Maria Sibilia

List of Publications by Year
in descending order

106 papers	11,714 citations	50276 46 h-index	28297 105 g-index
111 all docs	111 docs citations	111 times ranked	17086 citing authors

#	Article	IF	Citations
1	Loss of the Suv39h Histone Methyltransferases Impairs Mammalian Heterochromatin and Genome Stability. Cell, 2001, 107, 323-337.	28.9	1,552
2	Strain-dependent epithelial defects in mice lacking the EGF receptor. Science, 1995, 269, 234-238.	12.6	945
3	Distinct Neural Stem Cells Proliferate in Response to EGF and FGF in the Developing Mouse Telencephalon. Developmental Biology, 1999, 208, 166-188.	2.0	742
4	Amino-terminal phosphorylation of c-Jun regulates stress-induced apoptosis and cellular proliferation. Nature Genetics, 1999, 21, 326-329.	21.4	645
5	EGF Receptor Is Required for KRAS-Induced Pancreatic Tumorigenesis. Cancer Cell, 2012, 22, 304-317.	16.8	445
6	EGF Receptor Signaling Is Essential for K-Ras Oncogene-Driven Pancreatic Ductal Adenocarcinoma. Cancer Cell, 2012, 22, 318-330.	16.8	339
7	Amphiregulin Enhances Regulatory T Cell-Suppressive Function via the Epidermal Growth Factor Receptor. Immunity, 2013, 38, 275-284.	14.3	324
8	Autocrine VEGF Signaling Synergizes with EGFR in Tumor Cells to Promote Epithelial Cancer Development. Cell, 2010, 140, 268-279.	28.9	311
9	The epidermal growth factor receptor: from development to tumorigenesis. Differentiation, 2007, 75, 770-787.	1.9	289
10	The EGF Receptor Provides an Essential Survival Signal for SOS-Dependent Skin Tumor Development. Cell, 2000, 102, 211-220.	28.9	288
11	A strain-independent postnatal neurodegeneration in mice lacking the EGF receptor. EMBO Journal, 1998, 17, 719-731.	7.8	278
12	The EGF receptor is required for efficient liver regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17081-17086.	7.1	267
13	Functions of c-Jun in Liver and Heart Development. Journal of Cell Biology, 1999, 145, 1049-1061.	5.2	252
14	Imiquimod clears tumors in mice independent of adaptive immunity by converting pDCs into tumor-killing effector cells. Journal of Clinical Investigation, 2012, 122, 575-585.	8.2	250
15	c-Jun Regulates Eyelid Closure and Skin Tumor Development through EGFR Signaling. Developmental Cell, 2003, 4, 879-889.	7.0	248
16	Impaired postnatal hepatocyte proliferation and liver regeneration in mice lacking c-jun in the liver. EMBO Journal, 2002, 21, 1782-1790.	7.8	234
17	EGFR has a tumour-promoting role in liver macrophages during hepatocellular carcinomaÂformation. Nature Cell Biology, 2014, 16, 972-981.	10.3	198
18	Epidermal EGFR Controls Cutaneous Host Defense and Prevents Inflammation. Science Translational Medicine, 2013, 5, 199ra111.	12.4	197

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19	Identification and Characterization of pDC-Like Cells in Normal Mouse Skin and Melanomas Treated with Imiquimod. Journal of Immunology, 2004, 173, 3051-3061.	0.8	193
20	Oncogenic transformation by ras and fos is mediated by c-Jun N-terminal phosphorylation. Oncogene, 2000, 19, 2657-2663.	5.9	189
21	Epidermal Growth Factor Receptor Signaling Synergizes with Hedgehog/GLI in Oncogenic Transformation via Activation of the MEK/ERK/JUN Pathway. Cancer Research, 2009, 69, 1284-1292.	0.9	189
22	EGFR Signaling in Liver Diseases. International Journal of Molecular Sciences, 2016, 17, 30.	4.1	161
