# Iwona Grabowska

List of Publications by Year
in descending order



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|---|---|---|---|
| 34 papers | 711 citations | 623699 14 h-index | 580810 25 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 1115 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sdfâ€¹ (CXCL12) improves skeletal muscle regeneration via the mobilisation of Cxcr4 and CD34 expressing cells. Biology of the Cell, 2012, 104, 722-737. | 2.0 | 77 |
| 2 | SETD3 protein is the actin-specific histidine N-methyltransferase. ELife, 2018, 7, . | 6.0 | 77 |
| 3 | Comparison of satellite cell-derived myoblasts and C2C12 differentiation in two- and three-dimensional cultures: changes in adhesion protein expression. Cell Biology International, 2011, 35, 125-133. | 3.0 | 48 |
| 4 | Human and mouse skeletal muscle stem and progenitor cells in health and disease. Seminars in Cell and Developmental Biology, 2020, 104, 93-104. | 5.0 | 48 |
| 5 | Molecular Mechanism for Cellular Response to Î²-Escin and Its Therapeutic Implications. PLoS ONE, 2016, 11, e0164365. | 2.5 | 41 |
| 6 | Mouse gastrocnemius muscle regeneration after mechanical or cardiotoxin injury. Folia Histochemica Et Cytobiologica, 2012, 50, 144-153. | 1.5 | 38 |
| 7 | Participation of stem cells from human cord blood in skeletal muscle regeneration of SCID mice. Experimental Hematology, 2006, 34, 1261-1269. | 0.4 | 34 |
| 8 | Cell Cycle Regulation During Proliferation and Differentiation of Mammalian Muscle Precursor Cells. Results and Problems in Cell Differentiation, 2011, 53, 473-527. | 0.7 | 30 |
| 9 | Morphology and growth of mammalian cells in a liquid/liquid culture system supported with oxygenated perfluorodecalin. Biotechnology Letters, 2013, 35, 1387-1394. | 2.2 | 27 |
| 10 | Hypoxia preconditioned bone marrow-derived mesenchymal stromal/stem cells enhance myoblast fusion and skeletal muscle regeneration. Stem Cell Research and Therapy, 2021, 12, 448. | 5.5 | 25 |
| 11 | Liquid perfluorochemical-supported hybrid cell culture system for proliferation of chondrocytes on fibrous polylactide scaffolds. Bioprocess and Biosystems Engineering, 2014, 37, 1707-1715. | 3.4 | 24 |
| 12 | Restricted Myogenic Potential of Mesenchymal Stromal Cells Isolated from Umbilical Cord. Cell Transplantation, 2012, 21, 1711-1726. | 2.5 | 21 |
| 13 | Pax3 and Pax7 expression during myoblast differentiation in vitro and fast and slow muscle regeneration in vivo. Cell Biology International, 2009, 33, 483-492. | 3.0 | 19 |
| 14 | Mouse gastrocnemius muscle regeneration after mechanical or cardiotoxin injury. Folia Histochemica Et Cytobiologica, 2012, 50, 144-53. | 1.5 | 16 |
| 15 | From Planarians to Mammals - the many faces of regeneration. International Journal of Developmental Biology, 2008, 52, 219-227. | 0.6 | 14 |
| 16 | Myogenic Potential of Mesenchymal Stem Cells - the Case of Adhesive Fraction of Human Umbilical Cord Blood Cells. Current Stem Cell Research and Therapy, 2013, 8, 82-90. | 1.3 | 14 |
| 17 | IL-4 and SDF-1 Increase Adipose Tissue-Derived Stromal Cell Ability to Improve Rat Skeletal Muscle Regeneration. International Journal of Molecular Sciences, 2020, 21, 3302. | 4.1 | 14 |
| 18 | The factors present in regenerating muscles impact bone marrow-derived mesenchymal stromal/stem cell fusion with myoblasts. Stem Cell Research and Therapy, 2019, 10, 343. | 5.5 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cell cycle regulation of embryonic stem cells and mouse embryonic fibroblasts lacking functional Pax7. Cell Cycle, 2016, 15, 2931-2942. | 2.6 | 12 |
| 20 | Transient MicroRNA Expression Enhances Myogenic Potential of Mouse Embryonic Stem Cells. Stem Cells, 2018, 36, 655-670. | 3.2 | 12 |
| 21 | Beneficial Effect of IL-4 and SDF-1 on Myogenic Potential of Mouse and Human Adipose Tissue-Derived Stromal Cells. Cells, 2020, 9, 1479. | 4.1 | 12 |
| 22 | Myogenic Differentiation of Mouse Embryonic Stem Cells That Lack a Functional Pax7 Gene. Stem Cells and Development, 2016, 25, 285-300. | 2.1 | 11 |
| 23 | Adipose Tissue-Derived Stromal Cells in Matrigel Impact the Regeneration of Severely Damaged Skeletal Muscles. International Journal of Molecular Sciences, 2019, 20, 3313. | 4.1 | 10 |
| 24 | Pax7 as molecular switch regulating early and advanced stages of myogenic mouse ESC differentiation in teratomas. Stem Cell Research and Therapy, 2020, 11, 238. | 5.5 | 10 |
| 25 | Loss of function TRPV6 variants are associated with chronic pancreatitis in nonalcoholic early-onset Polish and German patients. Pancreatology, 2021, 21, 1434-1442. | 1.1 | 10 |
| 26 | Myogenic potential of mouse embryonic stem cells lacking functional Pax7 tested in vitro by 5-azacitidine treatment and in vivo in regenerating skeletal muscle. European Journal of Cell Biology, 2017, 96, 47-60. | 3.6 | 9 |
| 27 | Mouse CD146+ muscle interstitial progenitor cells differ from satellite cells and present myogenic potential. Stem Cell Research and Therapy, 2020, 11, 341. | 5.5 | 9 |
| 28 | Progression of inflammation during immunodeficient mouse skeletal muscle regeneration. Journal of Muscle Research and Cell Motility, 2015, 36, 395-404. | 2.0 | 8 |
| 29 | Beneficial effects of Î²-escin on muscle regeneration in rat model of skeletal muscle injury. Phytomedicine, 2021, 93, 153791. | 5.3 | 7 |
| 30 | Efficient propagation of suspended HL-60 cells in a disposable bioreactor supporting wave-induced agitation at various Reynolds number. Bioprocess and Biosystems Engineering, 2020, 43, 1973-1985. | 3.4 | 6 |
| 31 | Syndecan-4 distribution during the differentiation of satellite cells isolated from soleus muscle treated by phorbol ester and calphostin C. Cellular and Molecular Biology Letters, 2003, 8, 269-78. | 7.0 | 4 |
| 32 | Rat Model of Parkes Weber Syndrome. PLoS ONE, 2015, 10, e0133752. | 2.5 | 3 |
| 33 | Pluripotent and Mesenchymal Stem Cellsâ€"Challenging Sources for Derivation of Myoblast. , 2018, , 109-154. | | 2 |
| 34 | PAX7 Balances the Cell Cycle Progression via Regulating Expression of Dnmt3b and Apobec2 in Differentiating PSCs. Cells, 2021, 10, 2205. | 4.1 | 1 |