Kasper M A Rouschop

List of Publications by Year
in descending order

61 papers	12,134 citations	136950 32 h-index	123424 61 g-index
61 all docs	61 docs citations	61 times ranked	25024 citing authors

#	Article	IF	Citations
1	ATG12 deficiency results in intracellular glutamine depletion, abrogation of tumor hypoxia and a favorable prognosis in cancer. Autophagy, 2022, 18, 1898-1914.	9.1	11
2	Chloroquine combined with concurrent radiotherapy and temozolomide for newly diagnosed glioblastoma: a phase IB trial. Autophagy, 2021, 17, 2604-2612.	9.1	59
3	Loss of enteric neuronal <i>Ndrg4</i> promotes colorectal cancer via increased release of Nid1 and Fbln2. EMBO Reports, 2021, 22, e51913.	4.5	14
4	Mild intermittent hypoxia exposure induces metabolic and molecular adaptations in men with obesity. Molecular Metabolism, 2021, 53, 101287.	6.5	8
5	Secretion of proâ€angiogenic extracellular vesicles during hypoxia is dependent on the autophagyâ€related protein GABARAPL1. Journal of Extracellular Vesicles, 2021, 10, e12166.	12.2	14
6	Identification of Potential Prognostic and Predictive Immunological Biomarkers in Patients with Stage I and Stage III Non-Small Cell Lung Cancer (NSCLC): A Prospective Exploratory Study. Cancers, 2021, 13, 6259.	3.7	17
7	Tumors Responsive to Autophagy-Inhibition: Identification and Biomarkers. Cancers, 2020, 12, 2463.	3.7	4
8	Iron deficiencyâ€induced loss of skeletal muscle mitochondrial proteins and respiratory capacity; the role of mitophagy and secretion of mitochondriaâ€containing vesicles. FASEB Journal, 2020, 34, 6703-6717.	0.5	27
9	The anti-malarial drug chloroquine sensitizes oncogenic NOTCH1 driven human T-ALL to Î³-secretase inhibition. Oncogene, 2019, 38, 5457-5468.	5.9	25
10	Extracellular Vesicles as Transmitters of Hypoxia Tolerance in Solid Cancers. Cancers, 2019, 11, 154.	3.7	46
11	Learning radiation oncology in Europe: Results of the ESTRO multidisciplinary survey. Clinical and Translational Radiation Oncology, 2018, 9, 61-67.	1.7	26
12	EGFRvIII expression triggers a metabolic dependency and therapeutic vulnerability sensitive to autophagy inhibition. Autophagy, 2018, 14, 283-295.	9.1	38
13	Hypoxia leads to significant changes in alternative splicing and elevated expression of CLK splice factor kinases in PC3 prostate cancer cells. BMC Cancer, 2018, 18, 355.	2.6	64
14	Differences in Upper and Lower Body Adipose Tissue Oxygen Tension Contribute to the Adipose Tissue Phenotype in Humans. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3688-3697.	3.6	15
15	Distinct radiation responses after in vitro mtDNA depletion are potentially related to oxidative stress. PLoS ONE, 2017, 12, e0182508.	2.5	23
16	Autophagy-Dependent Secretion: Contribution to Tumor Progression. Frontiers in Oncology, 2016, 6, 251.	2.8	40
17	LC3/GABARAP family proteins: autophagyâ€(un)related functions. FASEB Journal, 2016, 30, 3961-3978.	0.5	471
18	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701

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19	GABARAPL1 is required for increased EGFR membrane expression during hypoxia. Radiotherapy and Oncology, 2015, 116, 417-422.	0.6	28
20	Canonical autophagy does not contribute to cellular radioresistance. Radiotherapy and Oncology, 2015, 114, 406-412.	0.6	21
21	Optimal selection of natural killer cells to kill myeloma: the role of HLA-E and NKG2A. Cancer Immunology, Immunotherapy, 2015, 64, 951-963.	4.2	47
22	High dose rate and flattening filter free irradiation can be safely implemented in clinical practice. International Journal of Radiation Biology, 2015, 91, 778-785.	1.8	12
23	Targeting tumour hypoxia to prevent cancer metastasis. From biology, biosensing and technology to drug development: the METOXIA consortium. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 689-721.	5.2	93
24	Opposite role of CD44-standard and CD44-variant-3 in tubular injury and development of renal fibrosis during chronic obstructive nephropathy. Kidney International, 2014, 86, 558-569.	5.2	14
25	EGFR signaling and autophagy dependence for growth, survival, and therapy resistance. Cell Cycle, 2014, 13, 42-51.	2.6	97
26	The autophagy associated gene, ULK1, promotes tolerance to chronic and acute hypoxia. Radiotherapy and Oncology, 2013, 108, 529-534.	0.6	44
27	EGFR overexpressing cells and tumors are dependent on autophagy for growth and survival. Radiotherapy and Oncology, 2013, 108, 479-483.	0.6	38
28	Hypoxia inducible NOD2 interacts with 3-O-sulfogalactoceramide and regulates vesicular homeostasis. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 5277-5286.	2.4	10
29	CD44v3-v10 reduces the profibrotic effects of TGF-Î²1 and attenuates tubular injury in the early stage of chronic obstructive nephropathy. American Journal of Physiology - Renal Physiology, 2013, 305, F1445-F1454.	2.7	9
30	Hypoxic Activation of the PERK/eIF2Î± Arm of the Unfolded Protein Response Promotes Metastasis through Induction of LAMP3. Clinical Cancer Research, 2013, 19, 6126-6137.	7.0	105
31	PERK/eIF2Î± signaling protects therapy resistant hypoxic cells through induction of glutathione synthesis and protection against ROS. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4622-4627.	7.1	193
32	Hypoxia Induced Impairment of NK Cell Cytotoxicity against Multiple Myeloma Can Be Overcome by IL-2 Activation of the NK Cells. PLoS ONE, 2013, 8, e64835.	2.5	128
33	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
34	Level of Activation of the Unfolded Protein Response Correlates With Paneth Cell Apoptosis in Human Small Intestine Exposed to Ischemia/Reperfusion. Gastroenterology, 2011, 140, 529-539.e3.	1.3	114
35	Tribbles homolog 3 denotes a poor prognosis in breast cancer and is involved in hypoxia response. Breast Cancer Research, 2011, 13, R82.	5.0	74
36	Deregulation of cap-dependent mRNA translation increases tumour radiosensitivity through reduction of the hypoxic fraction. Radiotherapy and Oncology, 2011, 99, 385-391.	0.6	21