23	Hedgehog–EGFR cooperation response genes determine the oncogenic phenotype of basal cell carcinoma and tumour–initiating pancreatic cancer cells. EMBO Molecular Medicine, 2012, 4, 218-233.	6.9	155
24	Liver Cancer Initiation Requires p53 Inhibition by CD44-Enhanced Growth Factor Signaling. Cancer Cell, 2018, 33, 1061-1077.e6.	16.8	151
25	Mice humanised for the EGF receptor display hypomorphic phenotypes in skin, bone and heart. Development (Cambridge), 2003, 130, 4515-4525.	2.5	113
26	Neuronal survival depends on EGFR signaling in cortical but not midbrain astrocytes. EMBO Journal, 2006, 25, 752-762.	7.8	113
27	Raf-1 Addiction in Ras-Induced Skin Carcinogenesis. Cancer Cell, 2009, 16, 149-160.	16.8	99
28	Afatinib restrains K-RAS–driven lung tumorigenesis. Science Translational Medicine, 2018, 10, .	12.4	99
29	Defective Angiogenesis Delays Thrombus Resolution. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 810-819.	2.4	95
30	Specific roles for dendritic cell subsets during initiation and progression of psoriasis. EMBO Molecular Medicine, 2014, 6, 1312-1327.	6.9	92
31	Mechanisms underlying skin disorders induced by EGFR inhibitors. Molecular and Cellular Oncology, 2015, 2, e1004969.	0.7	86
32	<scp>RNA</scp> editing of Filamin A pre–<scp>mRNA</scp> regulates vascular contraction and diastolic blood pressure. EMBO Journal, 2018, 37, .	7.8	86
33	Epidermal Growth Factor Receptor Expression Licenses Type-2 Helper T Cells to Function in a T Cell Receptor-Independent Fashion. Immunity, 2017, 47, 710-722.e6.	14.3	82
34	Ectodomain shedding of EGFR ligands and TNFR1 dictates hepatocyte apoptosis during fulminant hepatitis in mice. Journal of Clinical Investigation, 2010, 120, 2731-2744.	8.2	76
35	The EGFR network in bone biology and pathology. Trends in Endocrinology and Metabolism, 2009, 20, 517-524.	7.1	75
36	EGFR in Tumor-Associated Myeloid Cells Promotes Development of Colorectal Cancer in Mice and Associates With Outcomes of Patients. Gastroenterology, 2017, 153, 178-190.e10.	1.3	72

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37	High-Affinity IgE Receptors on Dendritic Cells Exacerbate Th2-Dependent Inflammation. Journal of Immunology, 2011, 187, 164-171.	0.8	71
38	Differential Utilization and Localization of ErbB Receptor Tyrosine Kinases in Skin Compared to Normal and Malignant Keratinocytes. Neoplasia, 2001, 3, 339-350.	5.3	68
39	Wnt signaling and Loxl2 promote aggressive osteosarcoma. Cell Research, 2020, 30, 885-901.	12.0	68
40	TNFα shedding and epidermal inflammation are controlled by Jun proteins. Genes and Development, 2009, 23, 2663-2674.	5.9	64
41	ADAM17 is required for EGF-R–induced intestinal tumors via IL-6 trans-signaling. Journal of Experimental Medicine, 2018, 215, 1205-1225.	8.5	63
42	EPHA2 Is a Predictive Biomarker of Resistance and a Potential Therapeutic Target for Improving Antiepidermal Growth Factor Receptor Therapy in Colorectal Cancer. Molecular Cancer Therapeutics, 2019, 18, 845-855.	4.1	58
43	Divergent roles of HDAC1 and HDAC2 in the regulation of epidermal development and tumorigenesis. EMBO Journal, 2013, 32, 3176-3191.	7.8	57
44	EGFR controls bone development by negatively regulating mTOR-signaling during osteoblast differentiation. Cell Death and Differentiation, 2018, 25, 1094-1106.	11.2	57
