

# Nikos Karaiskos

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,287  
citations

759233

12  
h-index

677142

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optocoder: computational decoding of spatially indexed bead arrays. NAR Genomics and Bioinformatics, 2022, 4, .	3.2	1
2	Kidney Single-cell Transcriptomes Predict Spatial Corticomedullary Gene Expression and Tissue Osmolality Gradients. Journal of the American Society of Nephrology: JASN, 2021, 32, 291-306.	6.1	18
3	Defective metabolic programming impairs early neuronal morphogenesis in neural cultures and an organoid model of Leigh syndrome. Nature Communications, 2021, 12, 1929.	12.8	55
4	NovoSpaRc: flexible spatial reconstruction of single-cell gene expression with optimal transport. Nature Protocols, 2021, 16, 4177-4200.	12.0	55
5	Gene selection for optimal prediction of cell position in tissues from single-cell transcriptomics data. Life Science Alliance, 2020, 3, e202000867.	2.8	20
6	FLAM-seq: full-length mRNA sequencing reveals principles of poly(A) tail length control. Nature Methods, 2019, 16, 879-886.	19.0	119
7	Human muscle-derived CLEC14A-positive cells regenerate muscle independent of PAX7. Nature Communications, 2019, 10, 5776.	12.8	30
8	Gene expression cartography. Nature, 2019, 576, 132-137.	27.8	216
9	A Single-Cell Transcriptome Atlas of the Mouse Glomerulus. Journal of the American Society of Nephrology: JASN, 2018, 29, 2060-2068.	6.1	137
10	The <i>Drosophila</i> embryo at single-cell transcriptome resolution. Science, 2017, 358, 194-199.	12.6	352
11	Cell fixation and preservation for droplet-based single-cell transcriptomics. BMC Biology, 2017, 15, 44.	3.8	186
12	Scattering in Twisted Yangians. Journal of Physics: Conference Series, 2016, 670, 012007.	0.4	0
13	Non-Abelian $SU(3)_k$ anyons: inversion identities for higher rank face models. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 484001.	2.1	4
14	Scattering matrices in the $\mathfrak{sl}(\mathfrak{mbox{sfamilyseries 3}})$ twisted Yangian. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P02007.	2.3	2
15	The $\mathfrak{sl}(\mathcal{N})$ twisted Yangian: bulk-boundary scattering and defects. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05024.	2.3	1
16	Inversion identities for inhomogeneous face models. Nuclear Physics B, 2014, 887, 423-440.	2.5	3
17	Transmission amplitudes from Bethe ansatz equations. Journal of High Energy Physics, 2013, 2013, 1.	4.7	5
18	Fermionic reflection matrices. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P11008.	2.3	0

#	ARTICLE	IF	CITATIONS
19	Sigma models in the presence of dynamical point-like defects. Nuclear Physics B, 2013, 867, 872-886.	2.5	15
20	Bethe ansatz solution of the small polaron with nondiagonal boundary terms. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P07009.	2.3	4
21	Brane embeddings in sphere submanifolds. Classical and Quantum Gravity, 2012, 29, 025011.	4.0	8
22	Generalized Landau-Lifshitz models on the interval. Nuclear Physics B, 2011, 853, 436-460.	2.5	3
23	INTRODUCTION TO QUANTUM INTEGRABILITY. International Journal of Modern Physics A, 2010, 25, 3307-3351.	1.5	15
24	New reflection matrices for the $U_q(\mathfrak{gl}(m n))$ case. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, L09004.	2.3	4