

# Naglis Malys

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,834  
citations

257101

24  
h-index

205818

48  
g-index

54  
all docs

54  
docs citations

54  
times ranked

4416  
citing authors

#	ARTICLE	IF	CITATIONS
1	A community-driven global reconstruction of human metabolism. <i>Nature Biotechnology</i> , 2013, 31, 419-425.	9.4	920
2	Comparative analysis of MCDM methods for the assessment of sustainable housing affordability. <i>Omega</i> , 2016, 59, 146-156.	3.6	350
3	A model of yeast glycolysis based on a consistent kinetic characterisation of all its enzymes. <i>FEBS Letters</i> , 2013, 587, 2832-2841.	1.3	113
4	High-quality housing – A key issue in delivering sustainable communities. <i>Building and Environment</i> , 2009, 44, 426-430.	3.0	98
5	Translation initiation: variations in the mechanism can be anticipated. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 991-1003.	2.4	85
6	Partition and Turnover of Glutathione Reductase from <i>Saccharomyces cerevisiae</i> : A Proteomic Approach. <i>Journal of Proteome Research</i> , 2013, 12, 2885-2894.	1.8	85
7	URBAN REGENERATION FOR SUSTAINABLE COMMUNITIES: A CASE STUDY. <i>Technological and Economic Development of Economy</i> , 2009, 15, 49-59.	2.3	77
8	What is the true enzyme kinetics in the biological system? An investigation of macromolecular crowding effect upon enzyme kinetics of glucose-6-phosphate dehydrogenase. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 388-392.	1.0	73
9	Absolute Quantification of the Glycolytic Pathway in Yeast. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.007633.	2.5	70
10	Advances and Prospects of Phenolic Acids Production, Biorefinery and Analysis. <i>Biomolecules</i> , 2020, 10, 874.	1.8	62
11	A Bipartite Bacteriophage T4 SOC and HOC Randomized Peptide Display Library: Detection and Analysis of Phage T4 Terminase (gp17) and Late $\sigma$ Factor (gp55) Interaction. <i>Journal of Molecular Biology</i> , 2002, 319, 289-304.	2.0	55
12	A Transcription Factor-Based Biosensor for Detection of Itaconic Acid. <i>ACS Synthetic Biology</i> , 2018, 7, 1436-1446.	1.9	51
13	A genome-wide approach for identification and characterisation of metabolite-inducible systems. <i>Nature Communications</i> , 2020, 11, 1213.	5.8	49
14	Dispersion of relative importance values contributes to the ranking uncertainty: Sensitivity analysis of Multiple Criteria Decision-Making methods. <i>Applied Soft Computing Journal</i> , 2018, 67, 286-298.	4.1	45
15	The 'scavenger' m7GpppX pyrophosphatase activity of Dcs1 modulates nutrient-induced responses in yeast. <i>Nucleic Acids Research</i> , 2004, 32, 3590-3600.	6.5	44
16	Characterisation of a 3-hydroxypropionic acid-inducible system from <i>Pseudomonas putida</i> for orthogonal gene expression control in <i>Escherichia coli</i> and <i>Cupriavidus necator</i> . <i>Scientific Reports</i> , 2017, 7, 1724.	1.6	41
17	Symbiotic and antibiotic interactions between gut commensal microbiota and host immune system. <i>Medicina (Lithuania)</i> , 2015, 51, 69-75.	0.8	40
18	Dcs2, a Novel Stress-induced Modulator of m7GpppX Pyrophosphatase Activity that Locates to P Bodies. <i>Journal of Molecular Biology</i> , 2006, 363, 370-382.	2.0	36



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37	COMMERCIAL LEISURE PROPERTY VALUATION: A COMPARISON OF THE CASE STUDIES IN UK AND LITHUANIA. International Journal of Strategic Property Management, 2010, 14, 35-48.	0.8	14
38	The pMTL70000 modular, plasmid vector series for strain engineering in Cupriavidus necator H16. Journal of Microbiological Methods, 2021, 189, 106323.	0.7	10
39	A rare type of overlapping genes in bacteriophage T4: gene 30.3 is completely embedded within gene 30.3 by one position downstream. Gene, 1997, 194, 157-162.	1.0	9
40	Design, cloning and characterization of transcription factor-based inducible gene expression systems. Methods in Enzymology, 2019, 621, 153-169.	0.4	9
41	Shine-Dalgarno sequence of bacteriophage T4: GAGG prevails in early genes. Molecular Biology Reports, 2012, 39, 33-39.	1.0	8
42	A sustainability assessment framework for the high street. Cities, 2022, 124, 103571.	2.7	8
43	Identification and characterization of L- and D-lactate-inducible systems from Escherichia coli MG1655, Cupriavidus necator H16 and Pseudomonas species. Scientific Reports, 2022, 12, 2123.	1.6	8
44	Protein Production in Saccharomyces cerevisiae for Systems Biology Studies. Methods in Enzymology, 2011, 500, 197-212.	0.4	6
45	Non-canonical RNA arrangement in T4 even phages: accommodated ribosome binding site at the gene 26 intercistronic junction. Molecular Microbiology, 2009, 73, 1115-1127.	1.2	4
46	Towards a Full Quantitative Description of Yeast Metabolism. Methods in Enzymology, 2011, 500, 215-231.	0.4	3
47	Challenges and Opportunities in Developing Sustainable Communities in the North West of England. Challenges, 2012, 3, 133-152.	0.9	3
48	Development and Characterization of Indole-Responsive Whole-Cell Biosensor Based on the Inducible Gene Expression System from Pseudomonas putida KT2440. International Journal of Molecular Sciences, 2022, 23, 4649.	1.8	2