

Alain Chariot

List of Publications by Year in descending order

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85
papers

7,721
citations

66343

42
h-index

54911

84
g-index

90
all docs

90
docs citations

90
times ranked

12657
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylation of NF- κ B and I κ B proteins: implications in cancer and inflammation. Trends in Biochemical Sciences, 2005, 30, 43-52.	7.5	1,285
2	Elongator Controls the Migration and Differentiation of Cortical Neurons through Acetylation of α -Tubulin. Cell, 2009, 136, 551-564.	28.9	688
3	NF- κ B transcription factor induces drug resistance through MDR1 expression in cancer cells. Oncogene, 2003, 22, 90-97.	5.9	411
4	TLR-4, IL-1R and TNF-R signaling to NF- κ B: variations on a common theme. Cellular and Molecular Life Sciences, 2008, 65, 2964-2978.	5.4	369
5	Are the IKKs and IKK-related kinases TBK1 and IKK- ϵ similarly activated?. Trends in Biochemical Sciences, 2008, 33, 171-180.	7.5	202
6	Transcription Impairment and Cell Migration Defects in Elongator-Depleted Cells: Implication for Familial Dysautonomia. Molecular Cell, 2006, 22, 521-531.	9.7	191
7	EGFR and NF- κ B: partners in cancer. Trends in Molecular Medicine, 2015, 21, 385-393.	6.7	180
8	Codon-specific translation reprogramming promotes resistance to targeted therapy. Nature, 2018, 558, 605-609.	27.8	177
9	A Dynamic Unfolded Protein Response Contributes to the Control of Cortical Neurogenesis. Developmental Cell, 2015, 35, 553-567.	7.0	169
10	The NF- κ B-independent functions of IKK subunits in immunity and cancer. Trends in Cell Biology, 2009, 19, 404-413.	7.9	161
11	NF- κ B, stem cells and breast cancer: the links get stronger. Breast Cancer Research, 2011, 13, 214.	5.0	159
12	CIKS, a connection to I κ B kinase and stress-activated protein kinase. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 10494-10499.	7.1	153
13	NF- κ B2/p100 induces Bcl-2 expression. Leukemia, 2003, 17, 1349-1356.	7.2	153
14	Association of the Adaptor TANK with the I κ B Kinase (IKK) Regulator NEMO Connects IKK Complexes with IKK μ and TBK1 Kinases. Journal of Biological Chemistry, 2002, 277, 37029-37036.	3.4	149
15	The Adaptor Protein CIKS/Act1 Is Essential for IL-25-Mediated Allergic Airway Inflammation. Journal of Immunology, 2009, 182, 1617-1630.	0.8	142
16	Molecular Mechanisms Involved in Schwann Cell Plasticity. Frontiers in Molecular Neuroscience, 2017, 10, 38.	2.9	142
17	Induction of nuclear factor- κ B and its downstream genes by TNF- α and IL-1 β has a pro-apoptotic role in pancreatic beta cells. Diabetologia, 2008, 51, 1213-1225.	6.3	136
18	Elp3 links tRNA modification to IRES-dependent translation of LEF1 to sustain metastasis in breast cancer. Journal of Experimental Medicine, 2016, 213, 2503-2523.	8.5	128

