA as potential biomarkers in Glioblastoma. <i>Journal of Neuro-Oncology</i> , 2015, 125, 237-248.	2.9	47
22	<i>In Vitro</i> and <i>In Vivo</i> Toxicity and Biodistribution of Paclitaxel-Loaded Cubosomes as a Drug Delivery Nanocarrier: A Case Study Using an A431 Skin Cancer Xenograft Model. <i>ACS Applied Bio Materials</i> , 2020, 3, 4198-4207.	4.6	45
23	A comprehensive meta-analysis of circulation miRNAs in glioma as potential diagnostic biomarker. <i>PLoS ONE</i> , 2018, 13, e0189452.	2.5	39
24	Transforming growth factor-beta (TGF- β 2) and brain tumours. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 845-855.	1.5	36
25	SPSB1, a Novel Negative Regulator of the Transforming Growth Factor- β 2 Signaling Pathway Targeting the Type II Receptor. <i>Journal of Biological Chemistry</i> , 2015, 290, 17894-17908.	3.4	32
26	Cell quiescence correlates with enhanced glioblastoma cell invasion and cytotoxic resistance. <i>Experimental Cell Research</i> , 2019, 374, 353-364.	2.6	31
27	The emerging use of bioluminescence in medical research. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 74-86.	5.6	29
28	Anti-EGFR therapeutic efficacy correlates directly with inhibition of STAT3 activity. <i>Cancer Biology and Therapy</i> , 2014, 15, 623-632.	3.4	27
29	Momelotinib decreased cancer stem cell associated tumor burden and prolonged disease-free remission period in a mouse model of human ovarian cancer. <i>Oncotarget</i> , 2018, 9, 16599-16618.	1.8	27
30	The peroxisome proliferator activated receptor gamma agonist pioglitazone increases functional expression of the glutamate transporter excitatory amino acid transporter 2 (EAAT2) in human glioblastoma cells. <i>Oncotarget</i> , 2015, 6, 21301-21314.	1.8	27
31	A critical role of Oct4A in mediating metastasis and disease-free survival in a mouse model of ovarian cancer. <i>Molecular Cancer</i> , 2015, 14, 152.	19.2	26
32	Expression of the adaptor protein Tks5 in human cancer: Prognostic potential. <i>Oncology Reports</i> , 2014, 32, 989-1002.	2.6	22
33	Antitumor and Antiangiogenic Properties of Gold(III) Complexes Containing Cycloaurated Triphenylphosphine Sulfide Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 5662-5673.	4.0	22
34	Inhibition of glioblastoma cell proliferation, migration and invasion by the proteasome antagonist carfilzomib. <i>Medical Oncology</i> , 2016, 33, 53.	2.5	21
35	Extracellular Vesicles Secreted by Glioma Stem Cells Are Involved in Radiation Resistance and Glioma Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2770.	4.1	21
36	Betaglycan blocks metastatic behaviors in human granulosa cell tumors by suppressing NF- κ B-mediated induction of MMP2. <i>Cancer Letters</i> , 2014, 354, 107-114.	7.2	20

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37	Single live cell TGF- β 2 signalling imaging: breast cancer cell motility and migration is driven by sub-populations of cells with dynamic TGF- β 2-Smad3 activity. <i>Molecular Cancer</i> , 2015, 14, 50.	19.2	18
38	Knockdown of stem cell regulator Oct4A in ovarian cancer reveals cellular reprogramming associated with key regulators of cytoskeleton-extracellular matrix remodelling. <i>Scientific Reports</i> , 2017, 7, 46312.	3.3	18
39	Enhancement of invadopodia activity in glioma cells by sublethal doses of irradiation and temozolomide. <i>Journal of Neurosurgery</i> , 2018, 129, 598-610.	1.6	18
40	Targeting Glioma Stem Cells by Functional Inhibition of Dynamin 2: A Novel Treatment Strategy for Glioblastoma. <i>Cancer Investigation</i> , 2019, 37, 144-155.	1.3	17
41	Using bioluminescence imaging in glioma research. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 779-784.	1.5	16
42	Defining the essential function of FBP/KSRP proteins: <i>Drosophila</i> Psi interacts with the mediator complex to modulate MYC transcription and tissue growth. <i>Nucleic Acids Research</i> , 2016, 44, 7646-7658.	14.5	16
