

# Tadeusz Janas

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

942  
citations

687220

13  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of RNA loading into exosomes. <i>FEBS Letters</i> , 2015, 589, 1391-1398.	1.3	325
2	Exosomes and other extracellular vesicles in neural cells and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1139-1151.	1.4	170
3	Specific RNA binding to ordered phospholipid bilayers. <i>Nucleic Acids Research</i> , 2006, 34, 2128-2136.	6.5	99
4	Visualization of membrane RNAs. <i>Rna</i> , 2003, 9, 1353-1361.	1.6	50
5	A membrane transporter for tryptophan composed of RNA. <i>Rna</i> , 2004, 10, 1541-1549.	1.6	45
6	Membrane oligo- and polysialic acids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2923-2932.	1.4	39
7	Human tRNA <sup>Sec</sup> associates with HeLa membranes, cell lipid liposomes, and synthetic lipid bilayers. <i>Rna</i> , 2012, 18, 2260-2268.	1.6	35
8	The selection of aptamers specific for membrane molecular targets. <i>Cellular and Molecular Biology Letters</i> , 2011, 16, 25-39.	2.7	31
9	Voltammetric analysis of polyisoprenoid-containing bilayer lipid membranes. <i>Chemistry and Physics of Lipids</i> , 1989, 51, 227-238.	1.5	18
10	Selection of Membrane RNA Aptamers to Amyloid Beta Peptide: Implications for Exosome-Based Antioxidant Strategies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 299.	1.8	15
11	Binding of RNA Aptamers to Membrane Lipid Rafts: Implications for Exosomal miRNAs Transfer from Cancer to Immune Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8503.	1.8	15
12	Polysialic acid can mediate membrane interactions by interacting with phospholipids. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 286-291.	1.5	14
13	The effect of long-chain bases on polysialic acid-mediated membrane interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2322-2326.	1.4	13
14	Polysialic acid chains exhibit enhanced affinity for ordered regions of membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 245-255.	1.4	13
15	Role of RNA Motifs in RNA Interaction with Membrane Lipid Rafts: Implications for Therapeutic Applications of Exosomal RNAs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9416.	1.8	13
16	Membrane potential-dependent binding of polysialic acid to lipid monolayers and bilayers. <i>Cellular and Molecular Biology Letters</i> , 2013, 18, 579-94.	2.7	12
17	Exosome-associated polysialic acid modulates membrane potentials, membrane thermotropic properties, and raft-dependent interactions between vesicles. <i>FEBS Letters</i> , 2020, 594, 1685-1697.	1.3	10
18	Membrane transport of polysialic acid chains: modulation of transmembrane potential. <i>European Biophysics Journal</i> , 2000, 29, 507-514.	1.2	9

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19	Electromigration of polyanion homopolymers across biomembranes: a biophysical model. <i>Biophysical Chemistry</i> , 2000, 87, 167-178.	1.5	7
20	Cholera Toxin Subunit B for Sensitive and Rapid Determination of Exosomes by Gel Filtration. <i>Membranes</i> , 2020, 10, 172.	1.4	6
21	Specific binding of VegT mRNA localization signal to membranes in <i>Xenopus</i> oocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118952.	1.9	2
22	Biophysical Characterization of Polysialic Acid Membrane Nanosystems. <i>Series in Bioengineering</i> , 2019, , 365-396.	0.3	1