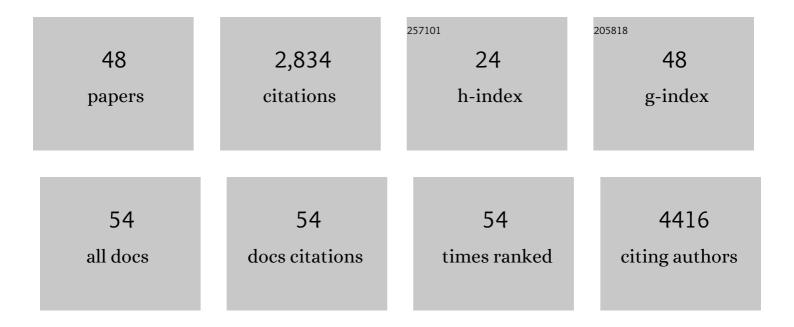
Naglis Malys

List of Publications by Year in descending order

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NACUS MALVS

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

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#	Article	IF	CITATIONS
19	Engineering Cupriavidus necator H16 for the autotrophic production of (R)-1,3-butanediol. Metabolic Engineering, 2021, 67, 262-276.	3.6	36
20	Functional Genetic Elements for Controlling Gene Expression in Cupriavidus necator H16. Applied and Environmental Microbiology, 2018, 84, .	1.4	34
21	13C-assisted metabolic flux analysis to investigate heterotrophic and mixotrophic metabolism in Cupriavidus necator H16. Metabolomics, 2018, 14, 9.	1.4	31
22	elF4E isoform 2 in Schizosaccharomyces pombe is a novel stressâ€response factor. EMBO Reports, 2004, 5, 311-316.	2.0	29
23	Post-transcriptional control of bacteriophage T4 gene 25 expression: mRNA secondary structure that enhances translational initiation. Journal of Molecular Biology, 1999, 288, 291-304.	2.0	28
24	Sustainable Communities: Affordable Housing and Socio-economic Relations. Local Economy, 2008, 23, 267-276.	0.8	28
25	Systematic integration of experimental data and models in systems biology. BMC Bioinformatics, 2010, 11, 582.	1.2	28
26	BROWNFIELD REGENERATION: WATERFRONT SITE DEVELOPMENTS IN LIVERPOOL AND COLOGNE / NAUDOTŲ TERITORIJŲ ATGAIVINIMAS: KRANTINIŲ APLINKOS GERINIMAS LIVERPULYJE IR KELNE / ÐЕГЕÐЕÐÐÐ ¦Ð"Д E Environmental Engineering and Landscape Management, 2012, 20, 5-16.)Ð ÐÐ ЕЕ {)~Ð 213 ŸÐžÐ>Ð
27	CLOSE-RANGE PHOTOGRAMMETRY ENABLES DOCUMENTATION OF ENVIRONMENT-INDUCED DEFORMATION OF ARCHITECTURAL HERITAGE. Environmental Engineering and Management Journal, 2015, 14, 1371-1381.	0.2	28
28	Chapter 22 Enzyme Kinetics and Computational Modeling for Systems Biology. Methods in Enzymology, 2009, 467, 583-599.	0.4	23
29	Decision support framework to rank and prioritise the potential land areas for comprehensive land consolidation. Land Use Policy, 2021, 100, 104908.	2.5	23
30	Characterisation of multiple substrate-specific (d)ITP/(d)XTPase and modelling of deaminated purine nucleotide metabolism. BMB Reports, 2012, 45, 259-264.	1.1	23
31	Housing Stakeholder Preferences for the "Soft―Features of Sustainable and Healthy Housing Design in the UK. International Journal of Environmental Research and Public Health, 2016, 13, 111.	1.2	22
32	Enzyme kinetics informatics: from instrument to browser. FEBS Journal, 2010, 277, 3769-3779.	2.2	20
33	Translation initiation events on structured eukaryotic mRNAs generate gene expression noise. Nucleic Acids Research, 2017, 45, 6981-6992.	6.5	18
34	Building a Kinetic Model of Trehalose Biosynthesis in Saccharomyces cerevisiae. Methods in Enzymology, 2011, 500, 355-370.	0.4	17
35	Bioproduction of <scp>l</scp> - and <scp>d</scp> -lactic acids: advances and trends in microbial strain application and engineering. Critical Reviews in Biotechnology, 2022, 42, 342-360.	5.1	17
36	Biosensor-informed engineering of Cupriavidus necator H16 for autotrophic D-mannitol production. Metabolic Engineering, 2022, 72, 24-34.	3.6	16

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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	Nonâ€canonical RNA arrangement in T4â€even phages: accommodated ribosome binding site at the gene <i>26â€25</i> 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