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37	Synchronised phosphorylation of BNIP3, Bcl-2 and Bcl-xL in response to microtubule-active drugs is JNK-independent and requires a mitotic kinase. Biochemical Pharmacology, 2010, 79, 1562-1572.	4.4	18
38	The unfolded protein response protects human tumor cells during hypoxia through regulation of the autophagy genes MAP1LC3B and ATG5. Journal of Clinical Investigation, 2010, 120, 127-141.	8.2	675
39	Small-Molecule Activation of p53 Blocks Hypoxia-Inducible Factor 1Î± and Vascular Endothelial Growth Factor Expression In Vivo and Leads to Tumor Cell Apoptosis in Normoxia and Hypoxia. Molecular and Cellular Biology, 2009, 29, 2243-2253.	2.3	89
40	Hypoxia-induced Expression of Carbonic Anhydrase 9 Is Dependent on the Unfolded Protein Response. Journal of Biological Chemistry, 2009, 284, 24204-24212.	3.4	57
41	The deletion mutant EGFRvIII significantly contributes to stress resistance typical for the tumour microenvironment. Radiotherapy and Oncology, 2009, 92, 399-404.	0.6	23
42	Deficient carbonic anhydrase 9 expression in UPR-impaired cells is associated with reduced survival in an acidic microenvironment. Radiotherapy and Oncology, 2009, 92, 437-442.	0.6	23
43	Autophagy is required during cycling hypoxia to lower production of reactive oxygen species. Radiotherapy and Oncology, 2009, 92, 411-416.	0.6	130
44	Hypoxic activation of the unfolded protein response (UPR) induces expression of the metastasis-associated gene LAMP3. Radiotherapy and Oncology, 2009, 92, 450-459.	0.6	86
45	Regulation of Autophagy Through Multiple Independent Hypoxic Signaling Pathways. Current Molecular Medicine, 2009, 9, 417-424.	1.3	101
46	Ischemiaâ€"reperfusion treatment: opportunities point to modulation of the inflammatory response. Kidney International, 2008, 73, 1333-1335.	5.2	9
47	Endogenous tissue-type plasminogen activator is protective during ascending urinary tract infection. Nephrology Dialysis Transplantation, 2008, 24, 801-808.	0.7	8
48	Proteomic analysis of gene expression following hypoxia and reoxygenation reveals proteins involved in the recovery from endoplasmic reticulum and oxidative stress. Radiotherapy and Oncology, 2007, 83, 340-345.	0.6	21
49	Phosphorylation of eIF2Î± is required for mRNA translation inhibition and survival during moderate hypoxia. Radiotherapy and Oncology, 2007, 83, 353-361.	0.6	54
50	Impact of supervised gene signatures of early hypoxia on patient survival. Radiotherapy and Oncology, 2007, 83, 374-382.	0.6	80
51	Urothelial CD44 FacilitatesEscherichia coliInfection of the Murine Urinary Tract. Journal of Immunology, 2006, 177, 7225-7232.	0.8	44
52	Renal expression of CD44 correlates with acute renal allograft rejection. Kidney International, 2006, 70, 1127-1134.	5.2	26
53	The urokinase plasminogen activator receptor is crucially involved in host defense during acute pyelonephritis. Kidney International, 2006, 70, 1942-1947.	5.2	25
54	Tissue-Type Plasminogen Activator Modulates Inflammatory Responses and Renal Function in Ischemia Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2006, 17, 131-140.	6.1	80

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55	CD44 Disruption Prevents Degeneration of the Capillary Network in Obstructive Nephropathy via Reduction of TGF-Î²1â€"Induced Apoptosis. Journal of the American Society of Nephrology: JASN, 2006, 17, 746-753.	6.1	36
56	Protection against Renal Ischemia Reperfusion Injury by CD44 Disruption. Journal of the American Society of Nephrology: JASN, 2005, 16, 2034-2043.	6.1	119
57	Pre-transplant plasma and cellular levels of CD44 correlate with acute renal allograft rejection. Nephrology Dialysis Transplantation, 2005, 20, 2248-2254.	0.7	15
58	Renal-associated TLR2 mediates ischemia/reperfusion injury in the kidney. Journal of Clinical Investigation, 2005, 115, 2894-2903.	8.2	496
59	CD44 Deficiency Increases Tubular Damage But Reduces Renal Fibrosis in Obstructive Nephropathy. Journal of the American Society of Nephrology: JASN, 2004, 15, 674-686.	6.1	103
60	Reciprocal functions of hepatocyte growth factor and transforming growth factor-Î²1 in the progression of renal diseases: A role for CD44?. Kidney International, 2003, 64, S15-S20.	5.2	24
61	Distinct Intracellular Signaling in Tumor Necrosis Factor-related Apoptosis-inducing Ligand- and CD95 Ligand-mediated Apoptosis. Journal of Biological Chemistry, 2002, 277, 24631-24637.	3.4	19