45	Loss of Epidermal Growth Factor Receptor in Vascular Smooth Muscle Cells and Cardiomyocytes Causes Arterial Hypotension and Cardiac Hypertrophy. Hypertension, 2013, 61, 333-340.	2.7	56
46	TUSC3 Loss Alters the ER Stress Response and Accelerates Prostate Cancer Growth in vivo. Scientific Reports, 2014, 4, 3739.	3.3	54
47	EWS-FLI1 perturbs MRTFB/YAP-1/TEAD target gene regulation inhibiting cytoskeletal autoregulatory feedback in Ewing sarcoma. Oncogene, 2017, 36, 5995-6005.	5.9	46
48	Evidence That Cingulin Regulates Endothelial Barrier Function In Vitro and In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 647-654.	2.4	42
49	Psoriatic skin inflammation is promoted by c‐Jun/AP‐1‐dependent CCL2 and IL‐23 expression in dendritic cells. EMBO Molecular Medicine, 2021, 13, e12409.	6.9	42
50	Early Embryonic Lethality of Mice Lacking the Essential Protein SNEV. Molecular and Cellular Biology, 2007, 27, 3123-3130.	2.3	41
51	Sequential Cooperation of CD2 and CD48 in the Buildup of the Early TCR Signalosome. Journal of Immunology, 2009, 182, 7672-7680.	0.8	40
52	hVps37A Status Affects Prognosis and Cetuximab Sensitivity in Ovarian Cancer. Clinical Cancer Research, 2011, 17, 7816-7827.	7.0	37
53	Epidermal autonomous VEGFA/Flt1/Nrp1 functions mediate psoriasis-like disease. Science Advances, 2020, 6, eaax5849.	10.3	37
54	Consequences of Epidermal Growth Factor Receptor (ErbB1) Loss for Vascular Smooth Muscle Cells From Mice With Targeted Deletion of ErbB1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1643-1652.	2.4	36

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55	Bacterial ghosts as adjuvant to oxaliplatin chemotherapy in colorectal carcinomatosis. OncoImmunology, 2018, 7, e1424676.	4.6	35
56	Requirement of Stat3 Signaling in the Postnatal Development of Thymic Medullary Epithelial Cells. PLoS Genetics, 2016, 12, e1005776.	3.5	33
57	Qualitative and quantitative reâ€evaluation of epidermal growth factorâ€ErbB1 action on developing midbrain dopaminergic neurons <i>in vivo</i> and <i>in vitro</i>: targetâ€derived neurotrophic signaling (Part 1). Journal of Neurochemistry, 2011, 118, 45-56.	3.9	31
58	BRAF and MEK Inhibitors Increase PD-1-Positive Melanoma Cells Leading to a Potential Lymphocyte-Independent Synergism with Antiâ€"PD-1 Antibody. Clinical Cancer Research, 2018, 24, 3377-3385.	7.0	31
59	<scp>EGFR</scp> inhibitors erlotinib and lapatinib ameliorate epidermal blistering in pemphigus vulgaris in a nonâ€linear, <scp>V</scp>â€shaped relationship. Experimental Dermatology, 2014, 23, 33-38.	2.9	30
60	<scp>CCL</scp>7 contributes to the <scp>TNF</scp>â€alphaâ€dependent inflammation of lesional psoriatic skin. Experimental Dermatology, 2015, 24, 522-528.	2.9	30
61	Interruption of vascular endothelial growth factor receptor 2 signaling induces a proliferative pulmonary vasculopathy and pulmonary hypertension. Basic Research in Cardiology, 2020, 115, 58.	5.9	28
62	Effects of Imiquimod on Hair Follicle Stem Cells and Hair Cycle Progression. Journal of Investigative Dermatology, 2016, 136, 2140-2149.	0.7	26
63	Transcription-independent Induction of ERBB1 through Hypoxia-inducible Factor 2A Provides Cardioprotection during Ischemia and Reperfusion. Anesthesiology, 2020, 132, 763-780.	2.5	26
