Patrizio Sale

List of Publications by Year
in descending order

99 papers	4,082 citations	109321 35 h-index	128289 60 g-index
106 all docs	106 docs citations	106 times ranked	8480 citing authors

#	Article	IF	Citations
1	Action Observation Therapy for Upper Limb Recovery in Patients with Stroke: A Randomized Controlled Pilot Study. Brain Sciences, 2021, 11, 290.	2.3	8
2	Virtual reality and feeling of falling: a physiological wearable tool for virtual reality sickness. , 2021, , .		0
3	Does aquatic thermal therapy improve quality of life after total hip replacement? A retrospective preliminary pilot study. International Journal of Biometeorology, 2020, 64, 1023-1026.	3.0	8
4	Clinical effects of robot-assisted gait training and treadmill training for Parkinson's disease. A randomized controlled trial. Annals of Physical and Rehabilitation Medicine, 2019, 62, 303-312.	2.3	53
5	Effects of capacitive and resistive electric transfer therapy in patients with knee osteoarthritis: a randomized controlled trial. International Journal of Rehabilitation Research, 2019, 42, 106-111.	1.3	20
6	Smartphone applications validated for joint angle measurement: a systematic review. International Journal of Rehabilitation Research, 2019, 42, 11-19.	1.3	18
7	Can muscle vibration be the future in the treatment of cerebral palsy-related drooling? A feasibility study.. International Journal of Medical Sciences, 2019, 16, 1447-1452.	2.5	9
8	Is the aquatic thermal environment a suitable place for providing rehabilitative treatment for person with Parkinsonâ€™s disease? A retrospective study. International Journal of Biometeorology, 2019, 63, 13-18.	3.0	18
9	Gerontechnology, Domotics, and Robotics. Practical Issues in Geriatrics, 2018, , 161-169.	0.8	10
10	Cognitive Rehabilitation Therapy for Neurologic Diseases. Practical Issues in Geriatrics, 2018, , 341-347.	0.8	1
11	Clinical measurement tools to assess trunk performance after stroke: a systematic review. European Journal of Physical and Rehabilitation Medicine, 2018, 54, 772-784.	2.2	30
12	Predicting Motor and Cognitive Improvement Through Machine Learning Algorithm in Human Subject that Underwent a Rehabilitation Treatment in the Early Stage of Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2962-2972.	1.6	22
13	Training for mobility with exoskeleton robot in spinal cord injury patients: a pilot study. European Journal of Physical and Rehabilitation Medicine, 2018, 54, 745-751.	2.2	31
14	Action Observation in People with Parkinsonâ€™s Disease. A Motorâ€“Cognitive Combined Approach for Motor Rehabilitation. A Preliminary Report. Diseases (Basel, Switzerland), 2018, 6, 58.	2.5	10
15	FEX a Fingers Extending eXoskeleton for Rehabilitation and Regaining Mobility. Mechanisms and Machine Science, 2018, , 813-824.	0.5	0
16	The worse is the clinical status of the patient with Parkinson, the higher is the stride length percentage of improvement after Automated Mechanical Peripheral Stimulation.. Parkinsonism and Related Disorders, 2016, 22, e12.	2.2	0
17	Effects on mobility training and de-adaptations in subjects with Spinal Cord Injury due to a Wearable Robot: a preliminary report. BMC Neurology, 2016, 16, 12.	1.8	49
18	The experience of living with stroke and using technology: opportunities to engage and co-design with end users. Disability and Rehabilitation: Assistive Technology, 2016, 11, 653-660.	2.2	44

