

# Pantelis G Bagos

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9543707/pantelis-g-bagos-publications-by-citations.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                    |                         |                |                 |
|--------------------|-------------------------|----------------|-----------------|
| 133<br>papers      | 4,139<br>citations      | 35<br>h-index  | 60<br>g-index   |
| 147<br>ext. papers | 4,927<br>ext. citations | 4.6<br>avg, IF | 5.79<br>L-index |

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 133 | Using graph theory to analyze biological networks. <i>BioData Mining</i> , <b>2011</b> , 4, 10   | 4.3  | 357       |
| 132 | PRED-TMBB: a web server for predicting the topology of beta-barrel outer membrane proteins. <i>Nucleic Acids Research</i> , <b>2004</b> , 32, W400-4   | 20.1 | 281       |
| 131 | Combined prediction of Tat and Sec signal peptides with hidden Markov models. <i>Bioinformatics</i> , <b>2010</b> , 26, 2811-7   | 7.2  | 165       |
| 130 | Antibody Tests in Detecting SARS-CoV-2 Infection: A Meta-Analysis. <i>Diagnostics</i> , <b>2020</b> , 10,  | 3.8  | 143       |
| 129 | Cytokine gene polymorphisms in periodontal disease: a meta-analysis of 53 studies including 4178 cases and 4590 controls. <i>Journal of Clinical Periodontology</i> , <b>2008</b> , 35, 754-67                       | 7.7  | 135       |
| 128 | A Hidden Markov Model method, capable of predicting and discriminating beta-barrel outer membrane proteins. <i>BMC Bioinformatics</i> , <b>2004</b> , 5, 29  | 3.6  | 131       |
| 127 | TMRPres2D: high quality visual representation of transmembrane protein models. <i>Bioinformatics</i> , <b>2004</b> , 20, 3258-60   | 7.2  | 110       |
| 126 | Prediction of lipoprotein signal peptides in Gram-positive bacteria with a Hidden Markov Model. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 5082-93   | 5.6  | 101       |
| 125 | Evaluation of methods for predicting the topology of beta-barrel outer membrane proteins and a consensus prediction method. <i>BMC Bioinformatics</i> , <b>2005</b> , 6, 7   | 3.6  | 99        |
| 124 | PredSL: a tool for the N-terminal sequence-based prediction of protein subcellular localization. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2006</b> , 4, 48-55   | 6.5  | 98        |
| 123 | Association between the plasminogen activator inhibitor-1 4G/5G polymorphism and venous thrombosis. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 97, 907-913  | 7    | 75        |
| 122 | Percutaneous coronary intervention versus optimal medical therapy for prevention of spontaneous myocardial infarction in subjects with stable ischemic heart disease. <i>Circulation</i> , <b>2013</b> , 127, 769-81 | 16.7 | 71        |
| 121 | The effect of the plasminogen activator inhibitor-1 4G/5G polymorphism on the thrombotic risk. <i>Thrombosis Research</i> , <b>2008</b> , 122, 736-42  | 8.2  | 70        |
| 120 | Prediction of signal peptides in archaea. <i>Protein Engineering, Design and Selection</i> , <b>2009</b> , 22, 27-35   | 1.9  | 66        |
| 119 | Bipartite graphs in systems biology and medicine: a survey of methods and applications. <i>GigaScience</i> , <b>2018</b> , 7, 1-31   | 7.6  | 64        |
| 118 | The variability and accurate assessment of microinflammation in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , <b>2004</b> , 19, 150-7   | 4.3  | 60        |
| 117 | Apolipoprotein E polymorphisms and type 2 diabetes: a meta-analysis of 30 studies including 5423 cases and 8197 controls. <i>Molecular Genetics and Metabolism</i> , <b>2010</b> , 100, 283-91                       | 3.7  | 57        |

