

# Stefan H Stricker

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,720  
citations

361296

20  
h-index

360920

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

5329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glioma Stem Cell Lines Expanded in Adherent Culture Have Tumor-Specific Phenotypes and Are Suitable for Chemical and Genetic Screens. <i>Cell Stem Cell</i> , 2009, 4, 568-580.	5.2	881
2	<i>Air</i> Transcriptional Overlap, But Not Its lncRNA Products, Induces Imprinted <i>Igf2r</i> Silencing. <i>Science</i> , 2012, 338, 1469-1472.	6.0	476
3	From profiles to function in epigenomics. <i>Nature Reviews Genetics</i> , 2017, 18, 51-66.	7.7	233
4	The imprinted <i>Air</i> ncRNA is an atypical RNAPII transcript that evades splicing and escapes nuclear export. <i>EMBO Journal</i> , 2006, 25, 3565-3575.	3.5	141
5	Widespread resetting of DNA methylation in glioblastoma-initiating cells suppresses malignant cellular behavior in a lineage-dependent manner. <i>Genes and Development</i> , 2013, 27, 654-669.	2.7	121
6	Glioblastoma Stem Cells Respond to Differentiation Cues but Fail to Undergo Commitment and Terminal Cell-Cycle Arrest. <i>Stem Cell Reports</i> , 2015, 5, 829-842.	2.3	93
7	The <i>Air</i> Noncoding RNA: An Imprinted cis-silencing Transcript. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2004, 69, 55-66.	2.0	64
8	DNA-Methylation: Master or Slave of Neural Fate Decisions?. <i>Frontiers in Neuroscience</i> , 2018, 12, 5.	1.4	59
9	An in vitro ES cell imprinting model shows that imprinted expression of the <i>Igf2r</i> gene arises from an allele-specific expression bias. <i>Development (Cambridge)</i> , 2009, 136, 437-448.	1.2	58
10	Targeted removal of epigenetic barriers during transcriptional reprogramming. <i>Nature Communications</i> , 2019, 10, 2119.	5.8	58
11	Selfish mutations dysregulating RAS-MAPK signaling are pervasive in aged human testes. <i>Genome Research</i> , 2018, 28, 1779-1790.	2.4	56
12	A High-Content Small Molecule Screen Identifies Sensitivity of Glioblastoma Stem Cells to Inhibition of Polo-Like Kinase 1. <i>PLoS ONE</i> , 2013, 8, e77053.	1.1	53
13	Choroid plexus-derived miR-204 regulates the number of quiescent neural stem cells in the adult brain. <i>EMBO Journal</i> , 2019, 38, e100481.	3.5	52
14	Digital transcriptome profiling of normal and glioblastoma-derived neural stem cells identifies genes associated with patient survival. <i>Genome Medicine</i> , 2012, 4, 76.	3.6	48
15	CRISPR-Mediated Induction of Neuron-Enriched Mitochondrial Proteins Boosts Direct Glia-to-Neuron Conversion. <i>Cell Stem Cell</i> , 2021, 28, 524-534.e7.	5.2	39
16	Silencing and transcriptional properties of the imprinted <i>Air</i> ncRNA are independent of the endogenous promoter. <i>EMBO Journal</i> , 2008, 27, 3116-3128.	3.5	35
17	The Aryl Hydrocarbon Receptor Pathway Defines the Time Frame for Restorative Neurogenesis. <i>Cell Reports</i> , 2018, 25, 3241-3251.e5.	2.9	34
18	Long-range DNase I hypersensitivity mapping reveals the imprinted <i>Igf2r</i> and <i>Air</i> promoters share cis-regulatory elements. <i>Genome Research</i> , 2005, 15, 1379-1387.	2.4	29

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19	One step generation of customizable gRNA vectors for multiplex CRISPR approaches through string assembly gRNA cloning (STAgR). PLoS ONE, 2018, 13, e0196015.	1.1	27
20	P-GAP-43 Is Enriched in Horizontal Cell Divisions throughout Rat Cortical Development. Cerebral Cortex, 2006, 16, i121-i131.	1.6	21
21	Brave new epigenomes: the dawn of epigenetic engineering. Genome Medicine, 2015, 7, 59.	3.6	20
22	A Downstream CpG Island Controls Transcript Initiation and Elongation and the Methylation State of the Imprinted Airn Macro ncRNA Promoter. PLoS Genetics, 2012, 8, e1002540.	1.5	18
23	Inactivation of the ATMIN/ATM pathway protects against glioblastoma formation. ELife, 2016, 5, .	2.8	17
24	Reprogramming cancer cells to pluripotency. Epigenetics, 2014, 9, 798-802.	1.3	16
25	CORALINA: a universal method for the generation of gRNA libraries for CRISPR-based screening. BMC Genomics, 2016, 17, 917.	1.2	16
26	Go with the flow: signaling from the ventricle directs neuroblast migration. Nature Neuroscience, 2006, 9, 470-472.	7.1	13
27	CRISPR Tools for Physiology and Cell State Changes: Potential of Transcriptional Engineering and Epigenome Editing. Physiological Reviews, 2021, 101, 177-211.	13.1	13
28	Epigenetic regulation of neural lineage elaboration: Implications for therapeutic reprogramming. Neurobiology of Disease, 2021, 148, 105174.	2.1	8
29	A Shore Sign of Reprogramming. Cell Stem Cell, 2009, 5, 571-572.	5.2	7
30	Entering the post-epigenomic age: back to epigenetics. Open Biology, 2018, 8, 180013.	1.5	5
31	Innate Immune Pathways Promote Oligodendrocyte Progenitor Cell Recruitment to the Injury Site in Adult Zebrafish Brain. Cells, 2022, 11, 520.	1.8	4
32	A Universal Protocol for Large-scale gRNA Library Production from any DNA Source. Journal of Visualized Experiments, 2017, , .	0.2	2
33	A Customizable Protocol for String Assembly gRNA Cloning (STAgR). Journal of Visualized Experiments, 2018, , .	0.2	1
34	Seeking fateâ€”CRISPRa screens reveal new neural lineage and reprogramming factors. Stem Cell Investigation, 2019, 6, 30-30.	1.3	1
35	Glucose-Regulated TET2 Activity Links Cancer to Diabetes. Trends in Cancer, 2019, 5, 5-7.	3.8	1
36	Editorial overview: Fluidity of cell fates â€” from reprogramming to repair. Current Opinion in Genetics and Development, 2021, 70, iii-v.	1.5	0