

# Stephen M Johnson

## List of Publications by Year in descending order

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30  
papers

817  
citations

686830

13  
h-index

500791

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adenosine A2a receptors modulate TrkB receptor-dependent respiratory plasticity in neonatal rats. <i>Respiratory Physiology and Neurobiology</i> , 2021, 294, 103743.	0.7	1
2	Comparison of Thermal and Mechanical Noxious Stimuli for Testing Analgesics in White's Tree Frogs ( <i>Litoria caerulea</i> ) and Northern Leopard Frogs ( <i>Lithobates pipiens</i> ). <i>Journal of the American Association for Laboratory Animal Science</i> , 2021, 60, 687-691.	0.6	1
3	Time and dose-dependent impairment of neonatal respiratory motor activity after systemic inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2020, 272, 103314.	0.7	12
4	Respiratory frequency plasticity during development. <i>Respiratory Physiology and Neurobiology</i> , 2019, 266, 54-65.	0.7	3
5	One bout of neonatal inflammation impairs adult respiratory motor plasticity in male and female rats. <i>ELife</i> , 2019, 8, .	2.8	11
6	Gestational intermittent hypoxia increases susceptibility to neuroinflammation and alters respiratory motor control in neonatal rats. <i>Respiratory Physiology and Neurobiology</i> , 2018, 256, 128-142.	0.7	38
7	Isolated adult turtle brainstems exhibit central hypoxic chemosensitivity. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2018, 225, 65-73.	0.8	1
8	Special issue title: "Intermittent hypoxia: Pathologic killer or healing tonic?". <i>Respiratory Physiology and Neurobiology</i> , 2018, 256, 1-3.	0.7	0
9	Respiratory neuron characterization reveals intrinsic bursting properties in isolated adult turtle brainstems ( <i>Trachemys scripta</i> ). <i>Respiratory Physiology and Neurobiology</i> , 2016, 224, 52-61.	0.7	7
10	Daily Isoflurane Exposure Increases Barbiturate Insensitivity in Medullary Respiratory and Cortical Neurons via Expression of $\mu$ -Subunit Containing GABA ARs. <i>PLoS ONE</i> , 2015, 10, e0119351.	1.1	1
11	Abrupt changes in pentobarbital sensitivity in preBötzing complex region, hypoglossal motor nucleus, nucleus tractus solitarius, and cortex during rat transitional period (P10-P15). <i>Respiratory Physiology and Neurobiology</i> , 2015, 207, 61-71.	0.7	4
12	Hypoxia switches episodic breathing to singlet breathing in red-eared slider turtles ( <i>Trachemys</i> ). <i>Journal of Experimental Biology</i> , 2015, 228, 48-57.	0.7	5
13	Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia. <i>Respiratory Physiology and Neurobiology</i> , 2014, 198, 1-12.	0.7	18
14	Isolated in vitro brainstem-spinal cord preparations remain important tools in respiratory neurobiology. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 1-7.	0.7	16
15	Regulation of respiratory-related hypoglossal motor output by $\beta_1$ adrenergic and serotonin 5-HT <sub>3</sub> receptor activation in isolated adult turtle brainstems. <i>Respiratory Physiology and Neurobiology</i> , 2012, 181, 202-213.	0.7	2
16	Behavioral Evaluation of Red-eared Slider Turtles ( <i>Trachemys scripta elegans</i> ) Administered Either Morphine or Butorphanol Following Unilateral Gonadectomy. <i>Journal of Herpetological Medicine and Surgery</i> , 2011, 21, 54.	0.2	24
17	Excitatory and inhibitory effects of opioid agonists on respiratory motor output produced by isolated brainstems from adult turtles ( <i>Trachemys</i> ). <i>Respiratory Physiology and Neurobiology</i> , 2010, 170, 5-15.	0.7	13
18	5-HT <sub>3</sub> receptor-dependent modulation of respiratory burst frequency, regularity, and episodicity in isolated adult turtle brainstems. <i>Respiratory Physiology and Neurobiology</i> , 2010, 172, 42-52.	0.7	8

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19	Protecting motor networks during perinatal ischemia: the case for delta- $\mu$ -opioid receptors. <i>Annals of the New York Academy of Sciences</i> , 2010, 1198, 260-270.	1.8	18
20	Respiratory pattern in midline-lesioned brainstems and hemibrainstems from adult turtles. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 338-349.	0.7	4
21	Inhibitory and excitatory effects of $\hat{\mu}$ , $\hat{\nu}$ , and $\hat{\rho}$ -opioid receptor activation on breathing in awake turtles, <i>Trachemys scripta</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1599-R1612.	0.9	29
22	Are pacemaker properties required for respiratory rhythm generation in adult turtle brain stems in vitro?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R901-R910.	0.9	22
23	Spinal cord injury-induced changes in breathing are not due to supraspinal plasticity in turtles ( <i>Pseudemys scripta</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1550-R1561.	0.9	13
24	Invited Review: Neuroplasticity in respiratory motor control. <i>Journal of Applied Physiology</i> , 2003, 94, 358-374.	1.2	346
25	Activity-dependent plasticity in descending synaptic inputs to respiratory spinal motoneurons. <i>Respiratory Physiology and Neurobiology</i> , 2002, 131, 79-90.	0.7	17
26	Role of synaptic inhibition in turtle respiratory rhythm generation. <i>Journal of Physiology</i> , 2002, 544, 253-265.	1.3	33
27	Plasticity in respiratory motor control: intermittent hypoxia and hypercapnia activate opposing serotonergic and noradrenergic modulatory systems. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2001, 130, 207-218.	0.8	102
28	N-methyl-d-aspartate-mediated bulbospinal respiratory drive is pH/PCO <sub>2</sub> -insensitive in turtle brainstem-spinal cord. <i>Respiration Physiology</i> , 1998, 113, 201-212.	2.8	19
29	Hypoxia, temperature, and pH/CO <sub>2</sub> effects on respiratory discharge from a turtle brain stem preparation. <i>Journal of Applied Physiology</i> , 1998, 84, 649-660.	1.2	31
30	Catecholaminergic modulation of respiratory rhythm in an in vitro turtle brain stem preparation. <i>Journal of Applied Physiology</i> , 1998, 85, 105-114.	1.2	18