|     |  |      |    |
|-----|--|------|----|
| 116 | Algorithms for incorporating prior topological information in HMMs: application to transmembrane proteins. <i>BMC Bioinformatics</i> , <b>2006</b> , 7, 189  | 3.6  | 57 |
| 115 | Bivariate genome-wide association meta-analysis of pediatric musculoskeletal traits reveals pleiotropic effects at the SREBF1/TOM1L2 locus. <i>Nature Communications</i> , <b>2017</b> , 8, 121                            | 17.4 | 52 |
| 114 | Methylene tetrahydrofolate reductase gene polymorphisms and their association with methotrexate toxicity: a meta-analysis. <i>Pharmacogenetics and Genomics</i> , <b>2012</b> , 22, 117-33                                 | 1.9  | 52 |
| 113 | OMPdb: a database of {beta}-barrel outer membrane proteins from Gram-negative bacteria. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, D324-31  | 20.1 | 49 |
| 112 | The GNB3 C825T polymorphism and essential hypertension: a meta-analysis of 34 studies including 14,094 cases and 17,760 controls. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 487-500                               | 1.9  | 49 |
| 111 | Chlamydia pneumoniae infection and the risk of multiple sclerosis: a meta-analysis. <i>Multiple Sclerosis Journal</i> , <b>2006</b> , 12, 397-411  | 5    | 49 |
| 110 | PRED-TMBB2: improved topology prediction and detection of beta-barrel outer membrane proteins. <i>Bioinformatics</i> , <b>2016</b> , 32, i665-i671   | 7.2  | 47 |
| 109 | A method for meta-analysis of case-control genetic association studies using logistic regression. <i>Statistical Applications in Genetics and Molecular Biology</i> , <b>2007</b> , 6, Article17                           | 1.2  | 44 |
| 108 | Polymorphisms of the insulin receptor and the insulin receptor substrates genes in polycystic ovary syndrome: a Mendelian randomization meta-analysis. <i>Molecular Genetics and Metabolism</i> , <b>2010</b> , 99, 174-83 | 3.7  | 42 |
| 107 | Phoenix 100 versus Vitek 2 in the identification of gram-positive and gram-negative bacteria: a comprehensive meta-analysis. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 3284-91                           | 9.7  | 42 |
| 106 | PRED-GPCR: GPCR recognition and family classification server. <i>Nucleic Acids Research</i> , <b>2004</b> , 32, W380-2   | 20.1 | 41 |
| 105 | Prediction of the coupling specificity of GPCRs to four families of G-proteins using hidden Markov models and artificial neural networks. <i>Bioinformatics</i> , <b>2005</b> , 21, 4101-6                                 | 7.2  | 41 |
| 104 | Emerging molecular networks common in ionizing radiation, immune and inflammatory responses by employing bioinformatics approaches. <i>Cancer Letters</i> , <b>2015</b> , 368, 164-72                                      | 9.9  | 40 |
| 103 | Integrin, alpha 2 gene C807T polymorphism and risk of ischemic stroke: a meta-analysis. <i>Thrombosis Research</i> , <b>2007</b> , 119, 501-10   | 8.2  | 39 |
| 102 | Can statin therapy reduce the risk of melanoma? A meta-analysis of randomized controlled trials. <i>European Journal of Epidemiology</i> , <b>2010</b> , 25, 29-35   | 12.1 | 38 |
| 101 | Improved strategies to counter the COVID-19 pandemic: Lockdowns vs. primary and community healthcare. <i>Toxicology Reports</i> , <b>2021</b> , 8, 1-9   | 4.8  | 38 |
| 100 | A method for the prediction of GPCRs coupling specificity to G-proteins using refined profile Hidden Markov Models. <i>BMC Bioinformatics</i> , <b>2005</b> , 6, 104   | 3.6  | 37 |
| 99  | Fcgamma receptor polymorphisms and their association with periodontal disease: a meta-analysis. <i>Journal of Clinical Periodontology</i> , <b>2010</b> , 37, 255-65   | 7.7  | 35 |