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19	SmartCAREâ€"An ICT Platform in the Domain of Stroke Pathology to Manage Rehabilitation Treatment and Telemonitoring at Home. Smart Innovation, Systems and Technologies, 2016, , 39-49.	0.6	11
20	Inflammatory Biomarker and Stroke Rehabilitation a New Point of View about the Role in Prognostic Factor. International Journal of Physical Medicine & Rehabilitation, 2016, 4, .	0.5	1
21	78. Spatiotemporal changes in gait performance due to onabotulinumtoxinA injection to lower limb muscles in patients with upper motor neuron syndrome. Toxicon, 2015, 93, S24-S25.	1.6	2
22	Feasibility study into self-administered training at home using an arm and hand device with motivational gaming environment in chronic stroke. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 89.	4.6	99
23	Electroencephalographic markers of robot-aided therapy in stroke patients for the evaluation of upper limb rehabilitation. International Journal of Rehabilitation Research, 2015, 38, 294-305.	1.3	7
24	The Parkinsonian Gait Spatiotemporal Parameters Quantified by a Single Inertial Sensor before and after Automated Mechanical Peripheral Stimulation Treatment. Parkinson's Disease, 2015, 2015, 1-6.	1.1	33
25	Long-term effects of automated mechanical peripheral stimulation on gait patterns of patients with Parkinsonâ€™s disease. International Journal of Rehabilitation Research, 2015, 38, 238-245.	1.3	18
26	Hemiparetic gait and changes in functional performance due to OnabotulinumtoxinA injection to lower limb muscles. Toxicon, 2015, 107, 109-113.	1.6	14
27	Acute Modulation of Brain Connectivity in Parkinson Disease after Automatic Mechanical Peripheral Stimulation: A Pilot Study. PLoS ONE, 2015, 10, e0137977.	2.5	24
28	Action Observation Therapy in the Subacute Phase Promotes Dexterity Recovery in Right-Hemisphere Stroke Patients. BioMed Research International, 2014, 2014, 1-7.	1.9	50
29	Effects of robot assisted gait training in progressive supranuclear palsy (PSP): a preliminary report. Frontiers in Human Neuroscience, 2014, 8, 207.	2.0	20
30	Grasps Recognition and Evaluation of Stroke Patients for Supporting Rehabilitation Therapy. BioMed Research International, 2014, 2014, 1-14.	1.9	8
31	Segmental muscle vibration modifies muscle activation during reaching in chronic stroke: A pilot study. NeuroRehabilitation, 2014, 35, 405-414.	1.3	21
32	Track K. Biomedizinische Technik, 2014, 59, s700-57.	0.8	1
33	Short-term and long-term outcomes of serial robotic training for improving upper limb function in chronic stroke. International Journal of Rehabilitation Research, 2014, 37, 67-73.	1.3	14
34	Recovery of hand function with robot-assisted therapy in acute stroke patients. International Journal of Rehabilitation Research, 2014, 37, 236-242.	1.3	77
35	Design, development and deployment of a hand/wrist exoskeleton for home-based rehabilitation after stroke - SCRIPT project. Robotica, 2014, 32, 1331-1346.	1.9	75
36	Technical evaluation of and clinical experiences with the SCRIPT passive wrist and hand orthosis. , 2014, , .		8

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37	No. 85 Spatiotemporal Changes in Gait Performance Due to OnabotulinumtoxinA Injection to Lower Limb Muscles in Patients With Upper Motor Neuron Syndrome. PM and R, 2014, 6, S112.	1.6	0
38	Effects of upper limb robot-assisted therapy on motor recovery in subacute stroke patients. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 104.	4.6	107
39	Preliminary Findings of Feasibility and Compliance of Technology-Supported Distal Arm Training at Home after Stroke. Biosystems and Biorobotics, 2014, , 665-673.	0.3	4
40	Robot-assisted walking training for individuals with Parkinsonâ€™s disease: a pilot randomized controlled trial. BMC Neurology, 2013, 13, 50.	1.8	55
41	Effect of End-Effector Robot-Assisted Therapy in Progressive Supranuclear Palsy Patients. PM and R, 2013, 5, S151-S151.	1.6	0
42	Effects of proximal and distal robot-assisted upper limb rehabilitation on chronic stroke recovery. NeuroRehabilitation, 2013, 33, 33-39.	1.3	37
43	Upper Limb Robot-Assisted Therapy in Chronic and Subacute Stroke Patients. American Journal of Physical Medicine and Rehabilitation, 2013, 92, e26-e37.	1.4	38
44	Segmental muscle vibration improves reaching movement in patients with chronic stroke. A randomized controlled trial. NeuroRehabilitation, 2013, 32, 591-599.	1.3	41
45	Effects of upper limb robot-assisted therapy on motor recovery of subacute stroke patients: A kinematic approach. , 2013, 2013, 6650503.		5
46	Systematic review of outcome measures of walking training using electromechanical and robotic devices in patients with stroke. Journal of Rehabilitation Medicine, 2013, 45, 987-996.	1.1	65
47	Upper Limb Robot-Assisted Therapy in Chronic and Subacute Stroke Patients: A Kinematic Analysis. Biosystems and Biorobotics, 2013, , 129-133.	0.3	6
48	Walking Performance: Correlation between Energy Cost of Walking and Walking Participation. New Statistical Approach Concerning Outcome Measurement. PLoS ONE, 2013, 8, e56669.	2.5	46
49	Hand Robotics Rehabilitation: Feasibility and Preliminary Results of a Robotic Treatment in Patients with Hemiparesis. Stroke Research and Treatment, 2012, 2012, 1-5.	0.8	72
50	Sport, free time and hobbies in people with spinal cord injury. Spinal Cord, 2012, 50, 452-456.	1.9	17
51	Clinical Relevance of Action Observation in Upper-Limb Stroke Rehabilitation. Neurorehabilitation and Neural Repair, 2012, 26, 456-462.	2.9	155
52	Predictors of Changes in Sentimental and Sexual Life After Traumatic Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1944-1949.	0.9	16
53	Caveolinâ€1 overexpression is associated with simultaneous abnormal expression of the Eâ€cadherin/Î±â€“Î² catenins complex and multiple erbb receptors and with lymph nodes metastasis in head and neck squamous cell carcinomas. Journal of Cellular Physiology, 2012, 227, 3344-3353.	4.1	40
54	Action observation and mirror neuron network: a tool for motor stroke rehabilitation. European Journal of Physical and Rehabilitation Medicine, 2012, 48, 313-8.	2.2	71