64	IDO1+ Paneth cells promote immune escape of colorectal cancer. Communications Biology, 2020, 3, 252.	4.4	26
65	EGFR is required for FOSâ€dependent bone tumor development via RSK2/CREB signaling. EMBO Molecular Medicine, 2018, 10, .	6.9	24
66	Dithranol targets keratinocytes, their crosstalk with neutrophils and inhibits the IL-36 inflammatory loop in psoriasis. ELife, 2020, 9, .	6.0	24
67	Hair eruption initiates and commensal skin microbiota aggravate adverse events of anti-EGFR therapy. Science Translational Medicine, 2019, 11, .	12.4	23
68	AXL is a predictor of poor survival and of resistance to anti-EGFR therapy in RAS wild-type metastatic colorectal cancer. European Journal of Cancer, 2020, 138, 1-10.	2.8	23
69	The protein tyrosine kinase Tec regulates mast cell function. European Journal of Immunology, 2009, 39, 3228-3238.	2.9	22
70	Epidermal growth factor signaling protects from cholestatic liver injury and fibrosis. Journal of Molecular Medicine, 2017, 95, 109-117.	3.9	21
71	Epidermal activation of Hedgehog signaling establishes an immunosuppressive microenvironment in basal cell carcinoma by modulating skin immunity. Molecular Oncology, 2020, 14, 1930-1946.	4.6	21
72	Skin Inflammation Is Not Sufficient to Break Tolerance Induced against a Novel Antigen. Journal of Immunology, 2009, 183, 1133-1143.	0.8	19

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73	How imiquimod licenses plasmacytoid dendritic cells to kill tumors. OncoImmunology, 2012, 1, 1661-1663.	4.6	19
74	EGFR/Ras-induced CCL20 production modulates the tumour microenvironment. British Journal of Cancer, 2020, 123, 942-954.	6.4	18
75	The AP-1 transcription factors c-Jun and JunB are essential for CD8Î± conventional dendritic cell identity. Cell Death and Differentiation, 2021, 28, 2404-2420.	11.2	18
76	Consequences of postnatal vascular smooth muscle EGFR deletion on acute angiotensin II action. Clinical Science, 2016, 130, 19-33.	4.3	17
77	DNA hypomethylation leads to cGASâ€induced autoinflammation in the epidermis. EMBO Journal, 2021, 40, e108234.	7.8	17
78	Impaired neural stem cell expansion and hypersensitivity to epileptic seizures in mice lacking the EGFR in the brain. FEBS Journal, 2018, 285, 3175-3196.	4.7	16
79	EGFR Controls Hair Shaft Differentiation in a p53-Independent Manner. IScience, 2019, 15, 243-256.	4.1	14
80	Bone morphogenetic protein signaling regulates skin inflammation via modulating dendritic cell function. Journal of Allergy and Clinical Immunology, 2021, 147, 1810-1822.e9.	2.9	14
81	Moderate inappropriately high aldosterone/NaCl constellation in mice: cardiovascular effects and the role of cardiovascular epidermal growth factor receptor. Scientific Reports, 2014, 4, 7430.	3.3	13
82	Covalent dimerization of interleukinâ€like epithelialâ€toâ€mesenchymal transition (EMT) inducer (ILEI) facilitates EMT, invasion, and late aspects of metastasis. FEBS Journal, 2017, 284, 3484-3505.	4.7	13
83	The cytoplasmic tail of CD45 is released from activated phagocytes and can act as an inhibitory messenger for T cells. Blood, 2008, 112, 1240-1248.	1.4	12
84	BMP7 aberrantly induced in the psoriatic epidermis instructs inflammation-associated Langerhans cells. Journal of Allergy and Clinical Immunology, 2020, 145, 1194-1207.e11.	2.9	12
