

Patrizio Sale

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

3,301
citations

33
h-index

55
g-index

106
ext. papers

3,674
ext. citations

4.2
avg, IF

4.7
L-index

#	Paper	IF	Citations
94	8-hydroxyquinoline derivatives as fluorescent sensors for magnesium in living cells. <i>Journal of the American Chemical Society</i> , 2006 , 128, 344-50	16.4	249
93	The Parkinson-associated protein PINK1 interacts with Beclin1 and promotes autophagy. <i>Cell Death and Differentiation</i> , 2010 , 17, 962-74	12.7	216
92	Common micro-RNA signature in skeletal muscle damage and regeneration induced by Duchenne muscular dystrophy and acute ischemia. <i>FASEB Journal</i> , 2009 , 23, 3335-46	0.9	207
91	Early detection of Fabry cardiomyopathy by tissue Doppler imaging. <i>Circulation</i> , 2003 , 107, 1978-84	16.7	194
90	Clinical relevance of action observation in upper-limb stroke rehabilitation: a possible role in recovery of functional dexterity. A randomized clinical trial. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 456-62	4.7	119
89	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. <i>Cancer Research</i> , 2007 , 67, 8358-67	10.1	104
88	Use of the robot assisted gait therapy in rehabilitation of patients with stroke and spinal cord injury. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2012 , 48, 111-21	4.4	84
87	Effects of upper limb robot-assisted therapy on motor recovery in subacute stroke patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014 , 11, 104	5.3	81
86	Pro-inflammatory gene expression in solid glioblastoma microenvironment and in hypoxic stem cells from human glioblastoma. <i>Journal of Neuroinflammation</i> , 2011 , 8, 32	10.1	81
85	Beta-amyloid-induced synthesis of the ganglioside GD3 is a requisite for cell cycle reactivation and apoptosis in neurons. <i>Journal of Neuroscience</i> , 2002 , 22, 3963-8	6.6	80
84	Feasibility study into self-administered training at home using an arm and hand device with motivational gaming environment in chronic stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015 , 12, 89	5.3	72
83	The diabetic milieu modulates the advanced glycation end product-receptor complex in the mesangium by inducing or upregulating galectin-3 expression. <i>Diabetes</i> , 2000 , 49, 1249-57	0.9	72
82	Nitric oxide synthases in normal and benign hyperplastic human prostate: immunohistochemistry and molecular biology. <i>Journal of Pathology</i> , 1999 , 189, 224-9	9.4	62
81	Recovery of hand function with robot-assisted therapy in acute stroke patients: a randomized-controlled trial. <i>International Journal of Rehabilitation Research</i> , 2014 , 37, 236-42	1.8	60
80	Action observation and mirror neuron network: a tool for motor stroke rehabilitation. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2012 , 48, 313-8	4.4	59
79	Systematic review of outcome measures of walking training using electromechanical and robotic devices in patients with stroke. <i>Journal of Rehabilitation Medicine</i> , 2013 , 45, 987-96	3.4	58
78	Redox regulation of the influenza hemagglutinin maturation process: a new cell-mediated strategy for anti-influenza therapy. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 593-606	8.4	58

