

Deborah J Gaebler-Spira

List of Publications by Year in descending order

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109
papers

3,575
citations

201674

27
h-index

144013

57
g-index

119
all docs

119
docs citations

119
times ranked

2974
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification and Definition of Disorders Causing Hypertonia in Childhood. <i>Pediatrics</i> , 2003, 111, e89-e97.	2.1	641
2	Cerebral palsy. <i>Nature Reviews Disease Primers</i> , 2016, 2, 15082.	30.5	603
3	Prospective Open-Label Clinical Trial of Trihexyphenidyl in Children With Secondary Dystonia due to Cerebral Palsy. <i>Journal of Child Neurology</i> , 2007, 22, 530-537.	1.4	243
4	Definition and Classification of Negative Motor Signs in Childhood. <i>Pediatrics</i> , 2006, 118, 2159-2167.	2.1	226
5	Health-related quality of life and functional outcome measures for children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2001, 43, 601.	2.1	126
6	Combined Passive Stretching and Active Movement Rehabilitation of Lower-Limb Impairments in Children With Cerebral Palsy Using a Portable Robot. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 378-385.	2.9	102
7	Use of shear wave ultrasound elastography to quantify muscle properties in cerebral palsy. <i>Clinical Biomechanics</i> , 2016, 31, 20-28.	1.2	98
8	Drooling, saliva production, and swallowing in cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2004, 46, 801-806.	2.1	80
9	Changes of calf muscle-tendon biomechanical properties induced by passive-stretching and active-movement training in children with cerebral palsy. <i>Journal of Applied Physiology</i> , 2011, 111, 435-442.	2.5	66
10	Machine Learning of Infant Spontaneous Movements for the Early Prediction of Cerebral Palsy: A Multi-Site Cohort Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 5.	2.4	65
11	Biomechanic characteristics of patients with spastic and dystonic hypertonia in cerebral palsy11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 875-880.	0.9	52
12	Assessment and Treatment of Movement Disorders in Children with Cerebral Palsy. <i>Orthopedic Clinics of North America</i> , 2010, 41, 507-517.	1.2	48
13	Functional outcomes of childhood dorsal rhizotomy in adults and adolescents with cerebral palsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 11, 380-388.	1.3	48
14	In Vivo Evaluations of Morphologic Changes of Gastrocnemius Muscle Fascicles and Achilles Tendon in Children with Cerebral Palsy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011, 90, 364-371.	1.4	47
15	Pallidal Deep-Brain Stimulation Associated With Complete Remission of Self-injurious Behaviors in a Patient With Lesch-Nyhan Syndrome. <i>Journal of Child Neurology</i> , 2012, 27, 117-120.	1.4	47
16	Robotic Resistance Treadmill Training Improves Locomotor Function in Children With Cerebral Palsy: A Randomized Controlled Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 2126-2133.	0.9	45
17	The Cerebral Palsy Research Registry. <i>Journal of Child Neurology</i> , 2011, 26, 1534-1541.	1.4	39
18	Advanced Robotic Therapy Integrated Centers (ARTIC): an international collaboration facilitating the application of rehabilitation technologies. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 30.	4.6	37

