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	Fos regulates macrophage infiltration against surrounding tissue resistance by a cortical actin-based mechanism in Drosophila. PLoS Biology, 2022, 20, e3001494.	5.6	12
2	Lipid Metabolism Interplay in CRCâ€"An Update. Metabolites, 2022, 12, 213.	2.9	11
3	BMPR1a Is Required for the Optimal TGFÎ²1-Dependent CD207+ Langerhans Cell Differentiation and Limits Skin Inflammation through CD11c+ Cells. Journal of Investigative Dermatology, 2022, 142, 2446-2454.e3.	0.7	3
4	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
5	Dual inhibition of TGFÎ² and AXL as a novel therapy for human colorectal adenocarcinoma with mesenchymal phenotype. Medical Oncology, 2021, 38, 24.	2.5	7
6	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
7	Psoriatic skin inflammation is promoted by câ€Jun/APâ€1â€dependent CCL2 and ILâ€23 expression in dendritic cells. EMBO Molecular Medicine, 2021, 13, e12409.	6.9	42
8	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
9	DNA hypomethylation leads to cGASâ€induced autoinflammation in the epidermis. EMBO Journal, 2021, 40, e108234.	7.8	17
10	Ex-Vivo Skin Explant Culture Is a Model for TSLP-Mediated Skin Barrier Immunity. Life, 2021, 11, 1237.	2.4	7
11	A meta-analysis of melanoma risk in industrial workers. Melanoma Research, 2020, 30, 286-296.	1.2	5
12	Epidermal autonomous VEGFA/Flt1/Nrp1 functions mediate psoriasis-like disease. Science Advances, 2020, 6, eaax5849.	10.3	37
13	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
14	Transcription-independent Induction of ERBB1 through Hypoxia-inducible Factor 2A Provides Cardioprotection during Ischemia and Reperfusion. Anesthesiology, 2020, 132, 763-780.	2.5	26
15	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
16	Wnt signaling and Loxl2 promote aggressive osteosarcoma. Cell Research, 2020, 30, 885-901.	12.0	68
17	Targeted Therapy Recommendations for Therapy Refractory Solid Tumorsâ€"Data from the Real-World Precision Medicine Platform MONDTI. Journal of Personalized Medicine, 2020, 10, 188.	2.5	7
18	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

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19	EGFR/Ras-induced CCL20 production modulates the tumour microenvironment. British Journal of Cancer, 2020, 123, 942-954.	6.4	18
20	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
21	IDO1+ Paneth cells promote immune escape of colorectal cancer. Communications Biology, 2020, 3, 252.	4.4	26
22	Dithranol targets keratinocytes, their crosstalk with neutrophils and inhibits the IL-36 inflammatory loop in psoriasis. ELife, 2020, 9, .	6.0	24
23	EGFR Controls Hair Shaft Differentiation in a p53-Independent Manner. IScience, 2019, 15, 243-256.	4.1	14
24	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
25	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
26	Hair eruption initiates and commensal skin microbiota aggravate adverse events of anti-EGFR therapy. Science Translational Medicine, 2019, 11, .	12.4	23
27	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
28	Osteopontin-deficient progenitor cells display enhanced differentiation to adipocytes. Obesity Research and Clinical Practice, 2018, 12, 277-285.	1.8	10
29	ADAM17 is required for EGF-Râ€“induced intestinal tumors via IL-6 trans-signaling. Journal of Experimental Medicine, 2018, 215, 1205-1225.	8.5	63
30	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
31	EGFR controls bone development by negatively regulating mTOR-signaling during osteoblast differentiation. Cell Death and Differentiation, 2018, 25, 1094-1106.	11.2	57
32	Bacterial ghosts as adjuvant to oxaliplatin chemotherapy in colorectal carcinomatosis. OncoImmunology, 2018, 7, e1424676.	4.6	35
33	EGFR is required for FOSâ€dependent bone tumor development via RSK2/CREB signaling. EMBO Molecular Medicine, 2018, 10, .	6.9	24
34	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
35	<scp>RNA</scp> editing of Filamin A preâ€•<scp>mRNA</scp> regulates vascular contraction and diastolic blood pressure. EMBO Journal, 2018, 37, .	7.8	86
36	Liver Cancer Initiation Requires p53 Inhibition by CD44-Enhanced Growth Factor Signaling. Cancer Cell, 2018, 33, 1061-1077.e6.	16.8	151