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19	Synergistic Activation of Human Immunodeficiency Virus Type 1 Promoter Activity by NF- κ B and Inhibitors of Deacetylases: Potential Perspectives for the Development of Therapeutic Strategies. <i>Journal of Virology</i> , 2002, 76, 11091-11103.	3.4	121
20	GSK3-Mediated BCL-3 Phosphorylation Modulates Its Degradation and Its Oncogenicity. <i>Molecular Cell</i> , 2004, 16, 35-45.	9.7	119
21	NF- κ B-induced KIAA1199 promotes survival through EGFR signalling. <i>Nature Communications</i> , 2014, 5, 5232.	12.8	101
22	Molecular layers underlying cytoskeletal remodelling during cortical development. <i>Trends in Neurosciences</i> , 2010, 33, 38-47.	8.6	99
23	DBIRD complex integrates alternative mRNA splicing with RNA polymerase II transcript elongation. <i>Nature</i> , 2012, 484, 386-389.	27.8	99
24	p27Kip1 Is a Microtubule-Associated Protein that Promotes Microtubule Polymerization during Neuron Migration. <i>Developmental Cell</i> , 2012, 23, 729-744.	7.0	97
25	Potential of Tumor Necrosis Factor-Induced NF- κ B Activation by Deacetylase Inhibitors Is Associated with a Delayed Cytoplasmic Reappearance of I κ B α . <i>Molecular and Cellular Biology</i> , 2003, 23, 6200-6209.	2.3	89
26	Cytoplasmic I κ B α Increases NF- κ B-independent Transcription through Binding to Histone Deacetylase (HDAC) 1 and HDAC3. <i>Journal of Biological Chemistry</i> , 2003, 278, 46541-46548.	3.4	88
27	Role of IKK and ERK pathways in intrinsic inflammation of cystic fibrosis airways. <i>Biochemical Pharmacology</i> , 2007, 73, 1982-1994.	4.4	83
28	The emerging role of lysine acetylation of non-nuclear proteins. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1255-1264.	5.4	79
29	Lipopolysaccharide-mediated Interferon Regulatory Factor Activation Involves TBK1-IKK μ -dependent Lys63-linked Polyubiquitination and Phosphorylation of TANK/I-TRAF. <i>Journal of Biological Chemistry</i> , 2007, 282, 31131-31146.	3.4	77
30	Regulation of HER-2 oncogene expression by cyclooxygenase-2 and prostaglandin E2. <i>Oncogene</i> , 2004, 23, 1631-1635.	5.9	68
31	Elp3 drives Wnt-dependent tumor initiation and regeneration in the intestine. <i>Journal of Experimental Medicine</i> , 2015, 212, 2057-2075.	8.5	67
32	MicroRNA Targeting of CoREST Controls Polarization of Migrating Cortical Neurons. <i>Cell Reports</i> , 2014, 7, 1168-1183.	6.4	65
33	Detection of HOXA1 Expression in Human Breast Cancer. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 292-297.	2.1	60
34	Elongator subunit 3 (ELP3) modifies ALS through tRNA modification. <i>Human Molecular Genetics</i> , 2018, 27, 1276-1289.	2.9	56
35	CBP and histone deacetylase inhibition enhance the transactivation potential of the HOXB7 homeodomain-containing protein. <i>Oncogene</i> , 1999, 18, 4007-4014.	5.9	55
36	Elongator “ an emerging role in neurological disorders. <i>Trends in Molecular Medicine</i> , 2010, 16, 1-6.	6.7	52