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19	Dance program for physical rehabilitation and participation in children with cerebral palsy. <i>Arts and Health</i> , 2012, 4, 39-54.	1.6	36
20	Exploring the Relevance of the Personal and Social Responsibility Model in Adapted Physical Activity: A Collective Case Study. <i>Journal of Teaching in Physical Education</i> , 2004, 23, 71-87.	1.2	35
21	Clinical Application of a Robotic Ankle Training Program for Cerebral Palsy Compared to the Research Laboratory Application: Does It Translate to Practice?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 1433-1440.	0.9	35
22	Home-Based Versus Laboratory-Based Robotic Ankle Training for Children With Cerebral Palsy: A Pilot Randomized Comparative Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 1237-1243.	0.9	35
23	Effects of the Integration of Dynamic Weight Shifting Training Into Treadmill Training on Walking Function of Children with Cerebral Palsy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 765-772.	1.4	35
24	Injury prevention for children with disabilities. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2002, 13, 891-906.	1.3	32
25	Motor Impairments Related to Brain Injury Timing in Early Hemiparesis. Part II. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 24-35.	2.9	32
26	Dance and rehabilitation in cerebral palsy: a systematic search and review. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 393-398.	2.1	30
27	Quantitative evaluations of ankle spasticity and stiffness in neurological disorders using manual spasticity evaluator. <i>Journal of Rehabilitation Research and Development</i> , 2011, 48, 473.	1.6	29
28	Population Pharmacokinetics of Oral Baclofen in Pediatric Patients with Cerebral Palsy. <i>Journal of Pediatrics</i> , 2014, 164, 1181-1188.e8.	1.8	29
29	Spasticity and pain in adults with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 379-385.	2.1	28
30	Motor Impairment Factors Related to Brain Injury Timing in Early Hemiparesis, Part I. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 13-23.	2.9	27
31	The validity and reliability of the Test of Arm Selective Control for children with cerebral palsy: a prospective cross-sectional study. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 374-381.	2.1	27
32	Nonseizure consequences of Dravet syndrome, KCNQ2-DEE, KCNB1-DEE, Lennox-Gastaut syndrome, ESES: A functional framework. <i>Epilepsy and Behavior</i> , 2020, 111, 107287.	1.7	26
33	Effects on motor development of kicking and stepping exercise in preterm infants with periventricular brain injury: A pilot study. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2012, 5, 15-27.	0.5	24
34	Pilot study of a targeted dance class for physical rehabilitation in children with cerebral palsy. <i>SAGE Open Medicine</i> , 2016, 4, 205031211667092.	1.8	24
35	The development of Bayesian integration in sensorimotor estimation. <i>Journal of Vision</i> , 2018, 18, 8.	0.3	24
36	Development and Validation of a Deep Learning Method to Predict Cerebral Palsy From Spontaneous Movements in Infants at High Risk. <i>JAMA Network Open</i> , 2022, 5, e2221325.	5.9	23

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37	Effects of Neuromuscular Electrical Stimulation Treatment of Cerebral Palsy on Potential Impairment Mechanisms: A Pilot Study. <i>Pediatric Physical Therapy</i> , 2006, 18, 31-38.	0.6	22
38	The Predictive Accuracy of the General Movement Assessment for Cerebral Palsy: A Prospective, Observational Study of High-Risk Infants in a Clinical Follow-Up Setting. <i>Journal of Clinical Medicine</i> , 2019, 8, 1790.	2.4	21
39	Dystonia in Childhood. <i>Journal of Child Neurology</i> , 2013, 28, 340-350.	1.4	20
40	Urinary Incontinence in Adults With Cerebral Palsy: Prevalence, Type, and Effects on Participation. <i>PM and R</i> , 2014, 6, 110-120.	1.6	20
41	Prescribing Assistive-Technology Systems: Focus on Children With Impaired Communication. <i>Pediatrics</i> , 2008, 121, 1271-1280.	2.1	17
42	Cross-Sectional Study of Bowel Symptoms in Adults With Cerebral Palsy: Prevalence and Impact on Quality of Life. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 2176-2183.	0.9	17
43	Technological Advancements in Cerebral Palsy Rehabilitation. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2020, 31, 117-129.	1.3	16
44	Sport and the Person with Spasticity of Cerebral Origin. <i>Developmental Medicine and Child Neurology</i> , 1996, 38, 867-870.	2.1	15
45	Kinematic and EMG Responses to Pelvis and Leg Assistance Force during Treadmill Walking in Children with Cerebral Palsy. <i>Neural Plasticity</i> , 2016, 2016, 1-12.	2.2	15
46	Gradual increase of perturbation load induces a longer retention of locomotor adaptation in children with cerebral palsy. <i>Human Movement Science</i> , 2019, 63, 20-33.	1.4	15
47	Measuring Care and Comfort in Children With Cerebral Palsy: The Care and Comfort Caregiver Questionnaire. <i>PM and R</i> , 2011, 3, 912-919.	1.6	13
48	Efficacy of robotic rehabilitation of ankle impairments in children with cerebral palsy. , 2010, 2010, 4481-4.		12
49	Breast cancer screening in women with cerebral palsy: Could care delivery be improved?. <i>Disability and Health Journal</i> , 2018, 11, 435-441.	2.8	12
50	Conductive Education. <i>Physical and Occupational Therapy in Pediatrics</i> , 2007, 27, 45-62.	1.3	12
51	Self-Help and Upper Extremity Changes in 36 Children with Cerebral Palsy Subsequent to Selective Posterior Rhizotomy and Intensive Occupational and Physical Therapy. <i>Physical and Occupational Therapy in Pediatrics</i> , 1994, 13, 25-42.	1.3	11
52	Improvements in Children With Cerebral Palsy Following Intrathecal Baclofen. <i>Journal of Child Neurology</i> , 2014, 29, 312-317.	1.4	11
53	Diet quality in adults with cerebral palsy: a modifiable risk factor for cardiovascular disease prevention. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1221-1228.	2.1	10
54	Participation of the child with cerebral palsy in the home, school, and community: A review of the literature. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2008, 1, 101-11.	0.5	10