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55	Use of the robot assisted gait therapy in rehabilitation of patients with stroke and spinal cord injury. European Journal of Physical and Rehabilitation Medicine, 2012, 48, 111-21.	2.2	97
56	Redox Regulation of the Influenza Hemagglutinin Maturation Process: A New Cell-Mediated Strategy for Anti-Influenza Therapy. Antioxidants and Redox Signaling, 2011, 15, 593-606.	5.4	73
57	The Role of the European Physiatrist in Traumatic Brain Injury. American Journal of Physical Medicine and Rehabilitation, 2011, 90, 83-86.	1.4	2
58	Pro-inflammatory gene expression in solid glioblastoma microenvironment and in hypoxic stem cells from human glioblastoma. Journal of Neuroinflammation, 2011, 8, 32.	7.2	102
59	Robot-aided therapy for upper limbs in patients with stroke-related lesions. Brief report of a clinical experience. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 18.	4.6	49
60	Susceptibility of isolated myofibrils to in vitro glutathionylation: Potential relevance to muscle functions. Cytoskeleton, 2010, 67, 81-89.	2.0	20
61	The origin recognition complex subunit, ORC3, is developmentally regulated and supports the expression of biochemical markers of neuronal maturation in cultured cerebellar granule cells. Brain Research, 2010, 1358, 1-10.	2.2	5
62	Ovarian cancer cytoreduction induces changes in T cell population subsets reducing immunosuppression. Journal of Cellular and Molecular Medicine, 2010, 14, 2748-2759.	3.6	61
63	mGLU3 metabotropic glutamate receptors modulate the differentiation of SVZâ€derived neural stem cells towards the astrocytic lineage. Glia, 2010, 58, 813-822.	4.9	24
64	Upâ€regulation of proâ€inflammatory genes as adaptation to hypoxia in MCFâ€7 cells and in human mammary invasive carcinoma microenvironment. Cancer Science, 2010, 101, 1014-1023.	3.9	57
65	The Parkinson-associated protein PINK1 interacts with Beclin1 and promotes autophagy. Cell Death and Differentiation, 2010, 17, 962-974.	11.2	233
66	High prevalence of intramural coronary infection in patients with drug-resistant cardiac syndrome X: comparison with chronic stable angina and normal controls. Heart, 2010, 96, 1926-1931.	2.9	13
67	Common microâ€RNA signature in skeletal muscle damage and regeneration induced by Duchenne muscular dystrophy and acute ischemia. FASEB Journal, 2009, 23, 3335-3346.	0.5	235
68	Lipidoâ€sterolic extract of Serenoa repens (LSESr, PermixonÂ®) treatment affects human prostate cancer cell membrane organization. Journal of Cellular Physiology, 2009, 219, 69-76.	4.1	21
69	Upâ€regulation of the inflammatoryâ€reparative phenotype in human prostate carcinoma. Prostate, 2009, 69, 1245-1255.	2.3	50
70	Immunogenicity of Allo-Vesicle Carrying ERBB2 Tumor Antigen for Dendritic Cell-Based Anti-Tumor Immunotherapy. International Journal of Immunopathology and Pharmacology, 2009, 22, 647-658.	2.1	30
71	Gait impairment in neurological disorders: a new technological approach. Functional Neurology, 2009, 24, 179-83.	1.3	10
72	Myosin as a potential redox-sensor: an inÂvitro study. Journal of Muscle Research and Cell Motility, 2008, 29, 119-126.	2.0	37