43	Potent and Selective Cytotoxic and Anti-inflammatory Gold(III) Compounds Containing Cyclometalated Phosphine Sulfide Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 14089-14100.	3.3	16
44	New reagents for improved <i>in vitro</i> and <i>in vivo</i> examination of TGF- β 2 signalling. <i>Growth Factors</i> , 2011, 29, 211-218.	1.7	15
45	Ponatinib Inhibits Multiple Signaling Pathways Involved in STAT3 Signaling and Attenuates Colorectal Tumor Growth. <i>Cancers</i> , 2018, 10, 526.	3.7	15
46	Inhibition of Radiation and Temozolomide-Induced Invadopodia Activity in Glioma Cells Using FDA-Approved Drugs. <i>Translational Oncology</i> , 2018, 11, 1406-1418.	3.7	15
47	Reduced EGFR and increased miR-221 is associated with increased resistance to temozolomide and radiotherapy in glioblastoma. <i>Scientific Reports</i> , 2020, 10, 17768.	3.3	15
48	Coalition of Oct4A and β 1 integrins in facilitating metastasis in ovarian cancer. <i>BMC Cancer</i> , 2016, 16, 432.	2.6	14
49	Examination of Novel Immunomodulatory Effects of L-Sulforaphane. <i>Nutrients</i> , 2021, 13, 602.	4.1	11
50	Constitutively active Harvey Ras confers resistance to epidermal growth factor receptor-targeted therapy with cetuximab and gefitinib. <i>Cancer Letters</i> , 2011, 306, 85-91.	7.2	10
51	Paclitaxel-Induced Src Activation Is Inhibited by Dasatinib Treatment, Independently of Cancer Stem Cell Properties, in a Mouse Model of Ovarian Cancer. <i>Cancers</i> , 2019, 11, 243.	3.7	10
52	Cancer exosomes in cerebrospinal fluid. <i>Translational Cancer Research</i> , 2017, 6, S1352-S1370.	1.0	10
53	Dynamin II function is required for EGF-mediated Stat3 activation but not Erk1/2 phosphorylation. <i>Growth Factors</i> , 2012, 30, 220-229.	1.7	9
54	Elucidating the role of long intergenic non-coding RNA 339 in human endometrium and endometriosis. <i>Molecular Human Reproduction</i> , 2021, 27, .	2.8	9

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55	Cortical tension initiates the positive feedback loop between cadherin and F-actin. <i>Biophysical Journal</i> , 2022, 121, 596-606.	0.5	9
56	EGFRVIII Promotes Cell Survival during Endoplasmic Reticulum Stress through a Reticulocalbin 1-Dependent Mechanism. <i>Cancers</i> , 2021, 13, 1198.	3.7	7
57	Therapeutic Reversal of Radiotherapy Injury to Pro-fibrotic Dysfunctional Fibroblasts In Vitro Using Adipose-derived Stem Cells. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2706.	0.6	6
58	Dinuclear orthometallated gold(I)-gold(III) anticancer complexes with potent <i>in vivo</i> activity through an ROS-dependent mechanism. <i>Metallomics</i> , 2021, 13, .	2.4	6
59	Enhanced activation of STAT3 in ascites-derived recurrent ovarian tumors: inhibition of cisplatin-induced STAT3 activation reduced tumorigenicity of ovarian cancer by a loss of cancer stem cell-like characteristics. <i>Journal of Cancer Stem Cell Research</i> , 2015, 3, 1.	1.1	6
60	The effects of the dietary compound L-sulforaphane against respiratory pathogens. <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106460.	2.5	3
61	Tumor-associated EGFR over-expression specifically activates Stat3 and Smad7 resulting in desensitization of TGF- β 2 signaling. <i>Nature Precedings</i> , 2008, , .	0.1	2
62	Novel additive for sperm cryopreservation media: <i>Holothuria parva</i> coelomic cavity extract protects human spermatozoa against oxidative stressâ€”A pilot study. <i>Andrologia</i> , 2020, 52, e13604.	2.1	2
63	Carfilzomib Promotes the Unfolded Protein Response and Apoptosis in Cetuximab-Resistant Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7114.	4.1	2
64	Peripheral biomarkers in glioblastoma patientsâ€”is it all just HOTAIR?. <i>Non-coding RNA Investigation</i> , 0, 2, 32-32.	0.6	2