

# Adrian Salic

## List of Publications by Year in descending order

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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	Activation of Hedgehog signaling by the oncogenic RELA fusion reveals a primary cilia-dependent vulnerability in supratentorial ependymoma. <i>Neuro-Oncology</i> , 2023, 25, 185-198.	1.2	4
2	Hedgehog pathway modulation by glypican 3-conjugated heparan sulfate. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	8
3	Structural basis for catalyzed assembly of the Sonic hedgehogâ€Patched1 signaling complex. <i>Developmental Cell</i> , 2022, 57, 670-685.e8.	7.0	13
4	Mechanism and ultrasensitivity in Hedgehog signaling revealed by Patched1 disease mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
5	Lipids and Hedgehogs. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
6	Structural insights into proteolytic activation of the human Dispatched1 transporter for Hedgehog morphogen release. <i>Nature Communications</i> , 2021, 12, 6966.	12.8	9
7	Distinct Cation Gradients Power Cholesterol Transport at Different Key Points in the Hedgehog Signaling Pathway. <i>Developmental Cell</i> , 2020, 55, 314-327.e7.	7.0	41
8	Hedgehog Pathway Activation Requires Coreceptor-Catalyzed, Lipid-Dependent Relay of the Sonic Hedgehog Ligand. <i>Developmental Cell</i> , 2020, 55, 450-467.e8.	7.0	44
9	Lipids and Hedgehogs. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
10	Structural Basis of Smoothened Activation in Hedgehog Signaling. <i>Cell</i> , 2018, 174, 312-324.e16.	28.9	137
11	Sending and Receiving Hedgehog Signals. <i>Annual Review of Cell and Developmental Biology</i> , 2017, 33, 145-168.	9.4	61
12	Cellular Cholesterol Directly Activates Smoothened in Hedgehog Signaling. <i>Cell</i> , 2016, 166, 1176-1187.e14.	28.9	294
13	Mechanism of inhibition of the tumor suppressor Patched by Sonic Hedgehog. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5866-E5875.	7.1	78
14	Identification of a Paralog-Specific Notch1 Intracellular Domain Degron. <i>Cell Reports</i> , 2016, 15, 1920-1929.	6.4	8
15	DyNAVectors: dynamic constitutional vectors for adaptive DNA transfection. <i>Chemical Communications</i> , 2015, 51, 17529-17531.	4.1	29
16	Hedgehogs and Lipids. <i>FASEB Journal</i> , 2015, 29, 90.3.	0.5	0
17	Haematopoietic stem cells require a highly regulated protein synthesis rate. <i>Nature</i> , 2014, 509, 49-54.	27.8	522
18	Oxysterol binding to the extracellular domain of Smoothened in Hedgehog signaling. <i>Nature Chemical Biology</i> , 2013, 9, 557-564.	8.0	186

#	ARTICLE	IF	CITATIONS
19	A mechanism for vertebrate Hedgehog signaling: recruitment to cilia and dissociation of SuFu–Gli protein complexes. <i>Journal of Cell Biology</i> , 2010, 191, 415-428.	5.2	333
20	Towards a chemical anatomy: new tools to image biological molecules in cells and in tissues. <i>FASEB Journal</i> , 2010, 24, 65.1.	0.5	0
21	A chemical method for fast and sensitive detection of DNA synthesis <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2415-2420.	7.1	1,556
22	Click catalyzed nucleic acid labeling as a novel replacement for the BrdU antibody based cell proliferation assay. <i>FASEB Journal</i> , 2007, 21, A289.	0.5	0
23	Physiological regulation of $\beta$ -catenin stability by Tcf3 and CK1 $\mu$ . <i>Journal of Cell Biology</i> , 2001, 154, 983-994.	5.2	142