

Roman Garnett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2467579/publications.pdf>

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	A universal noise removal algorithm with an impulse detector. IEEE Transactions on Image Processing, 2005, 14, 1747-1754.	9.8	493
2	Propagation kernels: efficient graph kernels from propagated information. Machine Learning, 2016, 102, 209-245.	5.4	118
3	Bioinspired polarization vision enables underwater geolocalization. Science Advances, 2018, 4, eaa06841.	10.3	95
4	Statistical properties of damped Lyman-alpha systems from Sloan Digital Sky Survey DR12. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2111-2122.	4.4	42
5	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. PLoS Computational Biology, 2013, 9, e1002961.	3.2	39
6	The entropic basis of collective behaviour. Journal of the Royal Society Interface, 2015, 12, 20150037.	3.4	35
7	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
8	Detecting damped Ly α absorbers with Gaussian processes. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1850-1865.	4.4	25
9	Follow The Clicks: Learning and Anticipating Mouse Interactions During Exploratory Data Analysis. Computer Graphics Forum, 2019, 38, 41-52.	3.0	25
10	Active Search for Computer-Aided Drug Design. Molecular Informatics, 2018, 37, 1700130.	2.5	17
11	Psychometric function estimation by probabilistic classification. Journal of the Acoustical Society of America, 2017, 141, 2513-2525.	1.1	16
12	Conjoint psychometric field estimation for bilateral audiometry. Behavior Research Methods, 2019, 51, 1271-1285.	4.0	14
13	Damped Lyman- α absorbers from Sloan digital sky survey DR16Q with Gaussian processes. Monthly Notices of the Royal Astronomical Society, 2021, 507, 704-719.	4.4	14
14	Detecting multiple DLAs per spectrum in SDSS DR12 with Gaussian processes. Monthly Notices of the Royal Astronomical Society, 2020, 496, 5436-5454.	4.4	11
15	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. PLoS Computational Biology, 2012, 8, e1002308.	3.2	10
16	Efficient Discovery of Visible Light-Activated Azoarene Photoswitches with Long Half-Lives Using Active Search. Journal of Chemical Information and Modeling, 2021, 61, 5524-5534.	5.4	9
17	A comparison of prediction approaches for identifying prodromal Parkinson disease. PLoS ONE, 2021, 16, e0256592.	2.5	5
18	Automated measurement of quasar redshift with a Gaussian process. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5227-5239.	4.4	4

#	ARTICLE	IF	CITATIONS
19	New analysis pipeline for high-throughput domainâ€ peptide affinity experiments improves SH2 interaction data. <i>Journal of Biological Chemistry</i> , 2020, 295, 11346-11363.	3.4	2
20	IDCube Lite: Free Interactive Discovery Cube software for multi and hyperspectral applications. <i>Journal of Spectral Imaging</i> , 2021, 10, .	0.0	1
21	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