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37	Afatinib restrains K-RASâ€“driven lung tumorigenesis. Science Translational Medicine, 2018, 10, .	12.4	99
38	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
39	EGFR in Tumor-Associated Myeloid Cells Promotes Development of Colorectal Cancer in Mice and Associates With Outcomes ofÂPatients. Gastroenterology, 2017, 153, 178-190.e10.	1.3	72
40	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
41	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
42	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
43	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
44	Epidermal growth factor signaling protects from cholestatic liver injury and fibrosis. Journal of Molecular Medicine, 2017, 95, 109-117.	3.9	21
45	Effects of Depilation Methods on Imiquimod-Induced Skin Inflammation inÂMice. Journal of Investigative Dermatology, 2017, 137, 528-531.	0.7	9
46	EGFR Signaling in Liver Diseases. International Journal of Molecular Sciences, 2016, 17, 30.	4.1	161
47	Requirement of Stat3 Signaling in the Postnatal Development of Thymic Medullary Epithelial Cells. PLoS Genetics, 2016, 12, e1005776.	3.5	33
48	Effects of Imiquimod on Hair Follicle Stem Cells and Hair Cycle Progression. Journal of Investigative Dermatology, 2016, 136, 2140-2149.	0.7	26
49	Consequences of postnatal vascular smooth muscle EGFR deletion on acute angiotensin II action. Clinical Science, 2016, 130, 19-33.	4.3	17
50	SNEV P rp19/ PSO 4 deficiency increases PUVA â€induced senescence in mouse skin. Experimental Dermatology, 2016, 25, 212-217.	2.9	6
51	Evidence That Cingulin Regulates Endothelial Barrier Function In Vitro and In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 647-654.	2.4	42
52	Mechanisms underlying skin disorders induced by EGFR inhibitors. Molecular and Cellular Oncology, 2015, 2, e1004969.	0.7	86
53	<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
54	Mouse Models of Nonmelanoma Skin Cancer. Methods in Molecular Biology, 2015, 1267, 217-250.	0.9	8

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55	Defective Angiogenesis Delays Thrombus Resolution. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 810-819.	2.4	95
56	<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
57	Specific roles for dendritic cell subsets during initiation and progression of psoriasis. EMBO Molecular Medicine, 2014, 6, 1312-1327.	6.9	92
58	EGFR has a tumour-promoting role in liver macrophages during hepatocellular carcinomaÂformation. Nature Cell Biology, 2014, 16, 972-981.	10.3	198
59	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
60	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
61	TUSC3 Loss Alters the ER Stress Response and Accelerates Prostate Cancer Growth in vivo. Scientific Reports, 2014, 4, 3739.	3.3	54
62	Divergent roles of HDAC1 and HDAC2 in the regulation of epidermal development and tumorigenesis. EMBO Journal, 2013, 32, 3176-3191.	7.8	57
63	Amphiregulin Enhances Regulatory T Cell-Suppressive Function via the Epidermal Growth Factor Receptor. Immunity, 2013, 38, 275-284.	14.3	324
64	Epidermal EGFR Controls Cutaneous Host Defense and Prevents Inflammation. Science Translational Medicine, 2013, 5, 199ra111.	12.4	197
65	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
66	How imiquimod licenses plasmacytoid dendritic cells to kill tumors. OncoImmunology, 2012, 1, 1661-1663.	4.6	19
67	EGF Receptor Is Required for KRAS-Induced Pancreatic Tumorigenesis. Cancer Cell, 2012, 22, 304-317.	16.8	445
68	EGF Receptor Signaling Is Essential for K-Ras Oncogene-Driven Pancreatic Ductal Adenocarcinoma. Cancer Cell, 2012, 22, 318-330.	16.8	339
69	Hedgehogâ€EGFR cooperation response genes determine the oncogenic phenotype of basal cell carcinoma and tumourâ€initiating pancreatic cancer cells. EMBO Molecular Medicine, 2012, 4, 218-233.	6.9	155
70	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
71	Qualitative and quantitative reâ€evaluation of epidermal growth factorâ€ErbB1 action on developing midbrain dopaminergic neurons in vivo and in vitro: targetâ€derived neurotrophic signaling (Part 1). Journal of Neurochemistry, 2011, 118, 45-56.	3.9	31
72	hVps37A Status Affects Prognosis and Cetuximab Sensitivity in Ovarian Cancer. Clinical Cancer Research, 2011, 17, 7816-7827.	7.0	37

