

# Marketa Tomkova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1961530/publications.pdf>

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1544  
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#	ARTICLE	IF	CITATIONS
1	Transforming machine translation: a deep learning system reaches news translation quality comparable to human professionals. <i>Nature Communications</i> , 2020, 11, 4381.	12.8	128
2	The polymorphic variant rs1800734 influences methylation acquisition and allele-specific TFAP4 binding in the MLH1 promoter leading to differential mRNA expression. <i>Scientific Reports</i> , 2019, 9, 13463.	3.3	6
3	Î <sup>2</sup> -Adrenergic Receptor Stimulation and Alternans in the Border Zone of a Healed Infarct: An ex vivo Study and Computational Investigation of Arrhythmogenesis. <i>Frontiers in Physiology</i> , 2019, 10, 350.	2.8	24
4	Bisulfite-free direct detection of 5-methylcytosine and 5-hydroxymethylcytosine at base resolution. <i>Nature Biotechnology</i> , 2019, 37, 424-429.	17.5	267
5	Quality of life and depression in adults with repaired complex cyanotic congenital heart disease in the Czech Republic. <i>Cor Et Vasa</i> , 2019, 61, 32-41.	0.1	0
6	DNA Replication and associated repair pathways are involved in the mutagenesis of methylated cytosine. <i>DNA Repair</i> , 2018, 62, 1-7.	2.8	25
7	Modulation of Cardiac Alternans by Altered Sarcoplasmic Reticulum Calcium Release: A Simulation Study. <i>Frontiers in Physiology</i> , 2018, 9, 1306.	2.8	16
8	Mutational signature distribution varies with DNA replication timing and strand asymmetry. <i>Genome Biology</i> , 2018, 19, 129.	8.8	99
9	DNA Modifications: Naturally More Error Prone?. <i>Trends in Genetics</i> , 2018, 34, 627-638.	6.7	31
10	NT-proBNP predicts mortality in adults with transposition of the great arteries late after Mustard or Senning correction. <i>Congenital Heart Disease</i> , 2017, 12, 448-457.	0.2	12
11	Expression of Idh1R132H in the Murine Subventricular Zone Stem Cell Niche Recapitulates Features of Early Gliomagenesis. <i>Cancer Cell</i> , 2016, 30, 578-594.	16.8	122
12	Operations of adults with congenital heart disease - Single center experience with 10-year results. <i>Cor Et Vasa</i> , 2016, 58, e317-e327.	0.1	3
13	5-hydroxymethylcytosine marks regions with reduced mutation frequency in human DNA. <i>ELife</i> , 2016, 5, .	6.0	28
14	Usefulness of N-Terminal Pro-Brain Natriuretic Peptide to Predict Mortality in Adults With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2015, 116, 1425-1430.	1.6	28
15	Formation and disruption of tonotopy in a large-scale model of the auditory cortex. <i>Journal of Computational Neuroscience</i> , 2015, 39, 131-153.	1.0	4