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55	Neural and non-neural contributions to ankle spasticity in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1040-1046.	2.1	9
56	IncobotulinumtoxinA Efficacy/Safety in Upper-Limb Spasticity in Pediatric Cerebral Palsy: Randomized Controlled Trial. <i>Pediatric Neurology</i> , 2021, 123, 10-20.	2.1	9
57	Measurement of Elbow Spasticity in Stroke Patients Using a Manual Spasticity Evaluator. , 2006, 2006, 3974-7.		8
58	Effects of an Off-Axis Pivoting Elliptical Training Program on Gait Function in Persons With Spastic Cerebral Palsy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 515-522.	1.4	8
59	Nonsurgical Treatment Options for Upper Limb Spasticity. <i>Hand Clinics</i> , 2018, 34, 455-464.	1.0	8
60	Health-related quality of life and functional outcome measures for children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2001, 43, 601-608.	2.1	7
61	Behavior During Tethered Kicking in Infants With Periventricular Brain Injury. <i>Pediatric Physical Therapy</i> , 2015, 27, 403-412.	0.6	7
62	Breast Health Experiences in Women with Cerebral Palsy: A Qualitative Approach. <i>Women S Health Reports</i> , 2021, 2, 195-200.	0.8	7
63	Correlation between fractional anisotropy and motor outcomes in one-year-old infants with periventricular brain injury. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 949-957.	3.4	6
64	Systematic Review of Cerebral Palsy Registries/Surveillance Groups: Relationships between Registry Characteristics and Knowledge Dissemination. <i>International Journal of Physical Medicine & Rehabilitation</i> , 2015, 03, .	0.5	6
65	The integration of probabilistic information during sensorimotor estimation is unimpaired in children with Cerebral Palsy. <i>PLoS ONE</i> , 2017, 12, e0188741.	2.5	6
66	Combined Ankle/Knee Stretching and Pivoting Stepping Training for Children With Cerebral Palsy. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1743-1752.	4.9	6
67	Understanding children with cerebral palsy and bullying: A mixed methods approach. <i>Child: Care, Health and Development</i> , 2020, 46, 303-309.	1.7	6
68	Dysautonomia and functional impairment in rare developmental and epileptic encephalopathies: the other nervous system. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1433-1440.	2.1	6
69	Conductive Education. <i>Physical and Occupational Therapy in Pediatrics</i> , 2007, 27, 45-62.	1.3	5
70	Changes of calf muscle-tendon properties due to stretching and active movement of children with cerebral palsy – a pilot study. , 2009, 2009, 5287-90.		5
71	Locomotor training through a 3D cable-driven robotic system for walking function in children with cerebral palsy: A pilot study. , 2014, 2014, 3529-32.		5
72	Home-based tele-assisted robotic rehabilitation of joint impairments in children with cerebral palsy. , 2014, 2014, 5288-91.		4