77	Mitochondrial neurogastrointestinal encephalomyopathy: evidence of mitochondrial DNA depletion in the small intestine. <i>Gastroenterology</i> , 2006 , 130, 893-901	13.3	57
76	Metabotropic glutamate receptors in stem/progenitor cells. <i>Neuropharmacology</i> , 2007 , 53, 473-80	5.5	56
75	Design, development and deployment of a hand/wrist exoskeleton for home-based rehabilitation after stroke - SCRIPT project. <i>Robotica</i> , 2014 , 32, 1331-1346	2.1	54
74	Hand robotics rehabilitation: feasibility and preliminary results of a robotic treatment in patients with hemiparesis. <i>Stroke Research and Treatment</i> , 2012 , 2012, 820931	1.7	53
73	Up-regulation of pro-inflammatory genes as adaptation to hypoxia in MCF-7 cells and in human mammary invasive carcinoma microenvironment. <i>Cancer Science</i> , 2010 , 101, 1014-23	6.9	49
72	Up-regulation of the inflammatory-reparative phenotype in human prostate carcinoma. <i>Prostate</i> , 2009 , 69, 1245-55	4.2	44
71	Ovarian cancer cytoreduction induces changes in T cell population subsets reducing immunosuppression. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2748-59	5.6	43
70	Robot-assisted walking training for individuals with Parkinson's disease: a pilot randomized controlled trial. <i>BMC Neurology</i> , 2013 , 13, 50	3.1	42
69	Expression of Reg and cytokeratin 20 during ductal cell differentiation and proliferation in a mouse model of autoimmune diabetes. <i>European Journal of Endocrinology</i> , 1999 , 141, 644-52	6.5	42
68	Robot-aided therapy for upper limbs in patients with stroke-related lesions. Brief report of a clinical experience. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011 , 8, 18	5.3	41
67	Walking performance: correlation between energy cost of walking and walking participation. new statistical approach concerning outcome measurement. <i>PLoS ONE</i> , 2013 , 8, e56669	3.7	40
66	Action observation therapy in the subacute phase promotes dexterity recovery in right-hemisphere stroke patients. <i>BioMed Research International</i> , 2014 , 2014, 457538	3	38
65	Type-3 metabotropic glutamate receptors negatively modulate bone morphogenetic protein receptor signaling and support the tumorigenic potential of glioma-initiating cells. <i>Neuropharmacology</i> , 2008 , 55, 568-76	5.5	38
64	Caveolin-1 overexpression is associated with simultaneous abnormal expression of the E-cadherin/βcatenins complex and multiple ErbB receptors and with lymph nodes metastasis in head and neck squamous cell carcinomas. <i>Journal of Cellular Physiology</i> , 2012 , 227, 3344-53	7	35
63	Effects of proximal and distal robot-assisted upper limb rehabilitation on chronic stroke recovery. <i>NeuroRehabilitation</i> , 2013 , 33, 33-9	2	33
62	Upper limb robot-assisted therapy in chronic and subacute stroke patients: a kinematic analysis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013 , 92, e26-37	2.6	33
61	Myosin as a potential redox-sensor: an in vitro study. <i>Journal of Muscle Research and Cell Motility</i> , 2008 , 29, 119-26	3.5	32
60	The experience of living with stroke and using technology: opportunities to engage and co-design with end users. <i>Disability and Rehabilitation: Assistive Technology</i> , 2016 , 11, 653-60	1.8	31

59	The Parkinsonian Gait Spatiotemporal Parameters Quantified by a Single Inertial Sensor before and after Automated Mechanical Peripheral Stimulation Treatment. <i>Parkinson's Disease</i> , 2015 , 2015, 390512	2.6	30
58	Evidence for cell surface association between CXCR4 and ganglioside GM3 after gp120 binding in SupT1 lymphoblastoid cells. <i>FEBS Letters</i> , 2001 , 506, 55-60	3.8	30
57	Effects on mobility training and de-adaptations in subjects with Spinal Cord Injury due to a Wearable Robot: a preliminary report. <i>BMC Neurology</i> , 2016 , 16, 12	3.1	27
56	Segmental muscle vibration improves reaching movement in patients with chronic stroke. A randomized controlled trial. <i>NeuroRehabilitation</i> , 2013 , 32, 591-9	2	26
55	Immunogenicity of allo-vesicle carrying ERBB2 tumor antigen for dendritic cell-based anti-tumor immunotherapy. <i>International Journal of Immunopathology and Pharmacology</i> , 2009 , 22, 647-58	3	26
54	Induction of autophagic cell death by a novel molecule is increased by hypoxia. <i>Autophagy</i> , 2008 , 4, 1042-53	5.3	25
53	Metabotropic glutamate receptors: beyond the regulation of synaptic transmission. <i>Psychoneuroendocrinology</i> , 2007 , 32 Suppl 1, S40-5	5	24
52	p53 gene mutational rate, Gleason score, and BK virus infection in prostate adenocarcinoma: Is there a correlation?. <i>Journal of Medical Virology</i> , 2008 , 80, 2100-7	19.7	24
51	Clinical effects of robot-assisted gait training and treadmill training for Parkinson's disease. A randomized controlled trial. <i>Annals of Physical and Rehabilitation Medicine</i> , 2019 , 62, 303-312	3.8	23
50	mGLU3 metabotropic glutamate receptors modulate the differentiation of SVZ-derived neural stem cells towards the astrocytic lineage. <i>Glia</i> , 2010 , 58, 813-22	9	21
49	Apoptogenic effect of fentanyl on freshly isolated peripheral blood lymphocytes. <i>Journal of Trauma</i> , 2004 , 57, 75-81		21
48	Ullrich myopathy phenotype with secondary ColVI defect identified by confocal imaging and electron microscopy analysis. <i>Neuromuscular Disorders</i> , 2007 , 17, 587-96	2.9	20
47	Clinical measurement tools to assess trunk performance after stroke: a systematic review. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2018 , 54, 772-784	4.4	19
46	Training for mobility with exoskeleton robot in spinal cord injury patients: a pilot study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2018 , 54, 745-751	4.4	19
45	Acute Modulation of Brain Connectivity in Parkinson Disease after Automatic Mechanical Peripheral Stimulation: A Pilot Study. <i>PLoS ONE</i> , 2015 , 10, e0137977	3.7	19
44	Segmental muscle vibration modifies muscle activation during reaching in chronic stroke: A pilot study. <i>NeuroRehabilitation</i> , 2014 , 35, 405-14	2	17
43	Lipido-sterolic extract of <i>Serenoa repens</i> (LSEsr, Permixon) treatment affects human prostate cancer cell membrane organization. <i>Journal of Cellular Physiology</i> , 2009 , 219, 69-76	7	17
42	Cell death, proliferation and repair in human myocarditis responding to immunosuppressive therapy. <i>Modern Pathology</i> , 2006 , 19, 755-65	9.8	17

