

# Nina S Bradley

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

522  
citations

623734

14  
h-index

642732

23  
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27  
all docs

27  
docs citations

27  
times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Infant grasp learning: a computational model. <i>Experimental Brain Research</i> , 2004, 158, 480-503.	1.5	100
2	Neuromuscular patterns of stereotypic hindlimb behaviors in the first two postnatal months. I. Stepping in normal kittens. <i>Developmental Brain Research</i> , 1988, 38, 37-52.	1.7	53
3	Development of coordinated movement in chicks: I. Temporal analysis of hindlimb muscle synergies at embryonic days 9 and 10. <i>Developmental Psychobiology</i> , 1990, 23, 763-782.	1.6	42
4	Neuromuscular patterns of stereotypic hindlimb behaviors in the first two postnatal months. II. Stepping in spinal kittens. <i>Developmental Brain Research</i> , 1988, 38, 53-67.	1.7	39
5	Neuromuscular patterns of stereotypic hindlimb behaviors in the first two postnatal months. III. Scratching and the paw-shake response in kittens. <i>Developmental Brain Research</i> , 1988, 38, 69-82.	1.7	26
6	Development of coordinated movement in chicks: II. Temporal analysis of hindlimb muscle synergies at embryonic day 10 in embryos with spinal gap transections. <i>Journal of Neurobiology</i> , 1992, 23, 420-432.	3.6	23
7	Ankle Restraint Modifies Motility at E12 in Chick Embryos. <i>Journal of Neurophysiology</i> , 2000, 83, 431-440.	1.8	23
8	Limb Movements During Embryonic Development in the Chick: Evidence for a Continuum in Limb Motor Control Antecedent to Locomotion. <i>Journal of Neurophysiology</i> , 2005, 94, 4401-4411.	1.8	23
9	Transformations in Embryonic Motility in Chick: Kinematic Correlates of Type I and II Motility at E9 and E12. <i>Journal of Neurophysiology</i> , 1999, 81, 1486-1494.	1.8	21
10	Reduction in Buoyancy Alters Parameters of Motility in E9 Chick Embryos. <i>Physiology and Behavior</i> , 1997, 62, 591-595.	2.1	19
11	Socially Assistive Infant-Robot Interaction: Using Robots to Encourage Infant Leg-Motion Training. <i>IEEE Robotics and Automation Magazine</i> , 2019, 26, 12-23.	2.0	19
12	Precocious Locomotor Behavior Begins in the Egg: Development of Leg Muscle Patterns for Stepping in the Chick. <i>PLoS ONE</i> , 2009, 4, e6111.	2.5	17
13	Age-Related Changes and Condition-Dependent Modifications in Distribution of Limb Movements During Embryonic Motility. <i>Journal of Neurophysiology</i> , 2001, 86, 1511-1522.	1.8	15
14	Kinematic analysis of overground locomotion in chicks incubated under different light conditions. <i>Developmental Psychobiology</i> , 2010, 52, 802-812.	1.6	14
15	Fast Locomotor Burst Generation in Late Stage Embryonic Motility. <i>Journal of Neurophysiology</i> , 2008, 99, 1733-1742.	1.8	13
16	Early onset of hindlimb paw-shake responses in spinal kittens: new perspective in motor development. <i>Developmental Brain Research</i> , 1985, 17, 301-303.	1.7	11
17	Light Accelerates Morphogenesis and Acquisition of Interlimb Stepping in Chick Embryos. <i>PLoS ONE</i> , 2012, 7, e51348.	2.5	11
18	Correcting two-dimensional kinematic errors for chick embryonic movements in ovo. <i>Computers in Biology and Medicine</i> , 1994, 24, 305-314.	7.0	10

#	ARTICLE	IF	CITATIONS
19	Selective Effects of Light Exposure on Distribution of Motility in the Chick Embryo at E18. <i>Journal of Neurophysiology</i> , 2003, 90, 1408-1417.	1.8	10
20	Spontaneous locomotor activity in late-stage chicken embryos is modified by stretch of leg muscles. <i>Journal of Experimental Biology</i> , 2014, 217, 896-907.	1.7	9
21	Animal Models Offer the Opportunity to Acquire a New Perspective on Motor Development. <i>Physical Therapy</i> , 1990, 70, 776-787.	2.4	6
22	The development of grasping and the mirror system. , 2006, , 397-423.		6
23	Connecting the Dots Between Animal and Human Studies of Locomotion. Focus on "Infants Adapt Their Stepping to Repeated Trip-Inducing Stimuli". <i>Journal of Neurophysiology</i> , 2003, 90, 2088-2089.	1.8	4
24	Drift during overground locomotion in newly hatched chicks varies with light exposure during embryogenesis. <i>Developmental Psychobiology</i> , 2015, 57, 459-469.	1.6	4
25	Ankle muscle tenotomy does not alter ankle flexor muscle recruitment bias during locomotor-related repetitive limb movement in late-stage chick embryos. <i>Developmental Psychobiology</i> , 2018, 60, 150-164.	1.6	2
26	What Are the Principles of Motor Development?. <i>Medicine and Sport Science</i> , 1992, 36, 41-49.	1.4	1
27	Differences in flexor and extensor activity during locomotor-related leg movements in chick embryos. <i>Developmental Psychobiology</i> , 2017, 59, 357-366.	1.6	1