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37	CEMIP (KIAA1199) induces a fibrosis-like process in osteoarthritic chondrocytes. <i>Cell Death and Disease</i> , 2019, 10, 103.	6.3	50
38	Homeobox genes: Potential candidates for the transcriptional control of the transformed and invasive phenotype. <i>Biochemical Pharmacology</i> , 1994, 47, 137-143.	4.4	49
39	Targeting osteopontin suppresses glioblastoma stem-like cell character and tumorigenicity <i>in vivo</i> . <i>International Journal of Cancer</i> , 2015, 137, 1047-1057.	5.1	49
40	Deregulated NF- κ B activity in haematological malignancies. <i>Biochemical Pharmacology</i> , 2006, 72, 1069-1080.	4.4	48
41	DERP6 (ELP5) and C3ORF75 (ELP6) Regulate Tumorigenicity and Migration of Melanoma Cells as Subunits of Elongator. <i>Journal of Biological Chemistry</i> , 2012, 287, 32535-32545.	3.4	47
42	Promoter-dependent Effect of IKK \pm on NF- κ B/p65 DNA Binding. <i>Journal of Biological Chemistry</i> , 2007, 282, 21308-21318.	3.4	46
43	Tamoxifen and its active metabolite inhibit growth of estrogen receptor-negative MDA-MB-435 cells. <i>Biochemical Pharmacology</i> , 1995, 49, 351-358.	4.4	44
44	The homeodomain-containing proteins. <i>Biochemical Pharmacology</i> , 1999, 58, 1851-1857.	4.4	43
45	Induction of the Alternative NF- κ B Pathway by Lymphotoxin β 2 (LT β 2) Relies on Internalization of LT β 2 Receptor. <i>Molecular and Cellular Biology</i> , 2011, 31, 4319-4334.	2.3	43
46	Raloxifene-Induced Myeloma Cell Apoptosis: A Study of Nuclear Factor- κ B Inhibition and Gene Expression Signature. <i>Molecular Pharmacology</i> , 2006, 69, 1615-1623.	2.3	42
47	tRNA Modification: Is Cancer Having a Wobble?. <i>Trends in Cancer</i> , 2017, 3, 249-252.	7.4	42
48	Interleukin-6 receptor shedding is enhanced by interleukin-1 β and tumor necrosis factor α and is partially mediated by tumor necrosis factor α -converting enzyme in osteoblast-like cells. <i>Arthritis and Rheumatism</i> , 2005, 52, 84-93.	6.7	39
49	Caspase-8-Dependent HER-2 Cleavage in Response to Tumor Necrosis Factor α Stimulation Is Counteracted by Nuclear Factor κ B through c-FLIP-L Expression. <i>Cancer Research</i> , 2004, 64, 2684-2691.	0.9	37
50	Elongator controls cortical interneuron migration by regulating actomyosin dynamics. <i>Cell Research</i> , 2016, 26, 1131-1148.	12.0	37
51	The Repressing Function of the Oncoprotein BCL-3 Requires CtBP, while Its Polyubiquitination and Degradation Involve the E3 Ligase TBLR1. <i>Molecular and Cellular Biology</i> , 2010, 30, 4006-4021.	2.3	33
52	Involvement of placental growth factor in Wallerian degeneration. <i>Glia</i> , 2011, 59, 379-396.	4.9	31
53	TNF α - and IKK β -mediated TANK/I-TRAF phosphorylation: implications for interaction with NEMO/IKK γ and NF- κ B activation. <i>Biochemical Journal</i> , 2006, 394, 593-603.	3.7	30
54	The Endosomal Protein CEMIP Links WNT Signaling to MEK1 \rightarrow ERK1/2 Activation in Selumetinib-Resistant Intestinal Organoids. <i>Cancer Research</i> , 2018, 78, 4533-4548.	0.9	30

