

# Matko Glunčić

## List of Publications by Year in descending order

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16  
papers

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#	ARTICLE	IF	CITATIONS
1	Global Repeat Map (GRM): Advantageous Method for Discovery of Largest Higher-Order Repeats (HORs) in Neuroblastoma Breakpoint Family (NBPF) Genes, in Hornerin Exon and in Chromosome 21 Centromere. <i>Progress in Molecular and Subcellular Biology</i> , 2021, 60, 203-234.	1.6	1
2	Discovery of 33mer in chromosome 21 – the largest alpha satellite higher order repeat unit among all human somatic chromosomes. <i>Scientific Reports</i> , 2019, 9, 12629.	3.3	9
3	Regular higher order repeat structures in beetle <i>Tribolium castaneum</i> genome. <i>Genome Biology and Evolution</i> , 2017, 9, evw174.	2.5	19
4	Trinucleotide’s quadruplet symmetries and natural symmetry law of DNA creation ensuing Chargaff’s second parity rule. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 1383-1394.	3.5	11
5	Fundamental role of start/stop regulators in whole DNA and new trinucleotide classification. <i>Gene</i> , 2013, 531, 184-190.	2.2	8
6	Start/stop codon like trinucleotides extensions in primate alpha satellites. <i>Journal of Theoretical Biology</i> , 2013, 317, 301-309.	1.7	5
7	Direct mapping of symbolic DNA sequence into frequency domain in global repeat map algorithm. <i>Nucleic Acids Research</i> , 2013, 41, e17-e17.	14.5	24
8	Intragenic Higher Order Repeats in Neuroblastoma BreakPoint Family Genes Distinguish Humans from Chimpanzees. <i>Molecular Biology and Evolution</i> , 2011, 28, 1877-1892.	8.9	19
9	Large Tandem, Higher Order Repeats and Regularly Dispersed Repeat Units Contribute Substantially to Divergence Between Human and Chimpanzee Y Chromosomes. <i>Journal of Molecular Evolution</i> , 2011, 72, 34-55.	1.8	13
10	Start/stop Codon-like Trinucleotides (CLTs) and Extended Clusters as New Language of DNA. <i>Croatica Chemica Acta</i> , 2011, 84, 331-341.	0.4	3
11	The role of alphoid higher order repeats (HORs) in the centromere folding. <i>Journal of Theoretical Biology</i> , 2008, 254, 555-560.	1.7	5
12	Hierarchical structure of cascade of primary and secondary periodicities in Fourier power spectrum of alphoid higher order repeats. <i>BMC Bioinformatics</i> , 2008, 9, 466.	2.6	16
13	Consensus Higher Order Repeats and Frequency of String Distributions in Human Genome. <i>Current Genomics</i> , 2007, 8, 93-111.	1.6	14
14	CENP-B box and p1± sequence distribution in human alpha satellite higher-order repeats (HOR). <i>Chromosome Research</i> , 2006, 14, 735-753.	2.2	39
15	ColorHOR–novel graphical algorithm for fast scan of alpha satellite higher-order repeats and HOR annotation for GenBank sequence of human genome. <i>Bioinformatics</i> , 2005, 21, 846-852.	4.1	24
16	Key-string algorithm–novel approach to computational analysis of repetitive sequences in human centromeric DNA. <i>Croatian Medical Journal</i> , 2003, 44, 386-406.	0.7	8