|    |   |      |    |
|----|---|------|----|
| 98 | A unification of multivariate methods for meta-analysis of genetic association studies. <i>Statistical Applications in Genetics and Molecular Biology</i> , <b>2008</b> , 7, Article31  | 1.2  | 34 |
| 97 | Mixed-Effects Poisson Regression Models for Meta-Analysis of Follow-Up Studies with Constant or Varying Durations. <i>International Journal of Biostatistics</i> , <b>2009</b> , 5,   | 1.3  | 33 |
| 96 | Are sample sizes clear and justified in RCTs published in dental journals?. <i>PLoS ONE</i> , <b>2014</b> , 9, e85949   | 3.7  | 33 |
| 95 | Generalized least squares for assessing trends in cumulative meta-analysis with applications in genetic epidemiology. <i>Journal of Clinical Epidemiology</i> , <b>2009</b> , 62, 1037-44   | 5.7  | 32 |
| 94 | Effect of early application of social distancing interventions on COVID-19 mortality over the first pandemic wave: An analysis of longitudinal data from 37 countries. <i>Journal of Infection</i> , <b>2021</b> , 82, 133-142                            | 18.9 | 32 |
| 93 | Molecular determinants of radiosensitivity in normal and tumor tissue: A bioinformatic approach. <i>Cancer Letters</i> , <b>2017</b> , 403, 37-47   | 9.9  | 31 |
| 92 | Use of fibrates and cancer risk: a systematic review and meta-analysis of 17 long-term randomized placebo-controlled trials. <i>PLoS ONE</i> , <b>2012</b> , 7, e45259  | 3.7  | 31 |
| 91 | A database for G proteins and their interaction with GPCRs. <i>BMC Bioinformatics</i> , <b>2004</b> , 5, 208  | 3.6  | 31 |
| 90 | A novel method for GPCR recognition and family classification from sequence alone using signatures derived from profile hidden Markov models. <i>SAR and QSAR in Environmental Research</i> , <b>2003</b> , 14, 413-20                                    | 3.5  | 31 |
| 89 | An approach for modelling multiple correlated outcomes in a network of interventions using odds ratios. <i>Statistics in Medicine</i> , <b>2014</b> , 33, 2275-87   | 2.3  | 30 |
| 88 | Plasminogen activator inhibitor-1 4G/5G polymorphism and risk of ischemic stroke: a meta-analysis. <i>Blood Coagulation and Fibrinolysis</i> , <b>2007</b> , 18, 497-504  | 1    | 30 |
| 87 | Unraveling the mechanisms of extreme radioresistance in prokaryotes: Lessons from nature. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2016</b> , 767, 92-107   | 7    | 28 |
| 86 | Genetic model selection in genome-wide association studies: robust methods and the use of meta-analysis. <i>Statistical Applications in Genetics and Molecular Biology</i> , <b>2013</b> , 12, 285-308  | 1.2  | 27 |
| 85 | The association between plasminogen activator inhibitor type 1 (PAI-1) levels, PAI-1 4G/5G polymorphism, and myocardial infarction: a Mendelian randomization meta-analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, 937-50 | 5.9  | 26 |
| 84 | Plasminogen activator inhibitor-1 4G/5G and 5,10-methylene-tetrahydrofolate reductase C677T polymorphisms in polycystic ovary syndrome. <i>Molecular Human Reproduction</i> , <b>2009</b> , 15, 19-26   | 4.4  | 25 |
| 83 | gpDB: a database of GPCRs, G-proteins, effectors and their interactions. <i>Bioinformatics</i> , <b>2008</b> , 24, 1471-27  | 2.2  | 25 |
| 82 | Lack of association between the platelet glycoprotein Ia C807T gene polymorphism and coronary artery disease: a meta-analysis. <i>International Journal of Cardiology</i> , <b>2007</b> , 118, 189-96   | 3.2  | 25 |
| 81 | Exploring inflammation in hemodialysis patients: persistent and superimposed inflammation. A longitudinal study. <i>Kidney and Blood Pressure Research</i> , <b>2004</b> , 27, 63-70  | 3.1  | 25 |