41	Long-term effects of automated mechanical peripheral stimulation on gait patterns of patients with Parkinson's disease. <i>International Journal of Rehabilitation Research</i> , 2015 , 38, 238-45	1.8	16
40	Susceptibility of isolated myofibrils to in vitro glutathionylation: Potential relevance to muscle functions. <i>Cytoskeleton</i> , 2010 , 67, 81-9	2.4	16
39	Metabotropic glutamate receptors regulate differentiation of embryonic stem cells into GABAergic neurons. <i>Cell Death and Differentiation</i> , 2008 , 15, 700-7	12.7	15
38	Effects of robot assisted gait training in progressive supranuclear palsy (PSP): a preliminary report. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 207	3.3	14
37	GD3 nuclear localization after apoptosis induction in HUT-78 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 368, 495-500	3.4	14
36	Predictors of changes in sentimental and sexual life after traumatic spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 1944-9	2.8	13
35	Hemiparetic gait and changes in functional performance due to OnabotulinumtoxinA injection to lower limb muscles. <i>Toxicon</i> , 2015 , 107, 109-13	2.8	12
34	Short-term and long-term outcomes of serial robotic training for improving upper limb function in chronic stroke. <i>International Journal of Rehabilitation Research</i> , 2014 , 37, 67-73	1.8	12
33	Sport, free time and hobbies in people with spinal cord injury. <i>Spinal Cord</i> , 2012 , 50, 452-6	2.7	12
32	Smartphone applications validated for joint angle measurement: a systematic review. <i>International Journal of Rehabilitation Research</i> , 2019 , 42, 11-19	1.8	11
31	Is the aquatic thermal environment a suitable place for providing rehabilitative treatment for person with Parkinson's disease? A retrospective study. <i>International Journal of Biometeorology</i> , 2019 , 63, 13-18	3.7	10
30	Predicting Motor and Cognitive Improvement Through Machine Learning Algorithm in Human Subject that Underwent a Rehabilitation Treatment in the Early Stage of Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018 , 27, 2962-2972	2.8	9
29	Hypersensitivity myocarditis induced by beta-blockers: an unexpected cause of abrupt deterioration in hypertrophic cardiomyopathy. <i>Intensive Care Medicine</i> , 2007 , 33, 1848-9	14.5	9
28	Laser microdissection in clinical cardiovascular research. <i>Chest</i> , 2005 , 128, 2876-81	5.3	9
27	Grasps recognition and evaluation of stroke patients for supporting rehabilitation therapy. <i>BioMed Research International</i> , 2014 , 2014, 318016	3	8
26	Gait impairment in neurological disorders: a new technological approach. <i>Functional Neurology</i> , 2009 , 24, 179-83	2.2	8
25	Gerontechnology, Domotics, and Robotics. <i>Practical Issues in Geriatrics</i> , 2018 , 161-169	0.1	7
24	High prevalence of intramural coronary infection in patients with drug-resistant cardiac syndrome X: comparison with chronic stable angina and normal controls. <i>Heart</i> , 2010 , 96, 1926-31	5.1	7

