

# Andrei V Budanov

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

4,506  
citations

430874

18  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

6753  
citing authors

#	ARTICLE	IF	CITATIONS
1	p53 Target Genes Sestrin1 and Sestrin2 Connect Genotoxic Stress and mTOR Signaling. <i>Cell</i> , 2008, 134, 451-460.	28.9	1,166
2	Regeneration of Peroxiredoxins by p53-Regulated Sestrins, Homologs of Bacterial AhpD. <i>Science</i> , 2004, 304, 596-600.	12.6	688
3	Sestrin as a Feedback Inhibitor of TOR That Prevents Age-Related Pathologies. <i>Science</i> , 2010, 327, 1223-1228.	12.6	512
4	Identification of a novel stress-responsive gene Hi95 involved in regulation of cell viability. <i>Oncogene</i> , 2002, 21, 6017-6031.	5.9	333
5	Sestrins Orchestrate Cellular Metabolism to Attenuate Aging. <i>Cell Metabolism</i> , 2013, 18, 792-801.	16.2	279
6	Sestrins Inhibit mTORC1 Kinase Activation through the GATOR Complex. <i>Cell Reports</i> , 2014, 9, 1281-1291.	6.4	273
7	Maintenance of Metabolic Homeostasis by Sestrin2 and Sestrin3. <i>Cell Metabolism</i> , 2012, 16, 311-321.	16.2	242
8	Stressin! Sestrins take an aging fight. <i>EMBO Molecular Medicine</i> , 2010, 2, 388-400.	6.9	189
9	Stress-Responsive Sestrins Link p53 with Redox Regulation and Mammalian Target of Rapamycin Signaling. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1679-1690.	5.4	166
10	Sestrin2 promotes LKB1-mediated AMPK activation in the ischemic heart. <i>FASEB Journal</i> , 2015, 29, 408-417.	0.5	143
11	The Role of Tumor Suppressor p53 in the Antioxidant Defense and Metabolism. <i>Sub-Cellular Biochemistry</i> , 2014, 85, 337-358.	2.4	112
12	Sestrin prevents atrophy of disused and aging muscles by integrating anabolic and catabolic signals. <i>Nature Communications</i> , 2020, 11, 189.	12.8	87
13	Sestrin2 is induced by glucose starvation via the unfolded protein response and protects cells from non-canonical necroptotic cell death. <i>Scientific Reports</i> , 2016, 6, 22538.	3.3	85
14	Genetic and epigenetic inactivation of <i>SESTRIN1</i> controls mTORC1 and response to EZH2 inhibition in follicular lymphoma. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	52
15	Sestrin2 Protein Positively Regulates AKT Enzyme Signaling and Survival in Human Squamous Cell Carcinoma and Melanoma Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 35806-35814.	3.4	44
16	Sestrin2 facilitates death receptor-induced apoptosis in lung adenocarcinoma cells through regulation of XIAP degradation. <i>Cell Cycle</i> , 2015, 14, 3231-3241.	2.6	35
17	Implication of KRT16, FAM129A and HKDC1 genes as ATF4 regulated components of the integrated stress response. <i>PLoS ONE</i> , 2018, 13, e0191107.	2.5	27
18	Mitochondrial localization of SESN2. <i>PLoS ONE</i> , 2020, 15, e0226862.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Sestrin-2 is significantly increased in malignant pleural effusions due to lung cancer and is potentially secreted by pleural mesothelial cells. <i>Clinical Biochemistry</i> , 2016, 49, 726-728.	1.9	16
20	Sestrin family – the stem controlling healthy ageing. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111379.	4.6	15
21	p53-inducible SESTRINs might play opposite roles in the regulation of early and late stages of lung carcinogenesis. <i>Oncotarget</i> , 2019, 10, 6997-7009.	1.8	15
22	SESTRINs regulate mTORC1 via RAGs: The riddle of GATOR. <i>Molecular and Cellular Oncology</i> , 2015, 2, e997113.	0.7	8