|    |   |     |    |
|----|---|-----|----|
| 80 | Association between the plasminogen activator inhibitor-1 4G/5G polymorphism and venous thrombosis. A meta-analysis. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 97, 907-13   | 7   | 24 |
| 79 | NAP: The Network Analysis Profiler, a web tool for easier topological analysis and comparison of medium-scale biological networks. <i>BMC Research Notes</i> , <b>2017</b> , 10, 278  | 2.3 | 23 |
| 78 | No evidence for association of CTLA-4 gene polymorphisms with the risk of developing multiple sclerosis: a meta-analysis. <i>Multiple Sclerosis Journal</i> , <b>2007</b> , 13, 156-68  | 5   | 22 |
| 77 | Network analysis of genes and their association with diseases. <i>Gene</i> , <b>2016</b> , 590, 68-78   | 3.8 | 21 |
| 76 | Efficacy of emergency department-initiated tobacco control--systematic review and meta-analysis of randomized controlled trials. <i>Nicotine and Tobacco Research</i> , <b>2013</b> , 15, 643-55  | 4.9 | 21 |
| 75 | Prediction of cell wall sorting signals in gram-positive bacteria with a hidden markov model: application to complete genomes. <i>Journal of Bioinformatics and Computational Biology</i> , <b>2008</b> , 6, 387-401 <sup>1</sup>             |     | 21 |
| 74 | An ecological study of the determinants of differences in 2009 pandemic influenza mortality rates between countries in Europe. <i>PLoS ONE</i> , <b>2011</b> , 6, e19432  | 3.7 | 19 |
| 73 | On the covariance of two correlated log-odds ratios. <i>Statistics in Medicine</i> , <b>2012</b> , 31, 1418-31  | 2.3 | 18 |
| 72 | GPCRs, G-proteins, effectors and their interactions: human-gpDB, a database employing visualization tools and data integration techniques. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2010</b> , 2010, baq019     | 5   | 18 |
| 71 | Vitamin C for the Prevention of Postoperative Atrial Fibrillation after Cardiac Surgery: A Meta-Analysis. <i>Advanced Pharmaceutical Bulletin</i> , <b>2016</b> , 6, 243-50   | 4.5 | 18 |
| 70 | The impact of pneumatic tube system on routine laboratory parameters: a systematic review and meta-analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 1834-1844  | 5.9 | 17 |
| 69 | Effect of hepatitis C virus on immunological and virological responses in HIV-infected patients initiating highly active antiretroviral therapy: a meta-analysis. <i>Journal of Viral Hepatitis</i> , <b>2013</b> , 20, 715-24 <sup>3,4</sup> |     | 17 |
| 68 | The association between apolipoprotein E gene polymorphisms and essential hypertension: a meta-analysis of 45 studies including 13,940 cases and 16,364 controls. <i>Journal of Human Hypertension</i> , <b>2013</b> , 27, 245-55             | 2.6 | 16 |
| 67 | Impact of HIV type 1 DNA levels on spontaneous disease progression: a meta-analysis. <i>AIDS Research and Human Retroviruses</i> , <b>2012</b> , 28, 366-73   | 1.6 | 15 |
| 66 | Serum albumin: a late-reacting negative acute-phase protein in clinically evident inflammation in dialysis patients. <i>Nephrology Dialysis Transplantation</i> , <b>2005</b> , 20, 658-9; author reply 659-60                                | 4.3 | 15 |
| 65 | The role of genetic polymorphisms of the Renin-Angiotensin System in renal diseases: A meta-analysis. <i>Computational and Structural Biotechnology Journal</i> , <b>2014</b> , 10, 1-7   | 6.8 | 14 |
| 64 | Meta-analysis in Stata using gllamm. <i>Research Synthesis Methods</i> , <b>2015</b> , 6, 310-32  | 7.2 | 14 |
| 63 | ExTopoDB: a database of experimentally derived topological models of transmembrane proteins. <i>Bioinformatics</i> , <b>2010</b> , 26, 2490-2   | 7.2 | 14 |

|    |  |     |    |
