

# Lisa T Stowers

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

5,134  
citations

257450

24  
h-index

377865

34  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of Sex Discrimination and Male-Male Aggression in Mice Deficient for TRP2. <i>Science</i> , 2002, 295, 1493-1500.	12.6	774
2	Rac and Cdc42 Induce Actin Polymerization and G1 Cell Cycle Progression Independently of p65PAK and the JNK/SAPK MAP Kinase Cascade. <i>Cell</i> , 1996, 87, 519-529.	28.9	590
3	Identification of protein pheromones that promote aggressive behaviour. <i>Nature</i> , 2007, 450, 899-902.	27.8	472
4	GTPase cascades choreographing cellular behavior: Movement, morphogenesis, and more. <i>Cell</i> , 1995, 81, 1-4.	28.9	408
5	Regulation of the polarization of T cells toward antigen-presenting cells by Ras-related GTPase CDC42.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5027-5031.	7.1	369
6	The Vomeronasal Organ Mediates Interspecies Defensive Behaviors through Detection of Protein Pheromone Homologs. <i>Cell</i> , 2010, 141, 692-703.	28.9	308
7	Functional Expression of Murine V2R Pheromone Receptors Involves Selective Association with the M10 and M1 Families of MHC Class Ib Molecules. <i>Cell</i> , 2003, 112, 607-618.	28.9	274
8	Human Ste20 homologue hPAK1 links GTPases to the JNK MAP kinase pathway. <i>Current Biology</i> , 1996, 6, 598-605.	3.9	251
9	Impaired maturation of dendritic spines without disorganization of cortical cell layers in mice lacking NRG1/ErbB signaling in the central nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4507-4512.	7.1	178
10	Murine Pheromone Proteins Constitute a Context-Dependent Combinatorial Code Governing Multiple Social Behaviors. <i>Cell</i> , 2014, 157, 676-688.	28.9	166
11	Cyclic Regulation of Sensory Perception by a Female Hormone Alters Behavior. <i>Cell</i> , 2015, 161, 1334-1344.	28.9	161
12	Synchronous Evolution of an Odor Biosynthesis Pathway and Behavioral Response. <i>Current Biology</i> , 2013, 23, 11-20.	3.9	160
13	Species Specificity in Major Urinary Proteins by Parallel Evolution. <i>PLoS ONE</i> , 2008, 3, e3280.	2.5	138
14	Learned Recognition of Maternal Signature Odors Mediates the First Suckling Episode in Mice. <i>Current Biology</i> , 2012, 22, 1998-2007.	3.9	128
15	PIEZO2 in sensory neurons and urothelial cells coordinates urination. <i>Nature</i> , 2020, 588, 290-295.	27.8	113
16	What Is a Pheromone? Mammalian Pheromones Reconsidered. <i>Neuron</i> , 2005, 46, 699-702.	8.1	80
17	Mammalian pheromones: emerging properties and mechanisms of detection. <i>Current Opinion in Neurobiology</i> , 2015, 34, 103-109.	4.2	76
18	Voluntary urination control by brainstem neurons that relax the urethral sphincter. <i>Nature Neuroscience</i> , 2018, 21, 1229-1238.	14.8	72

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19	State-dependent responses to sex pheromones in mouse. <i>Current Opinion in Neurobiology</i> , 2016, 38, 74-79.	4.2	58
20	Olfactory mechanisms of stereotyped behavior: on the scent of specialized circuits. <i>Current Opinion in Neurobiology</i> , 2010, 20, 274-280.	4.2	57
21	Sexual dimorphism in olfactory signaling. <i>Current Opinion in Neurobiology</i> , 2010, 20, 770-775.	4.2	56
22	Analysis of Male Pheromones That Accelerate Female Reproductive Organ Development. <i>PLoS ONE</i> , 2011, 6, e16660.	2.5	49
23	Flexible scaling and persistence of social vocal communication. <i>Nature</i> , 2021, 593, 108-113.	27.8	45
24	Ominous odors: olfactory control of instinctive fear and aggression in mice. <i>Current Opinion in Neurobiology</i> , 2013, 23, 339-345.	4.2	44
25	Bmal1 Is Required for Normal Reproductive Behaviors in Male Mice. <i>Endocrinology</i> , 2016, 157, 4914-4929.	2.8	37
26	Representation of Olfactory Information in Organized Active Neural Ensembles in the Hypothalamus. <i>Cell Reports</i> , 2020, 32, 108061.	6.4	15
27	LUSH Shapes Up for a Starring Role in Olfaction. <i>Cell</i> , 2008, 133, 1137-1139.	28.9	12
28	Bespoke behavior: mechanisms that modulate pheromone-triggered behavior. <i>Current Opinion in Neurobiology</i> , 2020, 64, 143-150.	4.2	10
29	Live Cell Calcium Imaging of Dissociated Vomeronasal Neurons. <i>Methods in Molecular Biology</i> , 2013, 1068, 189-200.	0.9	9
30	Choosing to urinate. Circuits and mechanisms underlying voluntary urination. <i>Current Opinion in Neurobiology</i> , 2020, 60, 129-135.	4.2	7
31	Neuronal Development: Specifying a Hard-Wired Circuit. <i>Current Biology</i> , 2004, 14, R62-R64.	3.9	1
32	Specialized Chemosignaling that Generates Social and Survival Behavior in Mammals. , 2016, , 3-27.		1
33	Think You Know How Smell Works? Sniff Again. <i>Cell</i> , 2016, 165, 1566-1567.	28.9	1
34	Animal Behavior: Honesty Can Kill. <i>Current Biology</i> , 2019, 29, R259-R261.	3.9	1
35	Opioid Receptors: Cellular and Molecular Mechanisms Underlying Opioid Receptor Function. , 2012, , 1304-1312.		0
36	Social Behavior: How the Brain Thinks like a Mom. <i>Current Biology</i> , 2018, 28, R746-R749.	3.9	0

#	ARTICLE	IF	CITATIONS
37	Less is more: Hormonal-induced decrease in brain activity is required for associative learning. Neuron, 2021, 109, 1760-1762.	8.1	0
38	Olfactory Receptors. , 2018, , 3650-3655.		0