Nitin Gupta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6419106/publications.pdf

Version: 2024-02-01

37 papers	2,031 citations	331259 21 h-index	377514 34 g-index
44 all docs	44 docs citations	44 times ranked	3416 citing authors

#	Article	IF	Citations
1	Mosquito Olfactory Response Ensemble enables pattern discovery by curating a behavioral and electrophysiological response database. IScience, 2022, 25, 103938.	1.9	1
2	Functional olfactory evolution in Drosophila suzukii and the subgenus Sophophora. IScience, 2022, 25, 104212.	1.9	12
3	Insect Olfaction: A Model System for Neural Circuit Modeling. , 2022, , 1677-1682.		0
4	Development and testing of a game-based digital intervention for working memory training in autism spectrum disorder. Scientific Reports, 2021, 11, 13800.	1.6	13
5	Evaluating the Dietary Intakes of Energy, Macronutrients, Sugar, Fiber, and Micronutrients in Children With Celiac Disease. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 246-251.	0.9	6
6	Multiple network properties overcome random connectivity to enable stereotypic sensory responses. Nature Communications, 2020, 11, 1023.	5.8	12
7	Bilateral and unilateral odor processing and odor perception. Communications Biology, 2020, 3, 150.	2.0	23
8	Sequence-Based Prediction of Olfactory Receptor Responses. Chemical Senses, 2019, 44, 693-703.	1.1	9
9	Influence of Dietitians in Preventing Parenteral Nutrition Prescription Errors in Children. Journal of Parenteral and Enteral Nutrition, 2018, 42, 607-612.	1.3	4
10	Sensory Coding: Neurons That Wire Together Fire Longer. Current Biology, 2018, 28, R608-R610.	1.8	4
11	Classification of odorants across layers in locust olfactory pathway. Journal of Neurophysiology, 2016, 115, 2303-2316.	0.9	14
12	Oscillatory integration windows in neurons. Nature Communications, 2016, 7, 13808.	5.8	24
13	Matrix Metalloproteinase-9 Regulates Neuronal Circuit Development and Excitability. Molecular Neurobiology, 2016, 53, 3477-3493.	1.9	30
14	Feed-Forward versus Feedback Inhibition in a Basic Olfactory Circuit. PLoS Computational Biology, 2015, 11, e1004531.	1.5	34
15	A Temporal Channel for Information in Sparse Sensory Coding. Current Biology, 2014, 24, 2247-2256.	1.8	43
16	N-terminal Protein Processing: A Comparative Proteogenomic Analysis. Molecular and Cellular Proteomics, 2013, 12, 14-28.	2.5	80
17	Insect Olfaction: A Model System for Neural Circuit Modeling. , 2013, , 1-7.		0
18	Functional Analysis of a Higher Olfactory Center, the Lateral Horn. Journal of Neuroscience, 2012, 32, 8138-8148.	1.7	92

#	Article	IF	Citations
19	Negative results need airing too. Nature, 2011, 470, 39-39.	13.7	9
20	Insect olfactory coding and memory at multiple timescales. Current Opinion in Neurobiology, 2011, 21, 768-773.	2.0	18
21	Olfactory Coding: Giant Inhibitory Neuron Governs Sparse Odor Codes. Current Biology, 2011, 21, R504-R506.	1.8	7
22	Target-Decoy Approach and False Discovery Rate: When Things May Go Wrong. Journal of the American Society for Mass Spectrometry, 2011, 22, 1111-1120.	1.2	134
23	Neuropeptidomic Components Generated by Proteomic Functions in Secretory Vesicles for Cellâ€“Cell Communication. AAPS Journal, 2010, 12, 635-645.	2.2	23
24	Analyzing protease specificity and detecting in vivo proteolytic events using tandem mass spectrometry. Proteomics, 2010, 10, 2833-2844.	1.3	27
25	Mass Spectrometry-Based Neuropeptidomics of Secretory Vesicles from Human Adrenal Medullary Pheochromocytoma Reveals Novel Peptide Products of Prohormone Processing. Journal of Proteome Research, 2010, 9, 5065-5075.	1.8	29
26	Spectral Dictionaries. Molecular and Cellular Proteomics, 2009, 8, 53-69.	2.5	87
27	False Discovery Rates of Protein Identifications: A Strike against the Two-Peptide Rule. Journal of Proteome Research, 2009, 8, 4173-4181.	1.8	164
28	Does Trypsin Cut Before Proline?. Journal of Proteome Research, 2008, 7, 300-305.	1.8	217
29	Preservation of Some Aging Properties and Stochastic Orders by Weighted Distributions. Communications in Statistics - Theory and Methods, 2008, 37, 627-644.	0.6	31
30	Spectral Probabilities and Generating Functions of Tandem Mass Spectra: A Strike against Decoy Databases. Journal of Proteome Research, 2008, 7, 3354-3363.	1.8	426
31	QNet: A Tool for Querying Protein Interaction Networks. Journal of Computational Biology, 2008, 15, 913-925.	0.8	86
32	Comparative proteogenomics: Combining mass spectrometry and comparative genomics to analyze multiple genomes. Genome Research, 2008, 18, 1133-1142.	2.4	97
33	Whole proteome analysis of post-translational modifications: Applications of mass-spectrometry for proteogenomic annotation. Genome Research, 2007, 17, 1362-1377.	2.4	175
34	Mining Quantitative Association Rules in Protein Sequences. Lecture Notes in Computer Science, 2006, , 273-281.	1.0	28
35	Evolution and similarity evaluation of protein structures in contact map space. Proteins: Structure, Function and Bioinformatics, 2005, 59, 196-204.	1.5	39
36	Coupled foldingâ€“binding versus docking: A lattice model study. Journal of Chemical Physics, 2004, 120, 3983-3989.	1.2	22

#	Article	IF	Citations
37	iMOT: an interactive package for the selection of spatially interacting motifs. Nucleic Acids Research, 2004, 32, W602-W605.	6.5	9