

# Robert-Alain Toillon

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,449  
citations

201674

27  
h-index

214800

47  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4049  
citing authors

#	ARTICLE	IF	CITATIONS
1	p53 and breast cancer, an update. <i>Endocrine-Related Cancer</i> , 2006, 13, 293-325.	3.1	300
2	Nerve Growth Factor Stimulates Proliferation and Survival of Human Breast Cancer Cells through Two Distinct Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2001, 276, 17864-17870.	3.4	200
3	TrkA overexpression enhances growth and metastasis of breast cancer cells. <i>Oncogene</i> , 2009, 28, 1960-1970.	5.9	176
4	NF- $\kappa$ B modulation and ionizing radiation: mechanisms and future directions for cancer treatment. <i>Cancer Letters</i> , 2006, 231, 158-168.	7.2	166
5	Radiation-enhanced cell migration/invasion process: A review. <i>Critical Reviews in Oncology/Hematology</i> , 2014, 92, 133-142.	4.4	140
6	Stable $\beta$ -galactosidase <sup>TM</sup> of breast tumors during progression: data from biology, pathology and genetics. <i>Endocrine-Related Cancer</i> , 2004, 11, 497-522.	3.1	119
7	( $\hat{\alpha}$ )-Epigallocatechin (EGC) of Green Tea Induces Apoptosis of Human Breast Cancer Cells But Not of their Normal Counterparts. <i>Breast Cancer Research and Treatment</i> , 2002, 76, 195-201.	2.5	114
8	P21WAF1/CIP1 is dispensable for G1 arrest, but indispensable for apoptosis induced by sodium butyrate in MCF-7 breast cancer cells. <i>Oncogene</i> , 2004, 23, 21-29.	5.9	90
9	Sodium butyrate induces P53-independent, Fas-mediated apoptosis in MCF-7 human breast cancer cells. <i>British Journal of Pharmacology</i> , 2002, 135, 79-86.	5.4	80
10	Ferroquine, the next generation antimalarial drug, has antitumor activity. <i>Scientific Reports</i> , 2017, 7, 15896.	3.3	72
11	Pro-nerve Growth Factor Induces Autocrine Stimulation of Breast Cancer Cell Invasion through Tropomyosin-related Kinase A (TrkA) and Sortilin Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 1923-1931.	3.4	69
12	A ferrocenyl derivative of hydroxytamoxifen elicits an estrogen receptor-independent mechanism of action in breast cancer cell lines. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 503-511.	3.5	68
13	Role of the proteasome in the regulation of estrogen receptor $\hat{\alpha}$ turnover and function in MCF-7 breast carcinoma cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 94, 347-359.	2.5	61
14	Neurotrophin signaling in cancer stem cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1859-1870.	5.4	55
15	Concurrent hormone and radiation therapy in patients with breast cancer: what is the rationale?. <i>Lancet Oncology</i> , The, 2009, 10, 53-60.	10.7	51
16	Mechanisms governing the accumulation of estrogen receptor alpha in MCF-7 breast cancer cells treated with hydroxytamoxifen and related antiestrogens. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 87, 207-221.	2.5	47
17	Tamoxifen and TRAIL synergistically induce apoptosis in breast cancer cells. <i>Oncogene</i> , 2008, 27, 1472-1477.	5.9	44
18	The in vivo performance of ferrocenyl tamoxifen lipid nanocapsules in xenografted triple negative breast cancer. <i>Biomaterials</i> , 2013, 34, 6949-6956.	11.4	43

