

# Esteban Peñ̃a-Pitarch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/472118/publications.pdf>

Version: 2024-02-01

30  
papers

283  
citations

1307594

7  
h-index

996975

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hand Motion Analysis during the Execution of the Action Research Arm Test Using Multiple Sensors. Sensors, 2022, 22, 3276.	3.8	2
2	Quantitative Assessment of Hand Function in Healthy Subjects and Post-Stroke Patients with the Action Research Arm Test. Sensors, 2022, 22, 3604.	3.8	6
3	Introductory Analysis of Human Upper Extremity After Stroke. , 2021, , 828-844.		0
4	Virtual Human Hand: Grasps and Fingertip Deformation. Advances in Intelligent Systems and Computing, 2020, , 484-492.	0.6	3
5	Reliability and Diagnostic Accuracy of a New Vaginal Dynamometer to Measure Pelvic Floor Muscle Strength. Female Pelvic Medicine and Reconstructive Surgery, 2020, 26, 514-519.	1.1	7
6	PREFACE: A SPECIAL SELECTION ON MECHANICAL ENGINEERING APPLIED TO BIOMEDICINE â PART II. Journal of Mechanics in Medicine and Biology, 2020, 20, 2002002.	0.7	1
7	PREFACE: A SPECIAL SELECTION ON MECHANICAL ENGINEERING APPLIED TO BIOMEDICINE â PART I. Journal of Mechanics in Medicine and Biology, 2020, 20, 2002001.	0.7	1
8	Numerical Model for a Nineteenth-Century Hydrometric Module. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, 05019008.	1.0	0
9	Introductory Analysis of Human Upper Extremity After Stroke. International Journal of Privacy and Health Information Management, 2019, 7, 45-60.	0.2	2
10	PREFACE: A SPECIAL SELECTION ON BIOMECHANICS IN MEDICAL APPLICATIONS-PART II. Journal of Mechanics in Medicine and Biology, 2019, 19, 1902004.	0.7	1
11	PREFACE: A SPECIAL SELECTION ON BIOMECHANICS IN MEDICAL APPLICATION - PART I. Journal of Mechanics in Medicine and Biology, 2019, 19, 1902003.	0.7	0
12	PREFACE â A SPECIAL SELECTION ON BIOLOGICAL APPLICATIONS OF MECHANICS - PART II. Journal of Mechanics in Medicine and Biology, 2018, 18, 1802002.	0.7	2
13	PREFACE: â A SPECIAL SELECTION ON BIOLOGICAL APPLICATIONS OF MECHANICS â PART Iâ Journal of Mechanics in Medicine and Biology, 2018, 18, 1802001.	0.7	5
14	An Improved High-Pressure Roll Crusher Model for Tungsten and Tantalum Ores. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	14
15	Breakage Function for HPGR: Mineral and Mechanical Characterization of Tantalum and Tungsten Ores. Minerals (Basel, Switzerland), 2018, 8, 170.	2.0	14
16	Intraâcrater reliability and diagnostic accuracy of a new vaginal dynamometer to measure pelvic floor muscle strength in women with urinary incontinence. Neurourology and Urodynamics, 2017, 36, 333-337.	1.5	14
17	Driving device for a hand movement without external force. Mechanism and Machine Theory, 2016, 105, 388-396.	4.5	3
18	Estudio del comportamiento termo-mecÃnico de un acero microaleado de medio carbono durante un proceso de conformado en caliente usando una red neuronal artificial. Revista De Metalurgia, 2016, 52, e066.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Virtual human hand: model and kinematics. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 568-579.	1.6	30
20	Effect of human link length determination on posture reconstruction. Applied Ergonomics, 2013, 44, 93-100.	3.1	6
21	Nonlinear inverse optimization approach for determining the weights of objective function in standing reach tasks. Computers and Industrial Engineering, 2012, 63, 791-801.	6.3	2
22	Tools to design new devices for rehabilitation or robotics. , 2011, , .		0
23	Virtual Human Hand: Grasping and Simulation. Lecture Notes in Computer Science, 2009, , 140-149.	1.3	4
24	Optimal Trajectory Planning for Redundant Manipulators Based on Minimum Jerk. , 2008, , .		6
25	Synthesis and analysis of a flexible elephant trunk robot. Advanced Robotics, 2006, 20, 631-659.	1.8	38
26	Joystick Ergonomic Study in Material Handling Using Virtual Humans. , 2005, , 1415.		1
27	SANTOS, c Hand: A 25 Degree-of-Freedom Model. , 2005, , .		20
28	A Light Weight Compliant Hand Mechanism With High Degrees of Freedom. Journal of Biomechanical Engineering, 2005, 127, 934-945.	1.3	11
29	A multi-fingered hand prosthesis. Mechanism and Machine Theory, 2004, 39, 555-581.	4.5	68
30	Posture Prediction and Force/Torque Analysis for Human Hands. , 0, , .		22