

Roman Garnett

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,004
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1066
citing authors

#	ARTICLE	IF	CITATIONS
1	Polls, Context, and Time: A Dynamic Hierarchical Bayesian Forecasting Model for US Senate Elections. <i>Political Analysis</i> , 2023, 31, 113-133.	3.3	0
2	IDCube Lite: Free Interactive Discovery Cube software for multi and hyperspectral applications. <i>Journal of Spectral Imaging</i> , 2021, 10, .	0.0	1
3	Damped Lyman- α absorbers from Sloan digital sky survey DR16Q with Gaussian processes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 704-719.	4.4	14
4	A comparison of prediction approaches for identifying prodromal Parkinson disease. <i>PLoS ONE</i> , 2021, 16, e0256592.	2.5	5
5	Efficient Discovery of Visible Light-Activated Azoarene Photoswitches with Long Half-Lives Using Active Search. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 5524-5534.	5.4	9
6	Detecting multiple DLAs per spectrum in SDSS DR12 with Gaussian processes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 5436-5454.	4.4	11
7	Automated measurement of quasar redshift with a Gaussian process. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5227-5239.	4.4	4
8	New analysis pipeline for high-throughput domain- α peptide affinity experiments improves SH2 interaction data. <i>Journal of Biological Chemistry</i> , 2020, 295, 11346-11363.	3.4	2
9	Conjoint psychometric field estimation for bilateral audiometry. <i>Behavior Research Methods</i> , 2019, 51, 1271-1285.	4.0	14
10	Follow The Clicks: Learning and Anticipating Mouse Interactions During Exploratory Data Analysis. <i>Computer Graphics Forum</i> , 2019, 38, 41-52.	3.0	25
11	Bioinspired polarization vision enables underwater geolocalization. <i>Science Advances</i> , 2018, 4, eaao6841.	10.3	95
12	Active Search for Computer-aided Drug Design. <i>Molecular Informatics</i> , 2018, 37, 1700130.	2.5	17
13	Psychometric function estimation by probabilistic classification. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 2513-2525.	1.1	16
14	Statistical properties of damped Lyman-alpha systems from Sloan Digital Sky Survey DR12. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2111-2122.	4.4	42
15	Detecting damped Ly α absorbers with Gaussian processes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1850-1865.	4.4	25
16	Propagation kernels: efficient graph kernels from propagated information. <i>Machine Learning</i> , 2016, 102, 209-245.	5.4	118
17	The entropic basis of collective behaviour. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150037.	3.4	35
18	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. <i>PLoS Computational Biology</i> , 2013, 9, e1002961.	3.2	39

#	ARTICLE	IF	CITATIONS
19	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. PLoS Computational Biology, 2012, 8, e1002308.	3.2	10
20	Objectively identifying landmark use and predicting flight trajectories of the homing pigeon using Gaussian processes. Journal of the Royal Society Interface, 2011, 8, 210-219.	3.4	29
21	A universal noise removal algorithm with an impulse detector. IEEE Transactions on Image Processing, 2005, 14, 1747-1754.	9.8	493