

Adrian Salic

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,473
citations

759233

12
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

6782
citing authors

#	ARTICLE	IF	CITATIONS
1	A chemical method for fast and sensitive detection of DNA synthesis <i>in vivo</i> . Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2415-2420.	7.1	1,556
2	Haematopoietic stem cells require a highly regulated protein synthesis rate. Nature, 2014, 509, 49-54.	27.8	522
3	A mechanism for vertebrate Hedgehog signaling: recruitment to cilia and dissociation of SuFu-Gli protein complexes. Journal of Cell Biology, 2010, 191, 415-428.	5.2	333
4	Cellular Cholesterol Directly Activates Smoothed in Hedgehog Signaling. Cell, 2016, 166, 1176-1187.e14.	28.9	294
5	Oxysterol binding to the extracellular domain of Smoothed in Hedgehog signaling. Nature Chemical Biology, 2013, 9, 557-564.	8.0	186
6	Physiological regulation of β -catenin stability by Tcf3 and CK1 μ . Journal of Cell Biology, 2001, 154, 983-994.	5.2	142
7	Structural Basis of Smoothed Activation in Hedgehog Signaling. Cell, 2018, 174, 312-324.e16.	28.9	137
8	Mechanism of inhibition of the tumor suppressor Patched by Sonic Hedgehog. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5866-E5875.	7.1	78
9	Sending and Receiving Hedgehog Signals. Annual Review of Cell and Developmental Biology, 2017, 33, 145-168.	9.4	61
10	Hedgehog Pathway Activation Requires Coreceptor-Catalyzed, Lipid-Dependent Relay of the Sonic Hedgehog Ligand. Developmental Cell, 2020, 55, 450-467.e8.	7.0	44
11	Distinct Cation Gradients Power Cholesterol Transport at Different Key Points in the Hedgehog Signaling Pathway. Developmental Cell, 2020, 55, 314-327.e7.	7.0	41
12	DyNAVectors: dynamic constitutional vectors for adaptive DNA transfection. Chemical Communications, 2015, 51, 17529-17531.	4.1	29
13	Structural basis for catalyzed assembly of the Sonic hedgehog-Patched1 signaling complex. Developmental Cell, 2022, 57, 670-685.e8.	7.0	13
14	Structural insights into proteolytic activation of the human Dispatched1 transporter for Hedgehog morphogen release. Nature Communications, 2021, 12, 6966.	12.8	9
15	Identification of a Paralog-Specific Notch1 Intracellular Domain Degron. Cell Reports, 2016, 15, 1920-1929.	6.4	8
16	Mechanism and ultrasensitivity in Hedgehog signaling revealed by Patched1 disease mutations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
17	Hedgehog pathway modulation by glypican 3-conjugated heparan sulfate. Journal of Cell Science, 2022, 135, .	2.0	8
18	Activation of Hedgehog signaling by the oncogenic RELA fusion reveals a primary cilia-dependent vulnerability in supratentorial ependymoma. Neuro-Oncology, 2023, 25, 185-198.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Lipids and Hedgehogs. FASEB Journal, 2021, 35, .	0.5	0
20	Click catalyzed nucleic acid labeling as a novel replacement for the BrdU antibody based cell proliferation assay. FASEB Journal, 2007, 21, A289.	0.5	0
21	Towards a chemical anatomy: new tools to image biological molecules in cells and in tissues. FASEB Journal, 2010, 24, 65.1.	0.5	0
22	Hedgehogs and Lipids. FASEB Journal, 2015, 29, 90.3.	0.5	0
23	Lipids and Hedgehogs. FASEB Journal, 2020, 34, 1-1.	0.5	0