|----|--|-----|----|
| 62 | Antibody tests in detecting SARS-CoV-2 infection: a meta-analysis  |     | 13 |
| 61 | Smoking prevalence among hospitalized COVID-19 patients and its association with disease severity and mortality: an expanded re-analysis of a recent publication. <i>Harm Reduction Journal</i> , <b>2021</b> , 18, 9  | 4.6 | 13 |
| 60 | A multivariate method for meta-analysis and comparison of diagnostic tests. <i>Statistics in Medicine</i> , <b>2016</b> , 35, 3509-23  | 2.3 | 12 |
| 59 | Susceptibility to leishmaniasis is affected by host SLC11A1 gene polymorphisms: a systematic review and meta-analysis. <i>Parasitology Research</i> , <b>2019</b> , 118, 2329-2342   | 2.4 | 11 |
| 58 | HMMpTM: improving transmembrane protein topology prediction using phosphorylation and glycosylation site prediction. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2014</b> , 1844, 316-22 <sup>4</sup>  |     | 11 |
| 57 | Bisphosphonate use and risk of colorectal cancer: a systematic review and meta-analysis. <i>British Journal of Clinical Pharmacology</i> , <b>2013</b> , 76, 329-37  | 3.8 | 11 |
| 56 | Diagnostic Accuracy of Neutrophil Gelatinase-Associated Lipocalin for Predicting Early Diabetic Nephropathy in Patients with Type 1 and Type 2 Diabetes Mellitus: A Systematic Review and Meta-analysis. <i>Journal of applied laboratory medicine, The</i> , <b>2019</b> , 4, 78-94 | 2   | 10 |
| 55 | Multilocus sequence typing (and phylogenetic analysis) of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> strains isolated from clinical cases in Greece. <i>BMC Research Notes</i> , <b>2013</b> , 6, 359   | 2.3 | 10 |
| 54 | Meta-analysis of haplotype-association studies: comparison of methods and empirical evaluation of the literature. <i>BMC Genetics</i> , <b>2011</b> , 12, 8  | 2.6 | 10 |
| 53 | Interleukin gene polymorphisms and susceptibility to HIV-1 infection: a meta-analysis. <i>Journal of Genetics</i> , <b>2018</b> , 97, 235-251  | 1.2 | 9  |
| 52 | beta-Barrel transmembrane proteins: Geometric modelling, detection of transmembrane region, and structural properties. <i>Computational Biology and Chemistry</i> , <b>2006</b> , 30, 416-24   | 3.6 | 9  |
| 51 | The effect of viable <i>Chlamydia pneumoniae</i> on serum cytokines and adhesion molecules in hemodialysis patients. <i>Kidney International</i> , <b>2003</b> , S72-5   | 9.9 | 9  |
| 50 | CW-PRED: A HMM-Based Method for the Classification of Cell Wall-Anchored Proteins of Gram-Positive Bacteria. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 285-290  | 0.9 | 9  |
| 49 | Semi-supervised learning of Hidden Markov Models for biological sequence analysis. <i>Bioinformatics</i> , <b>2019</b> , 35, 2208-2215   | 7.2 | 8  |
| 48 | Season of birth and multiple sclerosis: a systematic review and multivariate meta-analysis. <i>Journal of Neurology</i> , <b>2020</b> , 267, 2815-2822   | 5.5 | 7  |
| 47 | Interpreting the Omics BraIData. <i>Smart Innovation, Systems and Technologies</i> , <b>2013</b> , 79-100  | 0.5 | 7  |
| 46 | Developing the evidence base for cancer chemoprevention: use of meta-analysis. <i>Current Drug Targets</i> , <b>2011</b> , 12, 1989-97   | 3   | 7  |
| 45 | Cytokine gene polymorphisms in multiple sclerosis: a meta-analysis of 45 studies including 7379 cases and 8131 controls. <i>European Journal of Neurology</i> , <b>2011</b> , 18, 944-51   | 6   | 7  |

|    |   |     |   |
|----|---|-----|---|
| 44 | Faster Gradient Descent Training of Hidden Markov Models, Using Individual Learning Rate Adaptation. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 40-52   | 0.9 | 7 |