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73	Physical and Environmental Barriers to Mobility and Participation in Children With Medical Complexity: A Qualitative Study. <i>Clinical Pediatrics</i> , 2022, 61, 717-726.	0.8	4
74	Parent-Professional Partnership. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2009, 20, 577-585.	1.3	3
75	Cerebral Palsy. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2019, 12, 113-114.	0.5	3
76	Clinical Characteristics Associated with Reduced Selective Voluntary Motor Control in the Upper Extremity of Individuals with Spastic Cerebral Palsy. <i>Developmental Neurorehabilitation</i> , 2021, 24, 215-221.	1.1	3
77	Degree of ventriculomegaly predicts school-aged functional outcomes in preterm infants with intraventricular hemorrhage. <i>Pediatric Research</i> , 2022, 91, 1238-1247.	2.3	3
78	Overview of Sensorimotor Dysfunction in Cerebral Palsy. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2011, 17, 50-53.	1.8	3
79	Crouch Gait in Dravet Syndrome. <i>Pediatric Neurology Briefs</i> , 2016, 30, 42.	0.2	3
80	“High-risk for cerebral palsy” designation: A clinical consensus statement. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2022, 15, 165-174.	0.5	3
81	Spasticity-related pain in children/adolescents with cerebral palsy. Part 1: Prevalence and clinical characteristics from a pooled analysis. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2022, 15, 129-143.	0.5	3
82	Shoulder Support for Children with Subluxation: A Case Study. <i>Journal of Prosthetics and Orthotics</i> , 2005, 17, 74-79.	0.4	2
83	Efficacy and safety of incobotulinumtoxinA for lower-limb spasticity in children and adolescents with cerebral palsy. <i>Toxicon</i> , 2018, 156, S44.	1.6	2
84	The association of hepatoblastoma, prematurity and cerebral palsy: Case reports. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2020, 13, 185-188.	0.5	2
85	Women with cerebral palsy: A qualitative study about their experiences with sexual and reproductive health education and services. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2021, 14, 285-293.	0.5	2
86	Adult outcomes for children who sustained firearm-related spinal cord injuries. <i>Journal of Spinal Cord Medicine</i> , 2023, 46, 68-74.	1.4	2
87	Caffeine as a neurostimulant: Two pediatric acquired brain injury cases. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2010, 3, 229-232.	0.5	1
88	Validation of the “10 Numeric Rating Scale Measure of Spasticity in Children with Cerebral Palsy. <i>Journal of Pediatric Neurology</i> , 2016, 14, 012-016.	0.2	1
89	Mobility in Individuals with Cerebral Palsy: What is the Impact on Anthropometric Weight and Quantitative Body Composition Measures?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, e54.	0.9	1
90	Long-term safety and efficacy of incobotulinumtoxinA for lower- or combined upper- and lower-limb spasticity in children and adolescents with cerebral palsy. <i>Toxicon</i> , 2018, 156, S56.	1.6	1

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91	Association Between Daily Physical Activity and Clinical Anthropomorphic Measures in Adults With Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2022, 103, 1777-1785.	0.9	1
92	Poster 285: The Use of Caffeine as a Neurostimulant in Pediatric Brain Injury: A Case Series. Archives of Physical Medicine and Rehabilitation, 2008, 89, e111-e112.	0.9	0
93	Poster 297: The Fitting of a Unilateral Prosthesis after Shoulder Disarticulation: A Case Report. PM and R, 2009, 1, S233-S233.	1.6	0
94	The fitting of a unilateral shoulder disarticulation prosthesis after electrical burn injury: A case report. Journal of Pediatric Rehabilitation Medicine, 2009, 2, 229-233.	0.5	0
95	Physical and Social Participation Factors Impacting Quality of Life in Ambulatory Children and Adolescents With Cerebral Palsy. PM and R, 2010, 2, S3.	1.6	0
96	Poster 300: Measuring Care and Comfort in Children With Cerebral Palsy: The Care and Comfort Caregiver Questionnaire (CareQ). PM and R, 2010, 2, S134.	1.6	0
97	Clinical Use of the Intelligent Stretcher: Comparison with Research Setting Results in a Retrospective and Prospective Chart Review. PM and R, 2013, 5, S131-S132.	1.6	0
98	Participation: remembering the "handicap". Developmental Medicine and Child Neurology, 2016, 58, 6-7.	2.1	0
99	Poster 217 Provider Barriers to Mammography Screening in Women with CP. PM and R, 2016, 8, S231.	1.6	0
100	Poster 328 Does Mobility Status or Spasticity Contribute to the Metabolic Profile and Body Composition in Individuals with Cerebral Palsy?. PM and R, 2016, 8, S267-S268.	1.6	0
101	Poster 15 Women with Neurologic Disabilities: What are the Barriers to Breast Health Screening?. PM and R, 2016, 8, S165-S166.	1.6	0
102	Investigating Toileting Mastery in Children with Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2018, 99, e21-e22.	0.9	0
103	It all started with a clubfoot: Beliefs surrounding cerebral palsy throughout history. Journal of Pediatric Rehabilitation Medicine, 2019, 12, 115-121.	0.5	0
104	MRI and Motor Outcomes in Children with Cerebral Palsy. Pediatric Neurology Briefs, 2015, 29, 60.	0.2	0
105	Functional Dystonias. , 2016, , 1-14.		0
106	Functional Dystonias. , 2018, , 1267-1279.		0
107	Functional Dystonias. , 2018, , 1-14.		0
108	Case scenarios for training in Pediatric Rehabilitation Medicine. Journal of Pediatric Rehabilitation Medicine, 2008, 1, 89-91.	0.5	0

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109	Measurement of Elbow Spasticity in Stroke Patients Using a Manual Spasticity Evaluator. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0