

Stefan Kaluz

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,135
citations

236925

25
h-index

223800

46
g-index

53
all docs

53
docs citations

53
times ranked

3411
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Targeting HIF-activated collagen prolyl 4-hydroxylase expression disrupts collagen deposition and blocks primary and metastatic uveal melanoma growth. <i>Oncogene</i> , 2021, 40, 5182-5191. | 5.9 | 13 |
| 2 | EZH2 targeting reduces medulloblastoma growth through epigenetic reactivation of the BAI1/p53 tumor suppressor pathway. <i>Oncogene</i> , 2020, 39, 1041-1048. | 5.9 | 33 |
| 3 | Arylsulfonamide 64B Inhibits Hypoxia/HIF-Induced Expression of c-Met and CXCR4 and Reduces Primary Tumor Growth and Metastasis of Uveal Melanoma. <i>Clinical Cancer Research</i> , 2019, 25, 2206-2218. | 7.0 | 45 |
| 4 | Taking a HIF pill for old age diseases?. <i>Aging</i> , 2018, 10, 290-292. | 3.1 | 5 |
| 5 | Design and synthesis of benzopyran-based inhibitors of the hypoxia-inducible factor-1 pathway with improved water solubility. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 992-1001. | 5.2 | 7 |
| 6 | Purifying Properly Folded Cysteine-rich, Zinc Finger Containing Recombinant Proteins for Structural Drug Targeting Studies: the CH1 Domain of p300 as a Case Example. <i>Bio-protocol</i> , 2017, 7, . | 0.4 | 2 |
| 7 | A novel small-molecule arylsulfonamide causes energetic stress and suppresses breast and lung tumor growth and metastasis. <i>Oncotarget</i> , 2017, 8, 99245-99260. | 1.8 | 8 |
| 8 | A role for activated Cdc42 in glioblastoma multiforme invasion. <i>Oncotarget</i> , 2016, 7, 56958-56975. | 1.8 | 32 |
| 9 | Tyr Phosphorylation of PDP1 Toggles Recruitment between ACAT1 and SIRT3 to Regulate the Pyruvate Dehydrogenase Complex. <i>Molecular Cell</i> , 2014, 53, 534-548. | 9.7 | 247 |
| 10 | Hypoxia inducible factor pathway inhibitors as anticancer therapeutics. <i>Future Medicinal Chemistry</i> , 2013, 5, 553-572. | 2.3 | 116 |
| 11 | A proprotein convertase/MMP-14 proteolytic cascade releases a novel 40 kDa vasculostatin from tumor suppressor BAI1. <i>Oncogene</i> , 2012, 31, 5144-5152. | 5.9 | 71 |
| 12 | 5-D confocal imaging to visualize glioblastoma spheroid invasion into the extracellular matrix. <i>Microscopy and Microanalysis</i> , 2012, 18, 180-181. | 0.4 | 0 |
| 13 | Arylsulfonamide KCN1 Inhibits <i>In Vivo</i> Glioma Growth and Interferes with HIF Signaling by Disrupting HIF-1 α Interaction with Cofactors p300/CBP. <i>Clinical Cancer Research</i> , 2012, 18, 6623-6633. | 7.0 | 74 |
| 14 | Binding Model for the Interaction of Anticancer Arylsulfonamides with the p300 Transcription Cofactor. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 620-625. | 2.8 | 15 |
| 15 | Design and Synthesis of Novel Small-Molecule Inhibitors of the Hypoxia Inducible Factor Pathway. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8471-8489. | 6.4 | 44 |
| 16 | Sulfonamides as a new scaffold for hypoxia inducible factor pathway inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5528-5532. | 2.2 | 32 |
| 17 | At the crossroads of cancer and inflammation: Ras rewires an HIF-driven IL-1 autocrine loop. <i>Journal of Molecular Medicine</i> , 2011, 89, 91-94. | 3.9 | 17 |
| 18 | Mitogen-Activated Protein/Extracellular Signal-Regulated Kinase Kinase 1 α /Tubulin Interaction Is an Important Determinant of Mitotic Stability in Cultured HT1080 Human Fibrosarcoma Cells. <i>Cancer Research</i> , 2010, 70, 6004-6014. | 0.9 | 17 |