| 43 | A meta-analysis of FZD3 gene polymorphisms and their association with schizophrenia. <i>Psychiatric Genetics</i> , <b>2016</b> , 26, 272-280  | 2.9 | 6 |
| 42 | Methods of Analysis and Meta-Analysis for Identifying Differentially Expressed Genes. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1793, 183-210   | 1.4 | 6 |
| 41 | Meta-Analysis of Family-Based and Case-Control Genetic Association Studies that Use the Same Cases. <i>Statistical Applications in Genetics and Molecular Biology</i> , <b>2011</b> , 10,                                       | 1.2 | 6 |
| 40 | A multipoint method for meta-analysis of genetic association studies. <i>Genetic Epidemiology</i> , <b>2010</b> , 34, 702-15  | 2.6 | 6 |
| 39 | Identification of gene expression profiles in myocardial infarction: a systematic review and meta-analysis. <i>BMC Medical Genomics</i> , <b>2018</b> , 11, 109   | 3.7 | 6 |
| 38 | Extending hidden Markov models to allow conditioning on previous observations. <i>Journal of Bioinformatics and Computational Biology</i> , <b>2018</b> , 16, 1850019   | 1   | 5 |
| 37 | Multivariate meta-analysis of the association of G-protein beta 3 gene (GNB3) haplotypes with cardiovascular phenotypes. <i>Molecular Biology Reports</i> , <b>2014</b> , 41, 3113-25   | 2.8 | 5 |
| 36 | Creating a specialist protein resource network: a meeting report for the protein bioinformatics and community resources retreat. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2015</b> , 2015, bav063 | 5   | 5 |
| 35 | Multiple outcome meta-analysis of gene-expression data in inflammatory bowel disease. <i>Genomics</i> , <b>2020</b> , 112, 1761-1767  | 4.3 | 5 |
| 34 | Apolipoprotein E Polymorphism and Left Ventricular Failure in Beta-Thalassemia: A Multivariate Meta-Analysis. <i>Annals of Human Genetics</i> , <b>2017</b> , 81, 213-223   | 2.2 | 4 |
| 33 | Polymorphisms of the CD24 Gene Are Associated with Risk of Multiple Sclerosis: A Meta-Analysis. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 12368-81   | 6.3 | 4 |
| 32 | How many 3D structures do we need to train a predictor?. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2009</b> , 7, 128-37   | 6.5 | 4 |
| 31 | Vitamin B12 and hepatic enzyme serum levels correlate with interleukin-6 in alcohol-dependent individuals without liver disease. <i>Clinical Biochemistry</i> , <b>2007</b> , 40, 781-6   | 3.5 | 4 |
| 30 | Effects of Yeast and Bacterial Commensals and Pathogens of the Female Genital Tract on the Transepithelial Electrical Resistance of HeLa Cells. <i>Open Microbiology Journal</i> , <b>2016</b> , 10, 90-6                       | 0.8 | 4 |
| 29 | Diagnostic Performance of Biomarkers Urinary KIM-1 and YKL-40 for Early Diabetic Nephropathy, in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis. <i>Diagnostics</i> , <b>2020</b> , 10,                   | 3.8 | 4 |
| 28 | GWAR: robust analysis and meta-analysis of genome-wide association studies. <i>Bioinformatics</i> , <b>2017</b> , 33, 1521-1527   | 7.2 | 3 |
| 27 | The effect of plasma homocysteine levels on clinical outcomes of patients with acute lung injury/acute respiratory distress syndrome. <i>American Journal of the Medical Sciences</i> , <b>2009</b> , 338, 474-7                | 2.2 | 3 |



|    |  |     |   |
|----|--|-----|---|
| 26 | N-terminal sequence-based prediction of subcellular location. <i>BMC Bioinformatics</i> , <b>2005</b> , 6, S11   | 3.6 | 3 |
| 25 | Meta-analysis of gene expression profiles in preeclampsia. <i>Pregnancy Hypertension</i> , <b>2020</b> , 19, 52-60   | 2.6 | 3 |
| 24 | Data and programs in support of network analysis of genes and their association with diseases. <i>Data in Brief</i> , <b>2016</b> , 8, 1036-9  | 1.2 | 3 |