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73	p53 gene mutational rate, Gleason score, and BK virus infection in prostate adenocarcinoma: Is there a correlation?. Journal of Medical Virology, 2008, 80, 2100-2107.	5.0	29
74	Metabotropic glutamate receptors regulate differentiation of embryonic stem cells into GABAergic neurons. Cell Death and Differentiation, 2008, 15, 700-707.	11.2	18
75	Type-3 metabotropic glutamate receptors negatively modulate bone morphogenetic protein receptor signaling and support the tumourigenic potential of glioma-initiating cells. Neuropharmacology, 2008, 55, 568-576.	4.1	40
76	GD3 nuclear localization after apoptosis induction in HUT-78 cells. Biochemical and Biophysical Research Communications, 2008, 368, 495-500.	2.1	15
77	Insulin-like growth factor-1 inhibits STS-induced cell death and increases functional recovery of in vitro differentiated neurons. Cell Cycle, 2008, 7, 3869-3877.	2.6	4
78	Real-Time Polymerase Chain Reaction and Laser Capture Microdissection: An Efficient Combination Tool for Chlamydophila Pneumoniae DNA Quantification and Localization of Infection in Atherosclerotic Lesions. International Journal of Immunopathology and Pharmacology, 2008, 21, 421-428.	2.1	8
79	Induction of autophagic cell death by a novel molecule Is increased by hypoxia. Autophagy, 2008, 4, 1042-1053.	9.1	28
80	Tumor-Associated Tn-MUC1 Glycoform Is Internalized through the Macrophage Galactose-Type C-Type Lectin and Delivered to the HLA Class I and II Compartments in Dendritic Cells. Cancer Research, 2007, 67, 8358-8367.	0.9	122
81	Metabotropic glutamate receptors in stem/progenitor cells. Neuropharmacology, 2007, 53, 473-480.	4.1	65
82	Ullrich myopathy phenotype with secondary ColVI defect identified by confocal imaging and electron microscopy analysis. Neuromuscular Disorders, 2007, 17, 587-596.	0.6	24
83	Metabotropic glutamate receptors: Beyond the regulation of synaptic transmission. Psychoneuroendocrinology, 2007, 32, S40-S45.	2.7	29
84	Hypersensitivity myocarditis induced by beta-blockers: an unexpected cause of abrupt deterioration in hypertrophic cardiomyopathy. Intensive Care Medicine, 2007, 33, 1848-1849.	8.2	13
85	8-Hydroxyquinoline Derivatives as Fluorescent Sensors for Magnesium in Living Cells. Journal of the American Chemical Society, 2006, 128, 344-350.	13.7	273
86	Mitochondrial Neurogastrointestinal Encephalomyopathy: Evidence of Mitochondrial DNA Depletion in the Small Intestine. Gastroenterology, 2006, 130, 893-901.	1.3	63
87	Cell death, proliferation and repair in human myocarditis responding to immunosuppressive therapy. Modern Pathology, 2006, 19, 755-765.	5.5	22
88	New fluorescent chemosensors for magnesium ions in living cells. , 2006, , .		0
89	Detection of oncogenic HPV and identification of 72Arg polymorphic p53 by in situ PCR for clinical routine purposes. Anticancer Research, 2006, 26, 3095-103.	1.1	1
90	Laser Microdissection in Clinical Cardiovascular Research. Chest, 2005, 128, 2876-2881.	0.8	10

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91	C3-induced 3LL cell proliferation is mediated by C kinase. Journal of Cellular Biochemistry, 2005, 94, 635-644.	2.6	2
92	Apoptogenic Effect of Fentanyl on Freshly Isolated Peripheral Blood Lymphocytes. Journal of Trauma, 2004, 57, 75-81.	2.3	23
93	Early Detection of Fabry Cardiomyopathy by Tissue Doppler Imaging. Circulation, 2003, 107, 1978-1984.	1.6	256
94	Î²-Amyloid-Induced Synthesis of the Ganglioside Gd3 Is a Requisite for Cell Cycle Reactivation and Apoptosis in Neurons. Journal of Neuroscience, 2002, 22, 3963-3968.	3.6	89
95	Evidence for cell surface association between CXCR4 and ganglioside GM3 after gp120 binding in SupT1 lymphoblastoid cells. FEBS Letters, 2001, 506, 55-60.	2.8	35
96	Effects of long-term treatment with the anti-androgen bicalutamide on human testis: an ultrastructural and morphometric study. Histopathology, 2001, 38, 195-201.	2.9	5
97	The diabetic milieu modulates the advanced glycation end product-receptor complex in the mesangium by inducing or upregulating galectin-3 expression.. Diabetes, 2000, 49, 1249-1257.	0.6	83
98	Expression of Reg and cytokeratin 20 during ductal cell differentiation and proliferation in a mouse model of autoimmune diabetes. European Journal of Endocrinology, 1999, 141, 644-652.	3.7	44
99	Nitric oxide synthases in normal and benign hyperplastic human prostate: Immunohistochemistry and molecular biology. , 1999, 189, 224-229.		69