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|----|---|-----|-----------|
| 19 | Transcriptional control of the tumor- and hypoxia-marker carbonic anhydrase 9: A one transcription factor (HIF-1) show?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2009, 1795, 162-172. | 7.4 | 161 |
| 20 | PI3K/Akt activity has variable cell-specific effects on expression of HIF target genes, CA9 and VEGF, in human cancer cell lines. <i>Cancer Letters</i> , 2009, 282, 109-115. | 7.2 | 53 |
| 21 | Does inhibition of degradation of hypoxia-inducible factor (HIF) always lead to activation of HIF? lessons learnt from the effect of proteasomal inhibition on HIF activity. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 536-544. | 2.6 | 25 |
| 22 | Rational design of minimal hypoxia-inducible enhancers. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 613-618. | 2.1 | 27 |
| 23 | Regulation of gene expression by hypoxia: Integration of the HIF-transduced hypoxic signal at the hypoxia-responsive element. <i>Clinica Chimica Acta</i> , 2008, 395, 6-13. | 1.1 | 131 |
| 24 | Comment on the role of FIH in the inhibitory effect of bortezomib on hypoxia-inducible factor-1. <i>Blood</i> , 2008, 111, 5258-5259. | 1.4 | 5 |
| 25 | The role of extracellular signal-regulated protein kinase in transcriptional regulation of the hypoxia marker carbonic anhydrase IX. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 207-216. | 2.6 | 25 |
| 26 | Proteasomal Inhibition Attenuates Transcriptional Activity of Hypoxia-Inducible Factor 1 (HIF-1) via Specific Effect on the HIF-1 C-Terminal Activation Domain. <i>Molecular and Cellular Biology</i> , 2006, 26, 5895-5907. | 2.3 | 109 |
| 27 | High cell density induces expression from the carbonic anhydrase 9 promoter. <i>BioTechniques</i> , 2004, 36, 228-234. | 1.8 | 4 |
| 28 | DNA Damage Is a Prerequisite for p53-Mediated Proteasomal Degradation of HIF-1 in Hypoxic Cells and Downregulation of the Hypoxia Marker Carbonic Anhydrase IX. <i>Molecular and Cellular Biology</i> , 2004, 24, 5757-5766. | 2.3 | 84 |
| 29 | Biodistribution and pharmacokinetics of ¹²⁵ I-labeled monoclonal antibody M75 specific for carbonic anhydrase IX, an intrinsic marker of hypoxia, in nude mice xenografted with human colorectal carcinoma. <i>International Journal of Cancer</i> , 2003, 105, 873-881. | 5.1 | 89 |
| 30 | Genetic Interaction between Distinct Dobrava Hantavirus Subtypes in <i>Apodemus agrarius</i> and <i>A. flavicollis</i> in Nature. <i>Journal of Virology</i> , 2003, 77, 804-809. | 3.4 | 74 |
| 31 | Expression of the hypoxia marker carbonic anhydrase IX is critically dependent on SP1 activity. Identification of a novel type of hypoxia-responsive enhancer. <i>Cancer Research</i> , 2003, 63, 917-22. | 0.9 | 57 |
| 32 | Lowered oxygen tension induces expression of the hypoxia marker MN/carbonic anhydrase IX in the absence of hypoxia-inducible factor 1 alpha stabilization: a role for phosphatidylinositol 3'-kinase. <i>Cancer Research</i> , 2002, 62, 4469-77. | 0.9 | 118 |
| 33 | Characterization of the MN/CA 9 promoter proximal region: a role for specificity protein (SP) and activator protein 1 (AP1) factors. <i>Biochemical Journal</i> , 2001, 359, 669. | 3.7 | 25 |
| 34 | Characterization of the MN/CA 9 promoter proximal region: a role for specificity protein (SP) and activator protein 1 (AP1) factors. <i>Biochemical Journal</i> , 2001, 359, 669-677. | 3.7 | 34 |
| 35 | Block-replacement mutagenesis for functional dissection of multiple transcription factor complexes. <i>New Biotechnology</i> , 2001, 18, 9-11. | 2.7 | 0 |
| 36 | P53 tumour suppressor modulates transcription of the TATA-less gene coding for the tumour-associated carbonic anhydrase MN/CA IX in MaTu cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1491, 20-26. | 2.4 | 15 |

