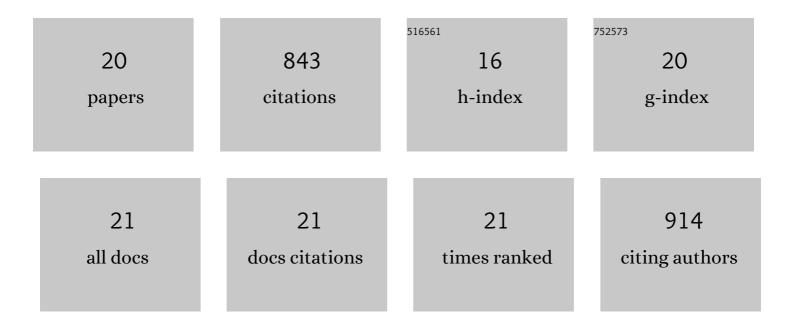
Petr Solc

List of Publications by Year in descending order

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DETR SOLC

#	Article	IF	CITATIONS
1	CDC25B is required for the metaphase I-metaphase II transition in mouse oocytes. Journal of Cell Science, 2022, 135, .	1.2	3
2	Aurora kinase A is essential for meiosis in mouse oocytes. PLoS Genetics, 2021, 17, e1009327.	1.5	35
3	Ran <scp>GTP</scp> and importin β regulate meiosis I spindle assembly and function in mouse oocytes. EMBO Journal, 2020, 39, e101689.	3.5	31
4	The most abundant maternal lncRNA Sirena1 acts post-transcriptionally and impacts mitochondrial distribution. Nucleic Acids Research, 2020, 48, 3211-3227.	6.5	25
5	Genetic Interactions between the Aurora Kinases Reveal New Requirements for AURKB and AURKC during Oocyte Meiosis. Current Biology, 2018, 28, 3458-3468.e5.	1.8	49
6	Triple-Color Live Imaging of Mouse Oocytes. Methods in Molecular Biology, 2018, 1818, 89-97.	0.4	1
7	Aurora kinase A is essential for correct chromosome segregation in mouse zygote. Zygote, 2016, 24, 326-337.	0.5	15
8	Haspin kinase regulates microtubule-organizing center clustering and stability through Aurora kinase C in mouse oocytes. Journal of Cell Science, 2016, 129, 3648-3660.	1.2	46
9	PLK1 regulates spindle formation kinetics and APC/C activation in mouse zygote. Zygote, 2016, 24, 338-345.	0.5	15
10	DNA damage response during mouse oocyte maturation. Cell Cycle, 2016, 15, 546-558.	1.3	41
11	Multiple Requirements of PLK1 during Mouse Oocyte Maturation. PLoS ONE, 2015, 10, e0116783.	1.1	75
12	An oocyte-specific ELAVL2 isoform is a translational repressor ablated from meiotically competent antral oocytes. Cell Cycle, 2014, 13, 1187-1200.	1.3	20
13	Polo-like kinase 1 is essential for the first mitotic division in the mouse embryo. Molecular Reproduction and Development, 2013, 80, 522-534.	1.0	22
14	Aurora Kinase A Drives MTOC Biogenesis but Does Not Trigger Resumption of Meiosis in Mouse Oocytes Matured In Vivo1. Biology of Reproduction, 2012, 87, 85.	1.2	36
15	The Role of RanGTP Gradient in Vertebrate Oocyte Maturation. Results and Problems in Cell Differentiation, 2011, 53, 235-267.	0.2	18
16	Prophase I arrest and progression to metaphase I in mouse oocytes: comparison of resumption of meiosis and recovery from G2-arrest in somatic cells. Molecular Human Reproduction, 2010, 16, 654-664.	1.3	116
17	AKT (protein kinase B) is implicated in meiotic maturation of porcine oocytes. Reproduction, 2009, 138, 645-654.	1.1	39
18	CDC25A phosphatase controls meiosis I progression in mouse oocytes. Developmental Biology, 2008, 317, 260-269.	0.9	66

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#	Article	IF	CITATIONS
19	Aurora kinase A controls meiosis I progression in mouse oocytes. Cell Cycle, 2008, 7, 2368-2376.	1.3	99
20	PKB/AKT is involved in resumption of meiosis in mouse oocytes. Biology of the Cell, 2006, 98, 111-123.	0.7	89