

Martina Konantz

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

5,336
citations

331670

21
h-index

361022

35
g-index

46
all docs

46
docs citations

46
times ranked

9820
citing authors

#	ARTICLE	IF	CITATIONS
1	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013, 496, 498-503.	27.8	3,708
2	Absence of NKG2D ligands defines leukaemia stem cells and mediates their immune evasion. <i>Nature</i> , 2019, 572, 254-259.	27.8	246
3	Zebrafish xenografts as a tool for <i>in vivo</i> studies on human cancer. <i>Annals of the New York Academy of Sciences</i> , 2012, 1266, 124-137.	3.8	186
4	The Transcriptional Landscape of Hematopoietic Stem Cell Ontogeny. <i>Cell Stem Cell</i> , 2012, 11, 701-714.	11.1	155
5	Mutations in signal recognition particle SRP54 cause syndromic neutropenia with Shwachman-Diamond-like features. <i>Journal of Clinical Investigation</i> , 2017, 127, 4090-4103.	8.2	126
6	<i>S</i> lc45a2 and <i>V</i> ATPase are regulators of melanosomal pH homeostasis in zebrafish, providing a mechanism for human pigment evolution and disease. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 205-217.	3.3	115
7	Oncogenic KrasG12D causes myeloproliferation via NLRP3 inflammasome activation. <i>Nature Communications</i> , 2020, 11, 1659.	12.8	92
8	Dimethyl fumarate induces ferroptosis and impairs NF- κ B/STAT3 signaling in DLBCL. <i>Blood</i> , 2021, 138, 871-884.	1.4	71
9	Large-scale mapping of mutations affecting zebrafish development. <i>BMC Genomics</i> , 2007, 8, 11.	2.8	59
10	Interactions between Cdx genes and retinoic acid modulate early cardiogenesis. <i>Developmental Biology</i> , 2011, 354, 134-142.	2.0	48
11	<i>NCKAP1L</i> defects lead to a novel syndrome combining immunodeficiency, lymphoproliferation, and hyperinflammation. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	48
12	EVI-1 modulates leukemogenic potential and apoptosis sensitivity in human acute lymphoblastic leukemia. <i>Leukemia</i> , 2013, 27, 56-65.	7.2	41
13	Evi1 regulates Notch activation to induce zebrafish hematopoietic stem cell emergence. <i>EMBO Journal</i> , 2016, 35, 2315-2331.	7.8	39
14	Molecular and functional interactions between AKT and SOX2 in breast carcinoma. <i>Oncotarget</i> , 2015, 6, 43540-43556.	1.8	37
15	Prominent Oncogenic Roles of EVI1 in Breast Carcinoma. <i>Cancer Research</i> , 2017, 77, 2148-2160.	0.9	36
16	Transition of Mesenchymal and Epithelial Cancer Cells Depends on β -1-4 Galactosyltransferase-Mediated Glycosphingolipids. <i>Cancer Research</i> , 2018, 78, 2952-2965.	0.9	35
17	Collagen-rich omentum is a premetastatic niche for integrin β -2-mediated peritoneal metastasis. <i>ELife</i> , 2020, 9, .	6.0	35
18	Acute Myeloid Leukemia Stem Cells: The Challenges of Phenotypic Heterogeneity. <i>Cancers</i> , 2020, 12, 3742.	3.7	32

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19	Ecotropic viral integration site 1, a novel oncogene in prostate cancer. <i>Oncogene</i> , 2017, 36, 1573-1584.	5.9	29
20	Targeting DDR2 in head and neck squamous cell carcinoma with dasatinib. <i>International Journal of Cancer</i> , 2016, 139, 2359-2369.	5.1	27
21	Long-term observation reveals high-frequency engraftment of human acute myeloid leukemia in immunodeficient mice. <i>Haematologica</i> , 2017, 102, 854-864.	3.5	25
22	Stress and catecholamines modulate the bone marrow microenvironment to promote tumorigenesis. <i>Cell Stress</i> , 2019, 3, 221-235.	3.2	23
23	Modeling hematopoietic disorders in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	22
24	<i>SRP54</i> mutations induce congenital neutropenia via dominant-negative effects on <i>XBP1</i> splicing. <i>Blood</i> , 2021, 137, 1340-1352.	1.4	15
25	Endothelial hematopoietic transition: Notch signaling vessels into blood. <i>Annals of the New York Academy of Sciences</i> , 2016, 1370, 97-108.	3.8	14
26	iPSC modeling of stage-specific leukemogenesis reveals BAALC as a key oncogene in severe congenital neutropenia. <i>Cell Stem Cell</i> , 2021, 28, 906-922.e6.	11.1	13
27	Biodegradable Harmonophores for Targeted High-Resolution <i>In Vivo</i> Tumor Imaging. <i>ACS Nano</i> , 2021, 15, 4144-4154.	14.6	11
28	In Vitro Tumorigenic Assay: The Tumor Spheres Assay. <i>Methods in Molecular Biology</i> , 2018, 1692, 77-87.	0.9	7
29	GATA3 and MDM2 are synthetic lethal in estrogen receptor-positive breast cancers. <i>Communications Biology</i> , 2022, 5, 373.	4.4	7
30	Development of Hras-Induced Zebrafish Leukemia Models. <i>Blood</i> , 2015, 126, 2459-2459.	1.4	5
31	Zebrafish Xenografts for the In Vivo Analysis of Healthy and Malignant Human Hematopoietic Cells. <i>Methods in Molecular Biology</i> , 2019, 2017, 205-217.	0.9	4
32	Absence of NKG2D Ligands Defines Human Acute Myeloid Leukaemia Stem Cells and Mediates Their Immune Evasion. <i>Blood</i> , 2018, 132, 769-769.	1.4	2
33	Mutation-Specific Dose Reduction in Functional SRP54 Protein Causes Isolated or Syndromic Neutropenia with Shwachman-Diamond-like Features. <i>Blood</i> , 2018, 132, 1300-1300.	1.4	1
34	Two Flow Cytometric Approaches of NKG2D Ligand Surface Detection to Distinguish Stem Cells from Bulk Subpopulations in Acute Myeloid Leukemia. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
35	Multiple Roles for the Zebrafish Homologue of the Murine Evi1 Gene during Primitive Myelopoiesis and HSC Development. <i>Blood</i> , 2014, 124, 2901-2901.	1.4	0
36	Molecular Risk Stratification Predicts Engraftment Latency of Human Acute Myeloid Leukemia Cells Transplanted in NOD/SCID/IL-2Rgc-Null Mice. <i>Blood</i> , 2016, 128, 2867-2867.	1.4	0

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37	Catecholamine Exposure Accelerates In Vivo Leukemogenesis in Acute Myeloid Leukemia Patient Derived Xenografts. Blood, 2018, 132, 1475-1475.	1.4	0
38	Investigation of Homing Capacity As Prognostic Marker in Human Acute Myeloid Leukemia. Blood, 2019, 134, 2701-2701.	1.4	0
39	Mutation-Specific Dominant Negative Effects Determine the Phenotype in SRP54 Deficiency. Blood, 2019, 134, 437-437.	1.4	0
40	Night Transplantation and Catecholamine Exposure Accelerates In Vivo Leukemia Development By Enhancing Bone Marrow Homing Capacity in Leukemic Cells. Blood, 2019, 134, 1446-1446.	1.4	0