

Jochen Maurer

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,328
citations

361413

20
h-index

361022

35
g-index

45
all docs

45
docs citations

45
times ranked

2413
citing authors

#	ARTICLE	IF	CITATIONS
1	A self-enforcing $CD44s/ZEB1$ feedback loop maintains EMT and stemness properties in cancer cells. <i>International Journal of Cancer</i> , 2015, 137, 2566-2577.	5.1	152
2	$MYCN$ and $ALKF1174L$ are sufficient to drive neuroblastoma development from neural crest progenitor cells. <i>Oncogene</i> , 2013, 32, 1059-1065.	5.9	84
3	A $Src-Tks5$ Pathway Is Required for Neural Crest Cell Migration during Embryonic Development. <i>PLoS ONE</i> , 2011, 6, e22499.	2.5	80
4	Maternal Embryonic Leucine Zipper Kinase Is Upregulated and Required in Mammary Tumor-Initiating Cells <i>in vivo</i> . <i>Cancer Research</i> , 2010, 70, 8863-8873.	0.9	75
5	$KDM4$ Inhibition Targets Breast Cancer Stem-like Cells. <i>Cancer Research</i> , 2017, 77, 5900-5912.	0.9	75
6	Early Acquisition of Neural Crest Competence During hESCs Neuralization. <i>PLoS ONE</i> , 2010, 5, e13890.	2.5	71
7	Interconnected feedback loops among $ESRP1$, $HAS2$, and $CD44$ regulate epithelial-mesenchymal plasticity in cancer. <i>APL Bioengineering</i> , 2018, 2, 031908.	6.2	71
8	Microfluidic organ-on-chip system for multi-analyte monitoring of metabolites in 3D cell cultures. <i>Lab on A Chip</i> , 2022, 22, 225-239.	6.0	66
9	A novel $ZEB1/HAS2$ positive feedback loop promotes EMT in breast cancer. <i>Oncotarget</i> , 2017, 8, 11530-11543.	1.8	59
10	$KMT9$ monomethylates histone H4 lysine 12 and controls proliferation of prostate cancer cells. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 361-371.	8.2	57
11	Establishment and controlled differentiation of neural crest stem cell lines using conditional transgenesis. <i>Differentiation</i> , 2007, 75, 580-591.	1.9	47
12	Pancreatic stellate cells in pancreatic cancer: In focus. <i>Pancreatology</i> , 2017, 17, 514-522.	1.1	37
13	Two Domains of Vimentin Are Expressed on the Surface of Lymph Node, Bone and Brain Metastatic Prostate Cancer Lines along with the Putative Stem Cell Marker Proteins $CD44$ and $CD133$. <i>Cancers</i> , 2011, 3, 2870-2885.	3.7	36
14	$ADAM9$ contributes to vascular invasion in pancreatic ductal adenocarcinoma. <i>Molecular Oncology</i> , 2019, 13, 456-479.	4.6	35
15	$EGFR$ activity addiction facilitates anti- $ERBB$ based combination treatment of squamous bladder cancer. <i>Oncogene</i> , 2020, 39, 6856-6870.	5.9	31
16	Chemotherapeutic Stress Influences Epithelial-Mesenchymal Transition and Stemness in Cancer Stem Cells of Triple-Negative Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 404.	4.1	31
17	$ROCK1$ Inhibition Promotes the Self-Renewal of a Novel Mouse Mammary Cancer Stem Cell. <i>Stem Cells</i> , 2013, 31, 12-22.	3.2	28
18	$CIP2A$ Interacts with $TopBP1$ and Drives Basal-Like Breast Cancer Tumorigenesis. <i>Cancer Research</i> , 2021, 81, 4319-4331.	0.9	26

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19	Niraparib exhibits a synergistic anti-tumor effect with PD-L1 blockade by inducing an immune response in ovarian cancer. <i>Journal of Translational Medicine</i> , 2021, 19, 415.	4.4	25
20	MMP14 empowers tumor-initiating breast cancer cells under hypoxic nutrient-depleted conditions. <i>FASEB Journal</i> , 2019, 33, 4124-4140.	0.5	24
21	Human Primary Breast Cancer Stem Cells Are Characterized by Epithelial-Mesenchymal Plasticity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1808.	4.1	23
22	Contrasting Expression of Keratins in Mouse and Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2008, 3, e3451.	2.5	22
23	Form follows function: Morphological and immunohistological insights into epithelial-mesenchymal transition characteristics of tumor buds. <i>Tumor Biology</i> , 2017, 39, 101042831770550.	1.8	19
24	ERN1 and ALPK1 inhibit differentiation of bi-potential tumor-initiating cells in human breast cancer. <i>Oncotarget</i> , 2016, 7, 83278-83293.	1.8	19
25	Production of Chick Embryo Extract for the Cultivation of Murine Neural Crest Stem Cells. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	18
26	Normal embryonic development and cardiac morphogenesis in mice with Wnt1-Cre-mediated deletion of connexin43. <i>Genesis</i> , 2006, 44, 269-276.	1.6	14
27	Development of Radiotracers for Breast Cancer – The Tumor Microenvironment as an Emerging Target. <i>Cells</i> , 2020, 9, 2334.	4.1	14
28	Metabolic targeting of cancer by a ubiquinone uncompetitive inhibitor of mitochondrial complex I. <i>Cell Chemical Biology</i> , 2022, 29, 436-450.e15.	5.2	14
29	Auger Emitter Conjugated PARP Inhibitor for Therapy in Triple Negative Breast Cancers: A Comparative In-Vitro Study. <i>Cancers</i> , 2022, 14, 230.	3.7	13
30	Cell type-specific conditional regulation of the c-myc proto-oncogene by combining Cre/loxP recombination and tamoxifen-mediated activation. <i>Genesis</i> , 2004, 38, 145-150.	1.6	12
31	A pan-cancer analysis reveals nonstop extension mutations causing SMAD4 tumour suppressor degradation. <i>Nature Cell Biology</i> , 2020, 22, 999-1010.	10.3	12
32	Predicted 3D-structure of melanopsin, the non-rod, non-cone photopigment of the mammalian circadian clock, from Djungarian hamsters (<i>Phodopus sungorus</i>). <i>Neuroscience Letters</i> , 2005, 376, 76-80.	2.1	10
33	Morphology of Immunomodulation in Breast Cancer Tumor Draining Lymph Nodes Depends on Stage and Intrinsic Subtype. <i>Scientific Reports</i> , 2018, 8, 5321.	3.3	9
34	Differences of inner and outer hair cells in the organ of Corti of the guinea pig in respect to the cellular content of precipitable calcium. <i>Hearing Research</i> , 1994, 72, 135-142.	2.0	8
35	The use of micro RNA in the early detection of cervical intraepithelial neoplasia. <i>Carcinogenesis</i> , 2020, 41, 1781-1789.	2.8	4
36	Next Generation Organ-on-Chip System for Directional Control of Culture Conditions and Metabolic Monitoring of Tumor Organoids. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
37	OXYGEN AND LACTATE MONITORING IN 3D BREAST CANCER ORGANOID CULTURE WITH SENSOR-INTEGRATED MICROFLUIDIC PLATFORM. , 2021, , .		2
38	Abstract 3867: ROCK1 inhibition promotes the self-renewal of a novel mouse mammary cancer stem cell. , 2014, , .		0
39	Abstract 155: KDM4 inhibition targets breast cancer stem-like cells. , 2018, , .		0