85	The FAM3C locus that encodes interleukin-like EMT inducer (ILEI) is frequently co-amplified in MET-amplified cancers and contributes to invasiveness. Journal of Experimental and Clinical Cancer Research, 2021, 40, 69.	8.6	12
86	Fos regulates macrophage infiltration against surrounding tissue resistance by a cortical actin-based mechanism in Drosophila. PLoS Biology, 2022, 20, e3001494.	5.6	12
87	Haploinsufficiency of SNEV Causes Defects of Hematopoietic Stem Cells Functions. Stem Cells and Development, 2008, 17, 355-366.	2.1	11
88	Hepatocyte-Specific Deletion of EGFR in Mice Reduces Hepatic Abcg2 Transport Activity Measured by [11C]erlotinib and Positron Emission Tomography. Drug Metabolism and Disposition, 2017, 45, 1093-1100.	3.3	11
89	Results of the extended analysis for cancer treatment (EXACT) trial: a prospective translational study evaluating individualized treatment regimens in oncology. Oncotarget, 2019, 10, 942-952.	1.8	11
90	Lipid Metabolism Interplay in CRCâ€"An Update. Metabolites, 2022, 12, 213.	2.9	11

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91	Osteopontin-deficient progenitor cells display enhanced differentiation to adipocytes. Obesity Research and Clinical Practice, 2018, 12, 277-285.	1.8	10
92	Effects of Depilation Methods on Imiquimod-Induced Skin Inflammation in Mice. Journal of Investigative Dermatology, 2017, 137, 528-531.	0.7	9
93	Autophagy regulation in pancreatic acinar cells is independent of epidermal growth factor receptor signaling. Biochemical and Biophysical Research Communications, 2014, 446, 224-230.	2.1	8
94	Mouse Models of Nonmelanoma Skin Cancer. Methods in Molecular Biology, 2015, 1267, 217-250.	0.9	8
95	Interim analysis of a real-world precision medicine platform for molecular profiling of metastatic or advanced cancers: MONDTI. ESMO Open, 2019, 4, e000538.	4.5	7
96	Targeted Therapy Recommendations for Therapy Refractory Solid Tumors—Data from the Real-World Precision Medicine Platform MONDTI. Journal of Personalized Medicine, 2020, 10, 188.	2.5	7
97	Dual inhibition of TGFβ and AXL as a novel therapy for human colorectal adenocarcinoma with mesenchymal phenotype. Medical Oncology, 2021, 38, 24.	2.5	7
98	Ex-Vivo Skin Explant Culture Is a Model for TSLP-Mediated Skin Barrier Immunity. Life, 2021, 11, 1237.	2.4	7
99	Transgenic animals. European Review, 1996, 4, 371.	0.7	6
100	SNEV P rp19/ PSO 4 deficiency increases PUVA â€induced senescence in mouse skin. Experimental Dermatology, 2016, 25, 212-217.	2.9	6
101	A meta-analysis of melanoma risk in industrial workers. Melanoma Research, 2020, 30, 286-296.	1.2	5
102	BMPR1a Is Required for the Optimal TGFβ1-Dependent CD207+ Langerhans Cell Differentiation and Limits Skin Inflammation through CD11c+ Cells. Journal of Investigative Dermatology, 2022, 142, 2446-2454.e3.	0.7	3
103	Feasibility of personalized treatment concepts in gastrointestinal malignancies: Sub-group results of prospective clinical phase II trial EXACT. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2018, 30, 508-515.	2.2	2
104	Methods to Study MAP Kinase Signalling in the Central Nervous System. Methods in Molecular Biology, 2010, 661, 481-495.	0.9	1
105	Transgenic animals. European Review, 1996, 4, 371-391.	0.7	0
106	Transgenic animals: Generation and use. Trends in Genetics, 1997, 13, 501-502.	6.7	0