

# Natasa Sebkova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2796770/publications.pdf>

Version: 2024-02-01

14  
papers

521  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Horizontal transfer of whole mitochondria restores tumorigenic potential in mitochondrial DNA-deficient cancer cells. <i>ELife</i> , 2017, 6, .	6.0	205
2	Cytoskeleton localization in the sperm head prior to fertilization. <i>Reproduction</i> , 2005, 130, 61-69.	2.6	71
3	Sperm-Egg Fusion: A Molecular Enigma of Mammalian Reproduction. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10652-10668.	4.1	53
4	The slower the better: how sperm capacitation and acrosome reaction is modified in the presence of estrogens. <i>Reproduction</i> , 2012, 143, 297-307.	2.6	30
5	Progress of sperm IZUMO1 relocation during spontaneous acrosome reaction. <i>Reproduction</i> , 2014, 147, 231-240.	2.6	27
6	Characterization of CD46 and $\beta$ 1 integrin dynamics during sperm acrosome reaction. <i>Scientific Reports</i> , 2016, 6, 33714.	3.3	26
7	Preparation of <i>Xenopus tropicalis</i> whole chromosome painting probes using laser microdissection and reconstruction of <i>X. laevis</i> tetraploid karyotype by Zoo-FISH. <i>Chromosome Research</i> , 2010, 18, 431-439.	2.2	25
8	In vivo exposure to $17\beta$ -estradiol triggers premature sperm capacitation in cauda epididymis. <i>Reproduction</i> , 2013, 145, 255-263.	2.6	22
9	Characterization of tetraspanin protein CD81 in mouse spermatozoa and bovine gametes. <i>Reproduction</i> , 2016, 152, 785-793.	2.6	18
10	Addressing the Compartmentalization of Specific Integrin Heterodimers in Mouse Sperm. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1004.	4.1	13
11	New Insight into Sperm Capacitation: A Novel Mechanism of $17\beta$ -Estradiol Signalling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4011.	4.1	10
12	Genetic analysis of clinical mastitis data for Holstein cattle in the Czech Republic. <i>Archives Animal Breeding</i> , 2015, 58, 199-204.	1.4	4
13	Kinetic analysis of decreased sperm fertilizing ability by fluorides and fluoroaluminates: a tool for analyzing the effect of environmental substances on biological events. <i>European Biophysics Journal</i> , 2016, 45, 71-79.	2.2	3
14	Kinetic Model of the Action of $17\beta$ -Ethinylestradiol on the Capacitation of Mouse Sperm, Monitored by HPLC-MS/MS. <i>Catalysts</i> , 2020, 10, 124.	3.5	3