Roger Gomis

List of Publications by Year
in descending order

67 papers	7,651 citations	101496 36 h-index	102432 66 g-index
70 all docs	70 docs citations	70 times ranked	13536 citing authors

#	Article	IF	Citations
1	Genes that mediate breast cancer metastasis to the brain. Nature, 2009, 459, 1005-1009.	13.7	1,587
2	TGFÎ² Primes Breast Tumors for Lung Metastasis Seeding through Angiopoietin-like 4. Cell, 2008, 133, 66-77.	13.5	852
3	The logic of TGFÎ² signaling. FEBS Letters, 2006, 580, 2811-2820.	1.3	657
4	Mediators of vascular remodelling co-opted for sequential steps in lung metastasis. Nature, 2007, 446, 765-770.	13.7	629
5	Epithelial-mesenchymal transition can suppress major attributes of human epithelial tumor-initiating cells. Journal of Clinical Investigation, 2012, 122, 1849-1868.	3.9	401
6	TGF-Î² Family Signaling in Tumor Suppression and Cancer Progression. Cold Spring Harbor Perspectives in Biology, 2017, 9, a022277.	2.3	345
7	C/EBPÎ² at the core of the TGFÎ² cytostatic response and its evasion in metastatic breast cancer cells. Cancer Cell, 2006, 10, 203-214.	7.7	259
8	A FoxO-Smad synexpression group in human keratinocytes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12747-12752.	3.3	221
9	Control of glycogen deposition. FEBS Letters, 2003, 546, 127-132.	1.3	179
10	The metabolic co-regulator PGC1Î± suppresses prostate cancer metastasis. Nature Cell Biology, 2016, 18, 645-656.	4.6	176
11	Intrinsic Subtypes and Gene Expression Profiles in Primary and Metastatic Breast Cancer. Cancer Research, 2017, 77, 2213-2221.	0.4	168
12	Tumor cell dormancy. Molecular Oncology, 2017, 11, 62-78.	2.1	129
13	Colon cancer cells colonize the lung from established liver metastases through p38 MAPK signalling andÂPTHLH. Nature Cell Biology, 2014, 16, 685-694.	4.6	117
14	Tungstate is an effective antidiabetic agent in streptozotocin-induced diabetic rats: a long-term study. Diabetologia, 2001, 44, 507-513.	2.9	99
15	MSK1 regulates luminal cell differentiation and metastatic dormancy in ER+ breast cancer. Nature Cell Biology, 2018, 20, 211-221.	4.6	98
16	Enhanced MAF Oncogene Expression and Breast Cancer Bone Metastasis. Journal of the National Cancer Institute, 2015, 107, djv256.	3.0	90
17	Clinical implications of the non-luminal intrinsic subtypes in hormone receptor-positive breast cancer. Cancer Treatment Reviews, 2018, 67, 63-70.	3.4	79
18	Tumour stroma-derived lipocalin-2 promotes breast cancer metastasis. Journal of Pathology, 2016, 239, 274-285.	2.1	78

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19	Constitutive HER2 Signaling Promotes Breast Cancer Metastasis through Cellular Senescence. Cancer Research, 2013, 73, 450-458.	0.4	76
20	CANCERTOOL: A Visualization and Representation Interface to Exploit Cancer Datasets. Cancer Research, 2018, 78, 6320-6328.	0.4	76
21	Benefits and risks of adjuvant treatment with zoledronic acid in stage II/III breast cancer. 10 years follow-up of the AZURE randomized clinical trial (BIG 01/04). Journal of Bone Oncology, 2018, 13, 123-135.	1.0	70
22	Targeting p38Î± Increases DNA Damage, Chromosome Instability, and the Anti-tumoral Response to Taxanes in Breast Cancer Cells. Cancer Cell, 2018, 33, 1094-1110.e8.	7.7	70
23	Phenotypic changes of HER2-positive breast cancer during and after dual HER2 blockade. Nature Communications, 2020, 11, 385.	5.8	67
24	MiniApâ€4: A Venomâ€inspired Peptidomimetic for Brain Delivery. Angewandte Chemie - International Edition, 2016, 55, 572-575.	7.2	66
25	<scp>RARRES</scp>3 suppresses breast cancer lung metastasis by regulating adhesion and differentiation. EMBO Molecular Medicine, 2014, 6, 865-881.	3.3	65
26	The anti-metastatic activity of collagenase-2 in breast cancer cells is mediated by a signaling pathway involving decorin and miR-21. Oncogene, 2014, 33, 3054-3063.	2.6	64
27	Identification of Two Essential Glutamic Acid Residues in Glycogen Synthase. Journal of Biological Chemistry, 2000, 275, 33614-33621.	1.6	63
28	Accurate Expression Profiling of Very Small Cell Populations. PLoS ONE, 2010, 5, e14418.	1.1	60
29	Identification of NOG as a Specific Breast Cancer Bone Metastasis-supporting Gene. Journal of Biological Chemistry, 2012, 287, 21346-21355.	1.6	56
30	Understanding the molecular mechanisms driving metastasis. Molecular Oncology, 2017, 11, 3-4.	2.1	52
31	FoxA and LIPG endothelial lipase control the uptake of extracellular lipids for breast cancer growth. Nature Communications, 2016, 7, 11199.	5.8	50
32	Stratification and therapeutic potential of PML in metastatic breast cancer. Nature Communications, 2016, 7, 12595.	5.8	45
33	Effect of MAF amplification on treatment outcomes with adjuvant zoledronic acid in early breast cancer: a secondary analysis of the international, open-label, randomised, controlled, phase 3 AZURE (BIG 01/04) trial. Lancet Oncology, The, 2017, 18, 1543-1552.	5.1	45
34	From latency to overt bone metastasis in breast cancer: potential for treatment and prevention. Journal of Pathology, 2019, 249, 6-18.	2.1	45
35	HER2 Silences Tumor Suppression in Breast Cancer Cells by Switching Expression of C/EBPÎ² Isoforms. Cancer Research, 2010, 70, 9927-9936.	0.4	44
36	Shared control of hepatic glycogen synthesis by glycogen synthase and glucokinase. Biochemical Journal, 2000, 351, 811-816.	1.7	39

