

# Colin Nixon

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,211  
citations

394421

19  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3995  
citing authors

#	ARTICLE	IF	CITATIONS
1	p53-mediated redox control promotes liver regeneration and maintains liver function in response to CCl4. <i>Cell Death and Differentiation</i> , 2022, 29, 514-526.	11.2	13
2	THM6-mediated reprogramming of lipid metabolism supports treatment resistance in prostate cancer. <i>EMBO Molecular Medicine</i> , 2022, 14, e14764.	6.9	12
3	Proline synthesis through PYCR1 is required to support cancer cell proliferation and survival in oxygen-limiting conditions. <i>Cell Reports</i> , 2022, 38, 110320.	6.4	23
4	A noninvasive iRFP713 p53 reporter reveals dynamic p53 activity in response to irradiation and liver regeneration in vivo. <i>Science Signaling</i> , 2022, 15, eabd9099.	3.6	4
5	Increased apoptotic sensitivity of glioblastoma enables therapeutic targeting by BH3-mimetics. <i>Cell Death and Differentiation</i> , 2022, 29, 2089-2104.	11.2	10
6	Glycan degradation promotes macroautophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	6
7	The RAC1 Target NCKAP1 Plays a Crucial Role in the Progression of BraF;Pten-Driven Melanoma in Mice. <i>Journal of Investigative Dermatology</i> , 2021, 141, 628-637.e15.	0.7	8
8	Loss of autophagy affects melanoma development in a manner dependent on PTEN status. <i>Cell Death and Differentiation</i> , 2021, 28, 1437-1439.	11.2	10
9	RAC1B modulates intestinal tumorigenesis via modulation of WNT and EGFR signalling pathways. <i>Nature Communications</i> , 2021, 12, 2335.	12.8	20
10	SLFN5 Regulates LAT1-Mediated mTOR Activation in Castration-Resistant Prostate Cancer. <i>Cancer Research</i> , 2021, 81, 3664-3678.	0.9	19
11	Autophagy suppresses the formation of hepatocyte-derived cancer-initiating ductular progenitor cells in the liver. <i>Science Advances</i> , 2021, 7, .	10.3	24
12	Oncogenic BRAF, unrestrained by TGF $\beta$ 2-receptor signalling, drives right-sided colonic tumorigenesis. <i>Nature Communications</i> , 2021, 12, 3464.	12.8	33
13	Notch-IGF1 signaling during liver regeneration drives biliary epithelial cell expansion and inhibits hepatocyte differentiation. <i>Science Signaling</i> , 2021, 14, .	3.6	17
14	NOTUM from Apc-mutant cells biases clonal competition to initiate cancer. <i>Nature</i> , 2021, 594, 430-435.	27.8	122
15	ULK1 inhibition promotes oxidative stress-induced differentiation and sensitizes leukemic stem cells to targeted therapy. <i>Science Translational Medicine</i> , 2021, 13, eabd5016.	12.4	26
16	Specificity and off-target effects of AAV8-TBG viral vectors for the manipulation of hepatocellular gene expression in mice. <i>Biology Open</i> , 2021, 10, .	1.2	26
17	The amino acid transporter SLC7A5 is required for efficient growth of KRAS-mutant colorectal cancer. <i>Nature Genetics</i> , 2021, 53, 16-26.	21.4	114
18	A RAC-GEF network critical for early intestinal tumorigenesis. <i>Nature Communications</i> , 2021, 12, 56.	12.8	11

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19	Differential requirements for MDM2 E3 activity during embryogenesis and in adult mice. <i>Genes and Development</i> , 2021, 35, 117-132.	5.9	6
20	Targeting the Metabolic Response to Statin-Mediated Oxidative Stress Produces a Synergistic Antitumor Response. <i>Cancer Research</i> , 2020, 80, 175-188.	0.9	83
21	Quantitative in vivo bioluminescence imaging of orthotopic patient-derived glioblastoma xenografts. <i>Scientific Reports</i> , 2020, 10, 15361.	3.3	10
22	c-Rel orchestrates energy-dependent epithelial and macrophage reprogramming in fibrosis. <i>Nature Metabolism</i> , 2020, 2, 1350-1367.	11.9	16
23	Microfilaria-dependent thoracic pathology associated with eosinophilic and fibrotic polyps in filaria-infected rodents. <i>Parasites and Vectors</i> , 2020, 13, 551.	2.5	11
24	2,4-dienoyl-CoA reductase regulates lipid homeostasis in treatment-resistant prostate cancer. <i>Nature Communications</i> , 2020, 11, 2508.	12.8	108
25	Repression of the Type I Interferon Pathway Underlies MYC- and KRAS-Dependent Evasion of NK and B Cells in Pancreatic Ductal Adenocarcinoma. <i>Cancer Discovery</i> , 2020, 10, 872-887.	9.4	102
26	Mitochondria-to-nucleus retrograde signaling drives formation of cytoplasmic chromatin and inflammation in senescence. <i>Genes and Development</i> , 2020, 34, 428-445.	5.9	188
27	Epithelial NOTCH Signaling Rewires the Tumor Microenvironment of Colorectal Cancer to Drive Poor-Prognosis Subtypes and Metastasis. <i>Cancer Cell</i> , 2019, 36, 319-336.e7.	16.8	278
28	Loss of BCL9/9l suppresses Wnt driven tumourigenesis in models that recapitulate human cancer. <i>Nature Communications</i> , 2019, 10, 723.	12.8	64
29	Improving the metabolic fidelity of cancer models with a physiological cell culture medium. <i>Science Advances</i> , 2019, 5, eaau7314.	10.3	249
30	Wnt ligands influence tumour initiation by controlling the number of intestinal stem cells. <i>Nature Communications</i> , 2018, 9, 1132.	12.8	63
31	TGF $\beta$ 2 inhibition restores a regenerative response in acute liver injury by suppressing paracrine senescence. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	161
32	The ERBB network facilitates KRAS-driven lung tumorigenesis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	82
33	TGF $\beta$ 2 pathway limits dedifferentiation following WNT and MAPK pathway activation to suppress intestinal tumourigenesis. <i>Cell Death and Differentiation</i> , 2017, 24, 1681-1693.	11.2	48
34	Opposing effects of TIGAR- and RAC1-derived ROS on Wnt-driven proliferation in the mouse intestine. <i>Genes and Development</i> , 2016, 30, 52-63.	5.9	87
35	TIGAR Is Required for Efficient Intestinal Regeneration and Tumorigenesis. <i>Developmental Cell</i> , 2013, 25, 463-477.	7.0	154