

# Adriano Ferrari

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,618  
citations

331259

21  
h-index

301761

39  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2389  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | â€œOutwalkâ€™: a protocol for clinical gait analysis based on inertial and magnetic sensors. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 17-25.   | 1.6 | 165       |
| 2  | Human Dental pulp stem cells (hDPSCs): isolation, enrichment and comparative differentiation of two sub-populations. <i>BMC Developmental Biology</i> , 2015, 15, 14.   | 2.1 | 113       |
| 3  | Fibroin Scaffold Repairs Critical-Size Bone Defects <i>in Vivo</i> Supported by Human Amniotic Fluid and Dental Pulp Stem Cells. <i>Tissue Engineering - Part A</i> , 2012, 18, 1006-1013.  | 1.6 | 104       |
| 4  | Randomized Trial of Observation and Execution of Upper Extremity Actions Versus Action Alone in Children With Unilateral Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 808-815.  | 1.4 | 88        |
| 5  | Immunohistochemical study of muscle biopsy in children with cerebral palsy. <i>Brain and Development</i> , 2002, 24, 63-66.   | 0.6 | 85        |
| 6  | Human Serum Promotes Osteogenic Differentiation of Human Dental Pulp Stem Cells <i>In Vitro</i> and <i>In Vivo</i> . <i>PLoS ONE</i> , 2012, 7, e50542.   | 1.1 | 84        |
| 7  | Psychological Treatments and Psychotherapies in the Neurorehabilitation of Pain: Evidences and Recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. <i>Frontiers in Psychology</i> , 2016, 7, 115.   | 1.1 | 66        |
| 8  | Human dental pulp stem cells produce mineralized matrix in 2D and 3D cultures. <i>European Journal of Histochemistry</i> , 2010, 54, 46.  | 0.6 | 61        |
| 9  | Predictors of Successful Sexual Partnering of Adults With Spina Bifida. <i>Journal of Urology</i> , 2009, 182, 1911-1916.   | 0.2 | 59        |
| 10 | Stem cells isolated from human dental pulp and amniotic fluid improve skeletal muscle histopathology in mdx/SCID mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 156.  | 2.4 | 58        |
| 11 | <i>In vitro</i> differentiation into insulin-producing Î²-cells of stem cells isolated from human amniotic fluid and dental pulp. <i>Digestive and Liver Disease</i> , 2013, 45, 669-676.   | 0.4 | 57        |
| 12 | Human dental pulp stem cells expressing STROâ€1, câ€kit and CD34 markers in peripheral nerve regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e774-e785.  | 1.3 | 54        |
| 13 | Human Amniotic Fluid Stem Cells Seeded in Fibroin Scaffold Produce <i>in Vivo</i> Mineralized Matrix. <i>Tissue Engineering - Part A</i> , 2011, 17, 2833-2843.   | 1.6 | 50        |
| 14 | Upper limb children action-observation training (UP-CAT): a randomised controlled trial in Hemiplegic Cerebral Palsy. <i>BMC Neurology</i> , 2011, 11, 80.  | 0.8 | 49        |
| 15 | Psychological Considerations in the Assessment and Treatment of Pain in Neurorehabilitation and Psychological Factors Predictive of Therapeutic Response: Evidence and Recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. <i>Frontiers in Psychology</i> , 2016, 7, 468. | 1.1 | 43        |
| 16 | Differences and variations in the patterns of early independent walking. <i>Early Human Development</i> , 1993, 35, 193-205.  | 0.8 | 42        |
| 17 | What Is the Role of the Placebo Effect for Pain Relief in Neurorehabilitation? Clinical Implications From the Italian Consensus Conference on Pain in Neurorehabilitation. <i>Frontiers in Neurology</i> , 2018, 9, 310.  | 1.1 | 40        |
| 18 | Ferutinin promotes proliferation and osteoblastic differentiation in human amniotic fluid and dental pulp stem cells. <i>Life Sciences</i> , 2013, 92, 993-1003.  | 2.0 | 37        |