23	Real-time polymerase chain reaction and laser capture microdissection: an efficient combination tool for <i>Chlamydomypha pneumoniae</i> DNA quantification and localization of infection in atherosclerotic lesions. <i>International Journal of Immunopathology and Pharmacology</i> , 2008 , 21, 421-8	3	7
22	SmartCARE—An ICT Platform in the Domain of Stroke Pathology to Manage Rehabilitation Treatment and Telemonitoring at Home. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 39-49	0.5	7
21	Effects of capacitive and resistive electric transfer therapy in patients with knee osteoarthritis: a randomized controlled trial. <i>International Journal of Rehabilitation Research</i> , 2019 , 42, 106-111	1.8	6
20	Action Observation in People with Parkinson's Disease. A Motor-Cognitive Combined Approach for Motor Rehabilitation. A Preliminary Report. <i>Diseases (Basel, Switzerland)</i> , 2018 , 6,	4.4	6
19	Technical evaluation of and clinical experiences with the SCRIPT passive wrist and hand orthosis 2014 ,		6
18	Electroencephalographic markers of robot-aided therapy in stroke patients for the evaluation of upper limb rehabilitation. <i>International Journal of Rehabilitation Research</i> , 2015 , 38, 294-305	1.8	6
17	The origin recognition complex subunit, ORC3, is developmentally regulated and supports the expression of biochemical markers of neuronal maturation in cultured cerebellar granule cells. <i>Brain Research</i> , 2010 , 1358, 1-10	3.7	4
16	Insulin-like growth factor-1 inhibits STS-induced cell death and increases functional recovery of in vitro differentiated neurons. <i>Cell Cycle</i> , 2008 , 7, 3869-77	4.7	4
15	Effects of long-term treatment with the anti-androgen bicalutamide on human testis: an ultrastructural and morphometric study. <i>Histopathology</i> , 2001 , 38, 195-201	7.3	4
14	Preliminary Findings of Feasibility and Compliance of Technology-Supported Distal Arm Training at Home after Stroke. <i>Biosystems and Biorobotics</i> , 2014 , 665-673	0.2	4
13	Upper Limb Robot-Assisted Therapy in Chronic and Subacute Stroke Patients: A Kinematic Analysis. <i>Biosystems and Biorobotics</i> , 2013 , 129-133	0.2	4
12	Can muscle vibration be the future in the treatment of cerebral palsy-related drooling? A feasibility study. <i>International Journal of Medical Sciences</i> , 2019 , 16, 1447-1452	3.7	4
11	Effects of upper limb robot-assisted therapy on motor recovery of subacute stroke patients: a kinematic approach. <i>IEEE International Conference on Rehabilitation Robotics</i> , 2013 , 2013, 6650503	1.3	3
10	Does aquatic thermal therapy improve quality of life after total hip replacement? A retrospective preliminary pilot study. <i>International Journal of Biometeorology</i> , 2020 , 64, 1023-1026	3.7	3
9	C3-induced 3LL cell proliferation is mediated by C kinase. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 635-44	4.7	2
8	Action Observation Therapy for Upper Limb Recovery in Patients with Stroke: A Randomized Controlled Pilot Study. <i>Brain Sciences</i> , 2021 , 11,	3.4	2
7	The role of the European physiatrist in traumatic brain injury. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011 , 90, 83-6	2.6	1
6	Detection of oncogenic HPV and identification of 72Arg polymorphic p53 by in situ PCR for clinical routine purposes. <i>Anticancer Research</i> , 2006 , 26, 3095-103	2.3	1

5	Cognitive Rehabilitation Therapy for Neurologic Diseases. <i>Practical Issues in Geriatrics</i> , 2018 , 341-347	0.1	o
4	Track k: medical information systems. <i>Biomedizinische Technik</i> , 2014 , 59 Suppl 1, s700-57	1.3	o
3	Effect of End-Effector Robot-Assisted Therapy in Progressive Supranuclear Palsy Patients. <i>PM and R</i> , 2013 , 5, S151-S151	2.2	
2	Use of EEG Signal Information to Optimize Training and Promote Plasticity. <i>Biosystems and Biorobotics</i> , 2019 , 218-220	0.2	
1	FEX a Fingers Extending eXoskeleton for Rehabilitation and Regaining Mobility. <i>Mechanisms and Machine Science</i> , 2018 , 813-824	0.3	