| 23 | Predicting Beta Barrel Transmembrane Proteins Using HMMs. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1552, 43-61  | 1.4 | 2 |
| 22 | Landscape of Eukaryotic Transmembrane Beta Barrel Proteins. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1209-1221  | 5.6 | 2 |
| 21 | Multivariate Methods for Meta-Analysis of Genetic Association Studies. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1793, 157-182   | 1.4 | 2 |
| 20 | JUCHMME: a Java Utility for Class Hidden Markov Models and Extensions for biological sequence analysis. <i>Bioinformatics</i> , <b>2019</b> , 35, 5309-5312  | 7.2 | 2 |
| 19 | Hidden neural networks for transmembrane protein topology prediction. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 6090-6097  | 6.8 | 2 |
| 18 | Meta-analysis of BCOR rearranged sarcomas: challenging the therapeutic approach. <i>Acta Oncologica</i> , <b>2021</b> , 60, 721-726  | 3.2 | 2 |
| 17 | VICTOR: A visual analytics web application for comparing cluster sets. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 135, 104557  | 7   | 2 |
| 16 | Predicting Alpha Helical Transmembrane Proteins Using HMMs. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1552, 63-82  | 1.4 | 1 |
| 15 | Methods for multiple outcome meta-analysis of gene-expression data. <i>MethodsX</i> , <b>2020</b> , 7, 100834  | 1.9 | 1 |
| 14 | Meeting report: the seventh conference of the hellenic society for computational biology and bioinformatics. <i>Computational and Structural Biotechnology Journal</i> , <b>2013</b> , 6, e201303006 | 6.8 | 1 |
| 13 | Prediction and Optimization of the Cost of Energy Resources in Greek Public Hospitals. <i>Energies</i> , <b>2022</b> , 15, 381   | 3.1 | 1 |
| 12 | OMPdb: A Global Hub of Beta-Barrel Outer Membrane Proteins. <i>Frontiers in Bioinformatics</i> , <b>2021</b> , 1,  |     | 1 |
| 11 | The human GPCR signal transduction network. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , <b>2021</b> , 10, 1  | 1.6 | 1 |
| 10 | ECCB 2018: The 17th European Conference on Computational Biology. <i>Bioinformatics</i> , <b>2018</b> , 34, i595-i598  | 3.2 | 1 |
| 9  | Staphylococcus aureus Carriage in Hidradenitis Suppurativa: Impact on Response to Adalimumab. <i>Dermatology</i> , <b>2021</b> , 237, 372-377  | 4.4 | 1 |



|   |   |     |   |
|---|---|-----|---|
| 8 | Meta-analysis of gene expression data in adipose tissue reveals new obesity associated genes.. <i>Gene</i> , <b>2022</b> , 818, 146223  | 3.8 | o |
| 7 | Urinary N-Acetyl-β-glucosaminidase (uNAG) as an Indicative Biomarker of Early Diabetic Nephropathy in Patients with Diabetes Mellitus (T1DM, T2DM): A Systematic Review and Meta-Analysis. <i>International Journal of Diabetology</i> , <b>2021</b> , 2, 272-285 | 1   | o |
| 6 | Discriminating membrane proteins using the joint distribution of length sums of success and failure runs. <i>Statistical Methods and Applications</i> , <b>2017</b> , 26, 251-272   | 0.8 |   |
| 5 | Correlation of liver dysfunction biological markers to the mood status of alcohol-dependent individuals. <i>International Journal of Psychiatry in Clinical Practice</i> , <b>2006</b> , 10, 166-73   | 2.4 |   |
| 4 | Association between the Plasminogen Activator Inhibitor-1 4G/5G Gene Polymorphism and Ischemic Stroke; a Meta-Analysis.. <i>Blood</i> , <b>2006</b> , 108, 4010-4010  | 2.2 |   |
| 3 | Computational Methods for the Prediction of GPCRs Coupling Selectivity <b>2009</b> , 167-181  |     |   |
| 2 | Bacterial βBarrel Outer Membrane Proteins <b>2009</b> , 182-207   |     |   |
| 1 | Meta-Analysis Methods of Diagnostic Test Accuracy Studies. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2345, 173-185  | 1.4 |   |