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55	Downregulation of the FTO m6A RNA demethylase promotes EMT-mediated progression of epithelial tumors and sensitivity to Wnt inhibitors. <i>Nature Cancer</i> , 2021, 2, 611-628.	13.2	30
56	Further Insights in the Mechanisms of Interleukin-1 β Stimulation of Osteoprotegerin in Osteoblast-Like Cells. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1350-1361.	2.8	29
57	Cloning and expression of a new HOXC6 transcript encoding a repressing protein. <i>Biochemical Journal</i> , 1996, 319, 91-97.	3.7	28
58	A phase 1 β , prospective, double blind, randomized study of the safety and efficacy of Sulfasalazine for the treatment of progressing malignant gliomas: study protocol of [ISRCTN45828668]. <i>BMC Cancer</i> , 2006, 6, 29.	2.6	28
59	Î β Enhances Transactivation by the HOXB7 Homeodomain-containing Protein. <i>Journal of Biological Chemistry</i> , 1999, 274, 5318-5325.	3.4	27
60	The X-linked trichothiodystrophy-causing gene RNF113A links the spliceosome to cell survival upon DNA damage. <i>Nature Communications</i> , 2020, 11, 1270.	12.8	26
61	BCL-3 Degradation Involves Its Polyubiquitination through a FBW7-independent Pathway and Its Binding to the Proteasome Subunit PSMB1. <i>Journal of Biological Chemistry</i> , 2010, 285, 25831-25840.	3.4	24
62	Role of the adaptor protein CIKS in the activation of the IKK complex. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 84-90.	2.1	22
63	In Vitro cytotoxicity of some medicinal plants from Georgian Amaryllidaceae. <i>Phytotherapy Research</i> , 2007, 21, 622-624.	5.8	22
64	IKK β Promotes Intestinal Tumorigenesis by Limiting Recruitment of M1-like Polarized Myeloid Cells. <i>Cell Reports</i> , 2014, 7, 1914-1925.	6.4	22
65	The Prosurvival IKK-Related Kinase IKK μ Integrates LPS and IL17A Signaling Cascades to Promote Wnt-Dependent Tumor Development in the Intestine. <i>Cancer Research</i> , 2016, 76, 2587-2599.	0.9	21
66	Protein Phosphorylation as a Key Mechanism for the Regulation of BCL-3 Activity. <i>Cell Cycle</i> , 2004, 3, 1498-1501.	2.6	20
67	Deregulated expression of pro-survival and pro-apoptotic p53-dependent genes upon Elongator deficiency in colon cancer cells. <i>Biochemical Pharmacology</i> , 2008, 75, 2122-2134.	4.4	19
68	20 years of NF- κ B. <i>Biochemical Pharmacology</i> , 2006, 72, 1051-1053.	4.4	16
69	A Role for APPL1 in TLR3/4-Dependent TBK1 and IKK μ Activation in Macrophages. <i>Journal of Immunology</i> , 2015, 194, 3970-3983.	0.8	16
70	KIAA1199: A novel regulator of MEK/ERK α -induced Schwann cell dedifferentiation. <i>Glia</i> , 2017, 65, 1682-1696.	4.9	16
71	Wobble tRNA modification and hydrophilic amino acid patterns dictate protein fate. <i>Nature Communications</i> , 2021, 12, 2170.	12.8	16
72	Loss of Elp3 Impairs the Acetylation and Distribution of Connexin-43 in the Developing Cerebral Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 122.	3.7	15

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73	Proteostasis is essential during cochlear development for neuron survival and hair cell polarity. <i>EMBO Reports</i> , 2019, 20, e47097.	4.5	14
74	Loss of tRNA-modifying enzyme Elp3 activates a p53-dependent antitumor checkpoint in hematopoiesis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	14
75	NF- κ B Activating Scaffold Proteins as Signaling Molecules and Putative Therapeutic Targets. <i>Current Medicinal Chemistry</i> , 2003, 10, 593-602.	2.4	12
76	A Case of FIP1L1-PDGFR α -Positive Chronic Eosinophilic Leukemia with a Rare FIP1L1 Breakpoint. <i>Journal of Molecular Diagnostics</i> , 2007, 9, 414-419.	2.8	11
77	ATP-citrate lyase promotes axonal transport across species. <i>Nature Communications</i> , 2021, 12, 5878.	12.8	11
78	Dynamic Regulation of tRNA Modifications in Cancer. , 2018, , 163-186.		10
79	Molecular cloning of a mutated HOXB7 cDNA encoding a truncated transactivating homeodomain-containing protein. , 1998, 71, 46-54.		9
80	Molecules in focus The HOXC6 homeodomain-containing proteins. <i>International Journal of Biochemistry and Cell Biology</i> , 1998, 30, 651-655.	2.8	9
81	The E3 ligase COP1 promotes ER α signaling and suppresses EMT in breast cancer. <i>Oncogene</i> , 2022, 41, 173-190.	5.9	8
82	Loss of the Transfer RNA Wobble Uracil-Modifying Enzyme Elp3 Delays T Cell Cycle Entry and Impairs T Follicular Helper Cell Responses through Dereglulation of Atf4. <i>Journal of Immunology</i> , 2021, 206, 1077-1087.	0.8	5
83	Low daunomycin concentrations protect colorectal cancer cells from hypoxia-induced apoptosis. <i>Oncogene</i> , 2005, 24, 1788-1793.	5.9	4
84	NF- κ B Signaling in Ex-Vivo Mouse Intestinal Organoids. <i>Methods in Molecular Biology</i> , 2021, 2366, 283-292.	0.9	2
85	Elp3 drives Wnt-dependent tumor initiation and regeneration in the intestine. <i>Journal of Cell Biology</i> , 2015, 211, 2113OIA257.	5.2	0