Roula Tsonaka

List of Publications by Year
in descending order

50 papers	978 citations	516561 16 h-index	501076 28 g-index
50 all docs	50 docs citations	50 times ranked	1585 citing authors

#	ARTICLE	IF	CITATIONS
1	The logistic transform for bounded outcome scores. Biostatistics, 2007, 8, 72-85.	0.9	127
2	A Semi–Parametric Shared Parameter Model to Handle Nonmonotone Nonignorable Missingness. Biometrics, 2009, 65, 81-87.	0.8	62
3	Community deworming alleviates geohelminth-induced immune hyporesponsiveness. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12526-12531.	3.3	58
4	Fatigue in rheumatoid arthritis; a persistent problem: a large longitudinal study. RMD Open, 2015, 1, e000041-e000041.	1.8	57
5	The Effect of Three-Monthly Albendazole Treatment on Malarial Parasitemia and Allergy: A Household-Based Cluster-Randomized, Double-Blind, Placebo-Controlled Trial. PLoS ONE, 2013, 8, e57899.	1.1	47
6	Tracking disease progression non–invasively in Duchenne and Becker muscular dystrophies. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 715-726.	2.9	47
7	Progression of aortic root dilatation and aortic valve regurgitation after the arterial switch operation. Heart, 2019, 105, 1732-1740.	1.2	47
8	Half-Dose Photodynamic Therapy Versus Eplerenone in Chronic Central Serous Chorioretinopathy (SPECTRA): A Randomized Controlled Trial. American Journal of Ophthalmology, 2022, 233, 101-110.	1.7	44
9	Home monitoring reduced short stay admissions in suspected COVID-19 patients: COVID-box project. European Respiratory Journal, 2021, 58, 2100636.	3.1	33
10	Crossover to Photodynamic Therapy or Micropulse Laser After Failure of Primary Treatment of Chronic Central Serous Chorioretinopathy: The REPLACE Trial. American Journal of Ophthalmology, 2020, 216, 80-89.	1.7	30
11	Longitudinal serum biomarker screening identifies malate dehydrogenase 2 as candidate prognostic biomarker for Duchenne muscular dystrophy. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 505-517.	2.9	27
12	Cross–sectional serum metabolomic study of multiple forms of muscular dystrophy. Journal of Cellular and Molecular Medicine, 2018, 22, 2442-2448.	1.6	25
13	Genetic Factors for the Severity of ACPA-negative Rheumatoid Arthritis in 2 Cohorts of Early Disease: A Genome-wide Study. Journal of Rheumatology, 2015, 42, 1383-1391.	1.0	23
14	Pitfalls of linear regression for estimating slopes over time and how to avoid them by using linear mixed-effects models. Nephrology Dialysis Transplantation, 2019, 34, 561-566.	0.4	23
15	Exacerbated inflammatory signaling underlies aberrant response to BMP9 in pulmonary arterial hypertension lung endothelial cells. Angiogenesis, 2020, 23, 699-714.	3.7	22
16	Efficacy of single versus four repeated doses of praziquantel against Schistosoma mansoni infection in school-aged children from CÃ´te d'Ivoire based on Kato-Katz and POC-CCA: An open-label, randomised controlled trial (RePST). PLoS Neglected Tropical Diseases, 2020, 14, e0008189.	1.3	20
17	The Effect of Corticosteroids on Human Choroidal Endothelial Cells: A Model to Study Central Serous Chorioretinopathy. , 2018, 59, 5682.		19
18	Longitudinal metabolomic analysis of plasma enables modeling disease progression in Duchenne muscular dystrophy mouse models. Human Molecular Genetics, 2020, 29, 745-755.	1.4	19

