

Rita M Patterson

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,058
citations

840776

11
h-index

794594

19
g-index

34
all docs

34
docs citations

34
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	The dorsal ligaments of the wrist: Anatomy, mechanical properties, and function. <i>Journal of Hand Surgery</i> , 1999, 24, 456-468.	1.6	215
2	Soft robotic devices for hand rehabilitation and assistance: a narrative review. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 9.	4.6	209
3	The role of the dorsal intercarpal ligament in dynamic and static scapholunate instability. <i>Journal of Hand Surgery</i> , 2004, 29, 279-288.	1.6	185
4	Material Properties of Thera-Band Tubing. <i>Physical Therapy</i> , 2001, 81, 1437-1445.	2.4	94
5	High-speed, three-dimensional kinematic analysis of the normal wrist. <i>Journal of Hand Surgery</i> , 1998, 23, 446-453.	1.6	87
6	Three-Dimensional Description of Ligamentous Attachments Around the Lunate. <i>Journal of Hand Surgery</i> , 2005, 30, 685-692.	1.6	58
7	An Attachment-Based Description of the Medial Collateral and Spring Ligament Complexes. <i>Foot and Ankle International</i> , 2015, 36, 710-721.	2.3	53
8	A pilot study on the design and validation of a hybrid exoskeleton robotic device for hand rehabilitation. <i>Journal of Hand Therapy</i> , 2020, 33, 198-208.	1.5	33
9	Three-Dimensional Imaging of the Carpal Ligaments. <i>Hand Clinics</i> , 2006, 22, 399-412.	1.0	20
10	Prediction of Ligament Length and Carpal Diastasis During Wrist Flexion/Extension and After Simulated Scapholunate Instability. <i>Journal of Hand Surgery</i> , 2013, 38, 509-518.	1.6	20
11	Carpal Kinematics During Simulated Active and Passive Motion of the Wrist. <i>Journal of Hand Surgery</i> , 2007, 32, 1013-1019.	1.6	17
12	Soft Robotic Rehabilitation Exoskeleton (REHAB Glove) for Hand Therapy. , 2017, , .		14
13	Predicting UPDRS Motor Symptoms in Individuals With Parkinson's Disease From Force Plates Using Machine Learning. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 3486-3494.	6.3	10
14	A current snapshot of the state of 3D printing in hand rehabilitation. <i>Journal of Hand Therapy</i> , 2020, 33, 156-163.	1.5	9
15	Effects of osteopathic manipulative treatment vs. osteopathic cranial manipulative medicine on Parkinsonian gait. <i>Journal of Osteopathic Medicine</i> , 2022, 122, 243-251.	0.8	8
16	Kinematic Study of a Soft-and-Rigid Robotic Digit for Rehabilitation and Assistive Applications. , 2016, , .		5
17	Development of a novel visuomotor integration paradigm by integrating a virtual environment with mobile eye-tracking and motion-capture systems. , 2017, 2017, .		5
18	Lateral epicondylitis: A literature review to link pathology and tendon function to tissue-level treatment and ergonomic interventions. <i>Journal of Hand Therapy</i> , 2021, 34, 263-297.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Medical virtual reality. Journal of Hand Therapy, 2020, 33, 243-245.	1.5	5
20	A sensitive data analysis approach for detecting changes in dynamic postural stability. Journal of Biomechanics, 2020, 108, 109899.	2.1	2
21	Autistic Children Use Less Efficient Goal-Directed Whole Body Movements Compared to Neurotypical Development. Journal of Autism and Developmental Disorders, 2023, 53, 2806-2817.	2.7	2
22	Effect of age on performance of task with spatial conflict. , 2013, , .		1
23	What does hand rehabilitation look like in 50 years?. Journal of Hand Therapy, 2020, 33, 269-270.	1.5	1
24	Resultant Carpal Kinematics With Respect to Muscle Force Application. , 2007, , .		0
25	Innovation in hand therapy: A reflection on the past and thoughts for the future. Journal of Hand Therapy, 2020, 33, 153-155.	1.5	0
26	Hand Grasping Kinematics. , 2007, , .		0
27	Moment Arms of the Intrinsic Muscles at the PIP Joint of the Middle Finger are Independent of the Position of the MCP Joint. , 2007, , .		0
28	3D Kinematic Analysis of the Carpometacarpal Joints. , 2001, , .		0
29	Carpal Kinematics During Radial Ulnar Deviation. , 1999, , .		0
30	A Three-Dimensional Computer Simulation for Interactive Adjustment of Multiple Axes of Motion for the Upper Extremity. , 1997, , .		0
31	Quantification of Femoral Surface Strain After Cementless Stem Implantation by Computer Analysis of the Photoelastic Method. , 1997, , .		0
32	Quantification of Femoral Surface Strain by Computer Analysis of the Photoelastic Method. , 1998, , .		0
33	Comparison of Knee Flexion Angle Using Two Measurement Techniques. , 1998, , .		0