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19	Normal breast epithelial cells induce p53-dependent apoptosis and p53-independent cell cycle arrest of breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2002, 71, 269-280.	2.5	42
20	Proteomics of Breast Cancer: The Quest for Markers and Therapeutic Targets. <i>Journal of Proteome Research</i> , 2008, 7, 1403-1411.	3.7	41
21	Silencing the Nucleocytoplasmic O-GlcNAc Transferase Reduces Proliferation, Adhesion, and Migration of Cancer and Fetal Human Colon Cell Lines. <i>Frontiers in Endocrinology</i> , 2016, 7, 46.	3.5	41
22	Inhibition of ectopic glioma tumor growth by a potent ferrocenyl drug loaded into stealth lipid nanocapsules. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1667-1677.	3.3	38
23	Normal Breast Epithelial Cells Induce Apoptosis of Breast Cancer Cells via Fas Signaling. <i>Experimental Cell Research</i> , 2002, 275, 31-43.	2.6	36
24	The histone lysine methyltransferase Ezh2 is required for maintenance of the intestine integrity and for caudal fin regeneration in zebrafish. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 1079-1093.	1.9	35
25	Differential recruitment of CD44 isoforms by ErbB ligands reveals an involvement of CD44 in breast cancer. <i>Oncogene</i> , 2018, 37, 1472-1484.	5.9	33
26	Effect of nuclear export inhibition on estrogen receptor regulation in breast cancer cells. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 105-118.	2.5	28
27	Proteomics Demonstration That Normal Breast Epithelial Cells Can Induce Apoptosis of Breast Cancer Cells through Insulin-like Growth Factor-binding Protein-3 and Maspin. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1239-1247.	3.8	27
28	NGF-induced TrkA/CD44 association is involved in tumor aggressiveness and resistance to lestaurtinib. <i>Oncotarget</i> , 2015, 6, 9807-9819.	1.8	27
29	ProNGF increases breast tumor aggressiveness through functional association of TrkA with EphA2. <i>Cancer Letters</i> , 2019, 449, 196-206.	7.2	25
30	Interaction Between Estrogen Receptor Alpha, Ionizing Radiation and (anti-) Estrogens in Breast Cancer Cells. <i>Breast Cancer Research and Treatment</i> , 2005, 93, 207-215.	2.5	21
31	Autocrine and paracrine growth inhibitors of breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2000, 60, 251-258.	2.5	17
32	Small Structural Differences between Two Ferrocenyl Diphenols Determine Large Discrepancies of Reactivity and Biological Effects. <i>ChemMedChem</i> , 2019, 14, 1717-1726.	3.2	17
33	Estrogens decrease $\gamma$ -ray-induced senescence and maintain cell cycle progression in breast cancer cells independently of p53. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 1187-1200.	0.8	16
34	Vimentin Promotes the Aggressiveness of Triple Negative Breast Cancer Cells Surviving Chemotherapeutic Treatment. <i>Cells</i> , 2021, 10, 1504.	4.1	14
35	Different clinical impact of estradiol receptor determination according to the analytical method: a study on 1940 breast cancer patients over a period of 16 consecutive years. <i>Breast Cancer Research and Treatment</i> , 2006, 95, 179-184.	2.5	13
36	Antiproliferative and apoptotic effects of the oxidative dimerization product of methyl caffeate on human breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 574-578.	2.2	12

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37	Orai3 silencing alters cell proliferation and promotes mitotic catastrophe and apoptosis in pancreatic adenocarcinoma. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119023.	4.1	10
38	Alterations in both Heparan Sulfate Proteoglycans and Mitogenic Activity of Fibroblast Growth Factor-2 Are Triggered by Inhibitors of Proliferation in Normal and Breast Cancer Epithelial Cells. <i>Experimental Cell Research</i> , 1998, 245, 239-244.	2.6	9
39	Co-targeting Mitochondrial Ca <sup>2+</sup> Homeostasis and Autophagy Enhances Cancer Cells' Chemosensitivity. <i>IScience</i> , 2020, 23, 101263.	4.1	8
40	Direct interaction of TrkA/CD44v3 is essential for NGF-promoted aggressiveness of breast cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 110.	8.6	7
41	Normal Breast Epithelial Cells Induce Apoptosis of MCF-7 Breast Cancer Cells through a p53-Mediated Pathway. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000, 3, 338-344.	1.6	6
42	TRPM8-Rap1A Interaction Sites as Critical Determinants for Adhesion and Migration of Prostate and Other Epithelial Cancer Cells. <i>Cancers</i> , 2022, 14, 2261.	3.7	6
43	Expression and Prognostic Significance of Neurotrophins and Their Receptors in Canine Mammary Tumors. <i>Veterinary Pathology</i> , 2020, 57, 507-519.	1.7	2
44	Loss of Polycomb Repressive Complex 2 Function Alters Digestive Organ Homeostasis and Neuronal Differentiation in Zebrafish. <i>Cells</i> , 2021, 10, 3142.	4.1	1
45	WhatsApp com between glioma stem cells and differentiated cells to sustain tumor growth. <i>Stem Cell Investigation</i> , 2018, 5, 28-28.	3.0	0