#	Article	IF	Citations
19	Peripheral blood transcriptome profiling enables monitoring disease progression in dystrophic mice and patients. EMBO Molecular Medicine, 2021, 13, e13328.	3.3	16
20	Risk Factors for Tibial Component Loosening. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1115-1124.	1.4	16
21	Secondary phenotype analysis in ascertained family designs: application to the Leiden longevity study. Statistics in Medicine, 2017, 36, 2288-2301.	0.8	15
22	Long‐term follow‐up of chronic central serous chorioretinopathy after successful treatment with photodynamic therapy or micropulse laser. Acta Ophthalmologica, 2021, 99, 805-811.	0.6	15
23	Nonignorable Models for Intermittently Missing Categorical Longitudinal Responses. Biometrics, 2010, 66, 834-844.	0.8	13
24	Simultaneous Enrichment Analysis of all Possible Gene-sets: Unifying Self-Contained and Competitive Methods. Briefings in Bioinformatics, 2020, 21, 1302-1312.	3.2	13
25	Monoamine Oxidase A (MAOA) Gene and Personality Traits from Late Adolescence through Early Adulthood: A Latent Variable Investigation. Frontiers in Psychology, 2017, 8, 1736.	1.1	12
26	Predicting the severity of joint damage in rheumatoid arthritis; the contribution of genetic factors. Annals of the Rheumatic Diseases, 2015, 74, 876-882.	0.5	11
27	Expandable human cardiovascular progenitors from stem cells for regenerating mouse heart after myocardial infarction. Cardiovascular Research, 2020, 116, 545-553.	1.8	10
28	Systemic complement activation in central serous chorioretinopathy. PLoS ONE, 2017, 12, e0180312.	1.1	9
29	Long Bone Fractures in Fibrous Dysplasia/McCune-Albright Syndrome: Prevalence, Natural History, and Risk Factors. Journal of Bone and Mineral Research, 2020, 37, 236-243.	3.1	9
30	A two‐stage mixed‐effects model approach for gene‐set analyses in candidate gene studies. Statistics in Medicine, 2012, 31, 1190-1202.	0.8	8
31	Marginal Genetic Effects Estimation in Family and Twin Studies Using Random-Effects Models. Biometrics, 2015, 71, 1130-1138.	0.8	8
32	Cytokine Profiling of Serum Allows Monitoring of Disease Progression in Inclusion Body Myositis. Journal of Neuromuscular Diseases, 2017, 4, 327-335.	1.1	8
33	RESPONSE OF CHOROIDAL ABNORMALITIES TO PHOTODYNAMIC THERAPY VERSUS MICROPULSE LASER IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY. Retina, 2021, 41, 2122-2131.	1.0	8
34	Power and sample size calculations for discrete bounded outcome scores. Statistics in Medicine, 2006, 25, 4241-4252.	0.8	7
35	Quality of Life After Curative Resection for Rectal Cancer in Patients Treated With Adjuvant Chemotherapy Compared With Observation: Results of the Randomized Phase III SCRIPT Trial. Diseases of the Colon and Rectum, 2019, 62, 711-720.	0.7	7
36	Plasma lipidomic analysis shows a disease progression signature in mdx mice. Scientific Reports, 2021, 11, 12993.	1.6	7

#	Article	IF	Citations
37	EFFICACY OF HALF-DOSE PHOTODYNAMIC THERAPY VERSUS HIGH-DENSITY SUBTHRESHOLD MICROPULSE LASER FOR TREATING PIGMENT EPITHELIAL DETACHMENTS IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY. Retina, 2022, 42, 721-729.	1.0	7
38	Joint Modeling of Longitudinal Markers and Time-to-Event Outcomes: An Application and Tutorial in Patients After Surgical Repair of Transposition of the Great Arteries. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e007593.	0.9	6
39	Estimation of genetic effects in multiple cases family studies using penalized maximum likelihood methodology. Biostatistics, 2013, 14, 220-231.	0.9	5
40	Pathway testing for longitudinal metabolomics. Statistics in Medicine, 2021, 40, 3053-3065.	0.8	5
41	Sbk2, a Newly Discovered Atrium-Enriched Regulator of Sarcomere Integrity. Circulation Research, 2022, 131, 24-41.	2.0	5
42	Poisson–Tweedie mixed-effects model: A flexible approach for the analysis of longitudinal RNA-seq data. Statistical Modelling, 2020, , 1471082X2093601.	0.5	4
43	Negative Binomial mixed models estimated with the maximum likelihood method can be used for longitudinal RNAseq data. Briefings in Bioinformatics, 2021, 22, .	3.2	4
44	Long-term effect of α1-antitrypsin augmentation therapy on the decline of FEV1 in deficient patients: an analysis of the AIR database. ERJ Open Research, 2021, 7, 00194-2021.	1.1	4
45	Prediction of lung function and lung density of young adults who had bronchopulmonary dysplasia. ERJ Open Research, 2020, 6, 00157-2020.	1.1	4
46	Gene analysis for longitudinal family data using random-effects models. BMC Proceedings, 2014, 8, S88.	1.8	3
47	Biventricular function in exercise during autonomic (thoracic epidural) block. European Journal of Applied Physiology, 2021, 121, 1405-1418.	1.2	3
48	Penalized regression calibration: A method for the prediction of survival outcomes using complex longitudinal and high-dimensional data. Statistics in Medicine, 2021, 40, 6178-6196.	0.8	3
49	Combining information from linkage and association mapping for next-generation sequencing longitudinal family data. BMC Proceedings, 2014, 8, S34.	1.8	2
50	Huntington Disease Gene Expression Signatures in Blood Compared to Brain of YAC128 Mice as Candidates for Monitoring of Pathology. Molecular Neurobiology, 2022, 59, 2532-2551.	1.9	1