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37	Glucose 6-Phosphate Produced by Gluconeogenesis and by Glucokinase Is Equally Effective in Activating Hepatic Glycogen Synthase. Journal of Biological Chemistry, 2003, 278, 9740-9746.	1.6	37
38	ERK1/2 Signaling Induces Upregulation of ANGPT2 and CXCR4 to Mediate Liver Metastasis in Colon Cancer. Cancer Research, 2020, 80, 4668-4680.	0.4	35
39	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. Oncogene, 2017, 36, 2737-2749.	2.6	34
40	Inhibition of Specific NF-ÎºB Activity Contributes to the Tumor Suppressor Function of 14-3-3Ïƒ in Breast Cancer. PLoS ONE, 2012, 7, e38347.	1.1	25
41	Regulation of death receptor signaling by the autophagy protein <scp>TP</scp> 53 <scp>INP</scp> 2. EMBO Journal, 2019, 38, .	3.5	24
42	Liver Glycogen Synthase but Not the Muscle Isoform Differentiates between Glucose 6-Phosphate Produced by Glucokinase or Hexokinase. Journal of Biological Chemistry, 2002, 277, 23246-23252.	1.6	22
43	MAPK signaling control of colon cancer metastasis. Cell Cycle, 2014, 13, 2641-2642.	1.3	21
44	EPCR promotes breast cancer progression by altering SPOCK1/testican 1-mediated 3D growth. Journal of Hematology and Oncology, 2017, 10, 23.	6.9	21
45	LCOR mediates interferon-independent tumor immunogenicity and responsiveness to immune-checkpoint blockade in triple-negative breast cancer. Nature Cancer, 2022, 3, 355-370.	5.7	21
46	Cyclooxygenaseâ€2 inhibitor suppresses tumour progression of prostate cancer bone metastases in nude mice. BJU International, 2014, 113, E164-77.	1.3	20
47	Genetic manipulation of LKB1 elicits lethal metastatic prostate cancer. Journal of Experimental Medicine, 2020, 217, .	4.2	19
48	<scp>CLK</scp> 2 blockade modulates alternative splicing compromising <scp>MYC</scp> â€driven breast tumors. EMBO Molecular Medicine, 2018, 10, .	3.3	18
49	Ecology and evolution of dormant metastasis. Trends in Cancer, 2022, 8, 570-582.	3.8	17
50	PD-L1 controls cancer pyroptosis. Nature Cell Biology, 2020, 22, 1157-1159.	4.6	14
51	The RNA binding protein CPEB2 regulates hormone sensing in mammary gland development and luminal breast cancer. Science Advances, 2020, 6, eaax3868.	4.7	14
52	Cysteine and Folate Metabolism Are Targetable Vulnerabilities of Metastatic Colorectal Cancer. Cancers, 2021, 13, 425.	1.7	14
53	Shared control of hepatic glycogen synthesis by glycogen synthase and glucokinase. Biochemical Journal, 2000, 351, 811.	1.7	13
54	Tumor-stroma interactions a trademark for metastasis. Breast, 2011, 20, S50-S55.	0.9	13

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55	Regulation of Mammary Luminal Cell Fate and Tumorigenesis by p38Î±. Stem Cell Reports, 2018, 10, 257-271.	2.3	13
56	Loss of microRNA-135b Enhances Bone Metastasis in Prostate Cancer and Predicts Aggressiveness in Human Prostate Samples. Cancers, 2021, 13, 6202.	1.7	8
57	MAF Amplification and Adjuvant Clodronate Outcomes in Early-Stage Breast Cancer in NSABP B-34 and Potential Impact on Clinical Practice. JNCI Cancer Spectrum, 2021, 5, pkab054.	1.4	7
58	Bridging the gap in biochemistry between secondary school and university. Biochemistry and Molecular Biology Education, 2002, 30, 172-174.	0.5	4
59	Organ-specific metastases. Nature Biomedical Engineering, 2018, 2, 347-348.	11.6	4
60	Paraspeckle factor turns TGF-Î²1 pro-metastatic. Nature Cell Biology, 2018, 20, 367-369.	4.6	3
61	Survival skills ensure that cancer spreads. Nature, 2019, 573, 353-354.	13.7	3
62	In Vivo Assessment of Metastatic Cell Potential in Prostate Cancer. Methods in Molecular Biology, 2021, 2294, 253-267.	0.4	2
63	Expression of a green fluorescence protein-carrier protein into mouse spermatozoa. Biochemical and Biophysical Research Communications, 2002, 297, 841-846.	1.0	1
64	Mammary Cancer Stem Cells Reinitiation Assessment at the Metastatic Niche: The Lung and Bone. Methods in Molecular Biology, 2015, 1293, 221-229.	0.4	1
65	Can we predict and prevent specific sites of metastases in breast cancer patients?. Breast Cancer Management, 2016, 5, 43-46.	0.2	1
66	A biochemistry and molecular biology course for secondary school teachers. Biochemistry and Molecular Biology Education, 2004, 32, 378-380.	0.5	0
67	Tissue-specific metastases. Breast, 2011, 20, S13-S14.	0.9	0