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|----|---|-----|-----------|
| 19 | Pharmacological differences and clinical implications of various botulinum toxin preparations: a critical appraisal. <i>Functional Neurology</i> , 2018, 33, 7.   | 1.3 | 27        |
| 20 | A randomized trial of upper limb botulinum toxin versus placebo injection, combined with physiotherapy, in children with hemiplegia. <i>Research in Developmental Disabilities</i> , 2014, 35, 2505-2513.                           | 1.2 | 26        |
| 21 | Feasibility of a Home-Based Action Observation Training for Children With Unilateral Cerebral Palsy: An Explorative Study. <i>Frontiers in Neurology</i> , 2020, 11, 16.  | 1.1 | 26        |
| 22 | Effectiveness of Standing Frame on Constipation in Children with Cerebral Palsy: A Single-Subject Study. <i>Occupational Therapy International</i> , 2014, 21, 115-123.   | 0.3 | 24        |
| 23 | Immunohistochemical study of merosin-negative congenital muscular dystrophy: laminin $\beta 2$ deficiency in skin biopsy. <i>Acta Neuropathologica</i> , 1997, 94, 103-108.   | 3.9 | 21        |
| 24 | Functional reaching discloses perceptive impairment in diplegic children with cerebral palsy. <i>Gait and Posture</i> , 2010, 32, 253-258.  | 0.6 | 20        |
| 25 | Al-Awadi "Raas" Rothschild (limb/pelvis/uterus "hypoplasia/aplasia) syndrome and <i>WNT7A</i> mutations: Genetic homogeneity and nosological delineation. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 332-336. | 0.7 | 19        |
| 26 | Dystrophin expression in skin biopsy immunohistochemical localisation of striated muscle type dystrophin. <i>Journal of the Neurological Sciences</i> , 1995, 129, 29-33.   | 0.3 | 17        |
| 27 | Optimized Cryopreservation and Banking of Human Bone-Marrow Fragments and Stem Cells. <i>Biopreservation and Biobanking</i> , 2016, 14, 138-148.  | 0.5 | 17        |
| 28 | Forms of Hemiplegia. , 2010, , 331-356.   |     | 17        |
| 29 | Reorganization of the Action Observation Network and Sensory-Motor System in Children with Unilateral Cerebral Palsy: An fMRI Study. <i>Neural Plasticity</i> , 2018, 2018, 1-15.   | 1.0 | 16        |
| 30 | Immunohistochemical localization of utrophin and other cytoskeletal proteins in skin smooth muscle in neuromuscular diseases. <i>Journal of the Neurological Sciences</i> , 1996, 143, 156-160.                                     | 0.3 | 15        |
| 31 | Explicit Motor Imagery for Grasping Actions in Children With Spastic Unilateral Cerebral Palsy. <i>Frontiers in Neurology</i> , 2019, 10, 837.  | 1.1 | 15        |
| 32 | The Spastic Forms of Cerebral Palsy. , 2010, , .  |     | 15        |
| 33 | Gait-Based Diplegia Classification Using LSMT Networks. <i>Journal of Healthcare Engineering</i> , 2019, 2019, 1-8.   | 1.1 | 14        |
| 34 | Tele-UPCAT: study protocol of a randomised controlled trial of a home-based Tele-monitored Upper limb Children Action observation Training for participants with unilateral cerebral palsy. <i>BMJ Open</i> , 2021, 8, e017819.     | 0.8 | 11        |
| 35 | Duchenne muscle activity evaluation and muscle function preservation: is it possible a prophylactic strategy?. <i>Obesity Reviews</i> , 2008, 9, 121-139.   | 3.1 | 10        |
| 36 | Mirror Neuron System Activation in Children With Unilateral Cerebral Palsy During Observation of Actions Performed by a Pathological Model. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 419-431.                       | 1.4 | 9         |

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|----|---|-----|-----------|
| 37 | Myelomeningocele and pregnancy: a case report and review of the literature. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 1176-1178.   | 0.7 | 7         |
| 38 | Are perceptual disorder signs in diplegic cerebral palsied children stable over time? A retrospective cohort analysis. Minerva Pediatrica, 2020, 72, 79-84.   | 2.6 | 6         |
| 39 | Application of Virtual Reality Rehabilitation System for the assessment of postural control while standing in typical children and peers with neurodevelopmental disorders. Gait and Posture, 2022, 92, 364-370.                      | 0.6 | 6         |
| 40 | Reorganization of action observation and sensory-motor networks after action observation therapy in children with congenital hemiplegia: A pilot study. Developmental Neurobiology, 2020, 80, 351-360.                                | 1.5 | 5         |
| 41 | From movement to action: a new framework for cerebral palsy. European Journal of Physical and Rehabilitation Medicine, 2020, 55, 852-861.   | 1.1 | 4         |
| 42 | Spinal bracing and lung function in type-2 spinal muscular atrophy. European Journal of Physical and Rehabilitation Medicine, 2019, 55, 505-509.  | 1.1 | 3         |
| 43 | Dysperceptive Forms. , 2010, , 273-291.   |     | 3         |
| 44 | Guide to the Interpretation of Cerebral Palsy. , 2010, , 17-28.   |     | 2         |
| 45 | Lignes de conduite pour la r  ducation de lâ€™enfant atteint dâ€™infirmit   motrice c  r  brale en Italie. Motricite Cerebrale, 2009, 30, 15-19.  | 0.1 | 1         |
| 46 | Motor Defects. , 2010, , 53-71.   |     | 1         |
| 47 | Perceptive Defects. , 2010, , 73-98.  |     | 1         |
| 48 | Tetraplegic Forms. , 2010, , 241-272.   |     | 1         |
| 49 | Evaluation of sense of position and agency in children with diplegic cerebral palsy: A pilot study. Journal of Pediatric Rehabilitation Medicine, 2022, 15, 181-191.  | 0.3 | 1         |
| 50 | Can a pathological model improve the abilities of the paretic hand in hemiplegic children? The PAM-AOT study protocol of a randomised controlled trial. BMJ Open, 2021, 11, e053910.  | 0.8 | 1         |
| 51 | Critical Aspects of Classifications. , 2010, , 203-217.   |     | 0         |
| 52 | Kinematic Classification. , 2010, , 219-239.  |     | 0         |
| 53 | Evaluation of hand function in patients with unilateral cerebral palsy who underwent multilevel functional surgery: a retrospective observational study. European Journal of Physical and Rehabilitation Medicine, 2019, 55, 123-130. | 1.1 | 0         |
| 54 | Forms of Diplegia. , 2010, , 293-330.   |     | 0         |