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|----|--|------|-----------|
| 37 | Acute Effects of Interferon on Estrogen Receptor Function Do Not Involve the Extracellular Signal-Regulated Kinases p42mapk and p44mapk. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 225-234. | 1.2 | 0 |
| 38 | Inverse PCR-Generated Internally Deleted Constructs for Direct Characterization of Promoter Regulatory Regions. <i>BioTechniques</i> , 1999, 26, 446-450. | 1.8 | 8 |
| 39 | Transcriptional Regulation of the MN/CA 9 Gene Coding for the Tumor-associated Carbonic Anhydrase IX. <i>Journal of Biological Chemistry</i> , 1999, 274, 32588-32595. | 3.4 | 42 |
| 40 | Identification of MaTu-MX Agent as a New Strain of Lymphocytic Choriomeningitis Virus (LCMV) and Serological Indication of Horizontal Spread of LCMV in Human Population. <i>Virology</i> , 1999, 257, 73-83. | 2.4 | 24 |
| 41 | Modified gel electrophoresis loading buffer indicating addition of DNA samples. <i>Technical Tips Online</i> , 1998, 3, 108. | 0.2 | 0 |
| 42 | Sequence variability in the A/B region of the estrogen receptor. <i>Animal Biotechnology</i> , 1997, 8, 221-226. | 1.5 | 3 |
| 43 | Sequencing analysis of prion genes from red deer and camel. <i>Gene</i> , 1997, 199, 283-286. | 2.2 | 20 |
| 44 | Heterogeneity in the third intracytoplasmic region of the oxytocin receptor-encoding gene. <i>Gene</i> , 1996, 172, 313-314. | 2.2 | 4 |
| 45 | Rapid PCR-mediated bidirectional deletions. <i>Trends in Genetics</i> , 1996, 12, 453-454. | 6.7 | 3 |
| 46 | Application of suppression PCR to the megaprimer method for site-directed mutagenesis. <i>Genetic Analysis, Techniques and Applications</i> , 1996, 13, 165-169. | 1.5 | 12 |
| 47 | Structure of an ovine interferon receptor and its expression in endometrium. <i>Journal of Molecular Endocrinology</i> , 1996, 17, 207-215. | 2.5 | 15 |
| 48 | Ligation-independent cloning of PCR products with primers containing nonbase residues. <i>Nucleic Acids Research</i> , 1994, 22, 4845-4845. | 14.5 | 12 |
| 49 | Assignment of the Human Pulmonary Surfactant Protein D Gene (SFTP4) to 10q22-q23 Close to the Surfactant Protein A Gene Cluster. <i>Genomics</i> , 1993, 17, 294-298. | 2.9 | 60 |
| 50 | Directional cloning of PCR products using exonuclease III. <i>Nucleic Acids Research</i> , 1992, 20, 4369-4370. | 14.5 | 36 |
| 51 | Molecular cloning of the cDNA coding for properdin, a positive regulator of the alternative pathway of human complement. <i>European Journal of Immunology</i> , 1991, 21, 771-776. | 2.9 | 60 |
| 52 | A novel rapid method for detection of PCR products. <i>Nucleic Acids Research</i> , 1991, 19, 4012-4012. | 14.5 | 3 |