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73	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
74	High-Affinity IgE Receptors on Dendritic Cells Exacerbate Th2-Dependent Inflammation. Journal of Immunology, 2011, 187, 164-171.	0.8	71
75	Autocrine VEGF Signaling Synergizes with EGFR in Tumor Cells to Promote Epithelial Cancer Development. Cell, 2010, 140, 268-279.	28.9	311
76	Methods to Study MAP Kinase Signalling in the Central Nervous System. Methods in Molecular Biology, 2010, 661, 481-495.	0.9	1
77	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
78	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
79	Sequential Cooperation of CD2 and CD48 in the Buildup of the Early TCR Signalosome. Journal of Immunology, 2009, 182, 7672-7680.	0.8	40
80	TNFÎ± shedding and epidermal inflammation are controlled by Jun proteins. Genes and Development, 2009, 23, 2663-2674.	5.9	64
81	Skin Inflammation Is Not Sufficient to Break Tolerance Induced against a Novel Antigen. Journal of Immunology, 2009, 183, 1133-1143.	0.8	19
82	Raf-1 Addiction in Ras-Induced Skin Carcinogenesis. Cancer Cell, 2009, 16, 149-160.	16.8	99
83	The protein tyrosine kinase Tec regulates mast cell function. European Journal of Immunology, 2009, 39, 3228-3238.	2.9	22
84	The EGFR network in bone biology and pathology. Trends in Endocrinology and Metabolism, 2009, 20, 517-524.	7.1	75
85	Haploinsufficiency of SNEV Causes Defects of Hematopoietic Stem Cells Functions. Stem Cells and Development, 2008, 17, 355-366.	2.1	11
86	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
87	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
88	Early Embryonic Lethality of Mice Lacking the Essential Protein SNEV. Molecular and Cellular Biology, 2007, 27, 3123-3130.	2.3	41
89	The epidermal growth factor receptor: from development to tumorigenesis. Differentiation, 2007, 75, 770-787.	1.9	289
90	Neuronal survival depends on EGFR signaling in cortical but not midbrain astrocytes. EMBO Journal, 2006, 25, 752-762.	7.8	113

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91	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
92	c-Jun Regulates Eyelid Closure and Skin Tumor Development through EGFR Signaling. Developmental Cell, 2003, 4, 879-889.	7.0	248
93	Mice humanised for the EGF receptor display hypomorphic phenotypes in skin, bone and heart. Development (Cambridge), 2003, 130, 4515-4525.	2.5	113
94	Impaired postnatal hepatocyte proliferation and liver regeneration in mice lacking c-jun in the liver. EMBO Journal, 2002, 21, 1782-1790.	7.8	234
95	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
96	Loss of the Suv39h Histone Methyltransferases Impairs Mammalian Heterochromatin and Genome Stability. Cell, 2001, 107, 323-337.	28.9	1,552
97	Oncogenic transformation by ras and fos is mediated by c-Jun N-terminal phosphorylation. Oncogene, 2000, 19, 2657-2663.	5.9	189
98	The EGF Receptor Provides an Essential Survival Signal for SOS-Dependent Skin Tumor Development. Cell, 2000, 102, 211-220.	28.9	288
99	Functions of c-Jun in Liver and Heart Development. Journal of Cell Biology, 1999, 145, 1049-1061.	5.2	252
100	Amino-terminal phosphorylation of c-Jun regulates stress-induced apoptosis and cellular proliferation. Nature Genetics, 1999, 21, 326-329.	21.4	645
101	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
102	A strain-independent postnatal neurodegeneration in mice lacking the EGF receptor. EMBO Journal, 1998, 17, 719-731.	7.8	278
103	Transgenic animals: Generation and use. Trends in Genetics, 1997, 13, 501-502.	6.7	0
104	Transgenic animals. European Review, 1996, 4, 371-391.	0.7	0
105	Transgenic animals. European Review, 1996, 4, 371.	0.7	6
106	Strain-dependent epithelial defects in mice lacking the EGF receptor. Science, 1995, 269, 234-238.	12.6	945