

Krzysztof Marycz

List of Publications by Year in descending order

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165
papers

4,247
citations

116194

36
h-index

190340

53
g-index

171
all docs

171
docs citations

171
times ranked

5645
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic Effect of Toceranib and Nanohydroxyapatite as a Drug Delivery Platform—Physicochemical Properties and In Vitro Studies on Mastocytoma Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1944.	1.8	6
2	Artificial Mitochondrial Transfer (AMT) for the Management of Age-related Musculoskeletal Degenerative Disorders: An Emerging Avenue for Bone and Cartilage Metabolism Regulation. <i>Stem Cell Reviews and Reports</i> , 2022, , 1.	1.7	2
3	Aminopropyltriethoxysilane (APTES)-Modified Nanohydroxyapatite (nHAp) Incorporated with Iron Oxide (IO) Nanoparticles Promotes Early Osteogenesis, Reduces Inflammation and Inhibits Osteoclast Activity. <i>Materials</i> , 2022, 15, 2095.	1.3	4
4	Calystegines Improve the Metabolic Activity of Human Adipose Derived Stromal Stem Cells (ASCs) under Hyperglycaemic Condition through the Reduction of Oxidative/ER Stress, Inflammation, and the Promotion of the AKT/PI3K/mTOR Pathway. <i>Biomolecules</i> , 2022, 12, 460.	1.8	4
5	Obesity Affects the Proliferative Potential of Equine Endometrial Progenitor Cells and Modulates Their Molecular Phenotype Associated with Mitochondrial Metabolism. <i>Cells</i> , 2022, 11, 1437.	1.8	6
6	Impact of Polyrhodanine Manganese Ferrite Binary Nano Hybrids (PRHD@MnFe2O4) on Osteoblasts and Osteoclasts Activities—A Key Factor in Osteoporosis Treatment. <i>Materials</i> , 2022, 15, 3990.	1.3	2
7	Vascular injury of immature epiphyses impair stem cell engraftment in cartilage defects. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
8	Influence of cutting methods and heat treatment on selected technological properties and structure of pork longissimus thoracis et lumborum muscle. <i>Meat Science</i> , 2021, 171, 108280.	2.7	4
9	MSI-1436 improves EMS adipose derived progenitor stem cells in the course of adipogenic differentiation through modulation of ER stress, apoptosis, and oxidative stress. <i>Stem Cell Research and Therapy</i> , 2021, 12, 97.	2.4	17
10	Sex Hormone Binding Globulin (SHBG) Mitigates ER Stress in Hepatocytes In Vitro and Ex Vivo. <i>Cells</i> , 2021, 10, 755.	1.8	10
11	Chitosan hydrogel-loaded MSC-derived extracellular vesicles promote skin rejuvenation by ameliorating the senescence of dermal fibroblasts. <i>Stem Cell Research and Therapy</i> , 2021, 12, 196.	2.4	44
12	Increasing Diversity in Radiology and Molecular Imaging: Current Challenges. <i>Molecular Imaging and Biology</i> , 2021, 23, 625-638.	1.3	8
13	Equine Hoof Stem Progenitor Cells (HPC) CD29 ⁺ /Nestin ⁺ /K15 ⁺ a Novel Dermal/epidermal Stem Cell Population With a Potential Critical Role for Laminitis Treatment. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1478-1485.	1.7	5
14	Nanohydroxyapatite (nHAp) Doped with Iron Oxide Nanoparticles (IO), miR-21 and miR-124 Under Magnetic Field Conditions Modulates Osteoblast Viability, Reduces Inflammation and Inhibits the Growth of Osteoclast — A Novel Concept for Osteoporosis Treatment: Part 1. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3429-3456.	3.3	18
15	Hyoscyamus albus nortropane alkaloids reduce hyperglycemia and hyperinsulinemia induced in HepG2 cells through the regulation of SIRT1/NF-kB/JNK pathway. <i>Cell Communication and Signaling</i> , 2021, 19, 61.	2.7	9
16	At the Dawn of Polytherapy for Laminitis Treatment- Novel Approach to an the Old Problems. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1926-1927.	1.7	1
17	Bone marrow stromal cells (BMSCs) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (CD45 ⁺ /CD44 ⁺) osteoporotic mice SAM/P6 as a novel model for osteoporosis investigation. <i>Journal of Cellular and Molecular Medicine</i> . 2021. 25. 6634-6651.	1.6	14
18	Laurus nobilis ethanolic extract attenuates hyperglycemia and hyperinsulinemia-induced insulin resistance in HepG2 cell line through the reduction of oxidative stress and improvement of mitochondrial biogenesis — Possible implication in pharmacotherapy. <i>Mitochondrion</i> , 2021, 59, 190-213.	1.6	13

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19	Novel Nanohydroxyapatite (nHAp)-Based Scaffold Doped with Iron Oxide Nanoparticles (IO), Functionalized with Small Non-Coding RNA (miR-21/124) Modulates Expression of Runt-Related Transcriptional Factor 2 and Osteopontin, Promoting Regeneration of Osteoporotic Bone in Bilateral Cranial Defects in a Senescence-Accelerated Mouse Model (SAM/P6). PART 2. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6049-6065.	3.3	6
20	Hepatic stellate cells role in the course of metabolic disorders development – A molecular overview. <i>Pharmacological Research</i> , 2021, 170, 105739.	3.1	24
21	The Hepatic Stellate Cells (HSCs) and Adipose Derived Stem Progenitor Cells (ASCs): are they Critical Multitargeted Endogenous Metabolic Modulators in syndrome X and EMS? Letter to Editor. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1931-1933.	1.7	2
22	Co _{0.5} Mn _{0.5} Fe ₂ O ₄ @PMMA Nanoparticles Promotes Preosteoblast Differentiation through Activation of OPN-BGLAP2-DMP1 Axis and Modulates Osteoclastogenesis under Magnetic Field Conditions. <i>Materials</i> , 2021, 14, 5010.	1.3	5
23	Extracellular vesicles derived from mesenchymal stem cells as a potential therapeutic agent in acute kidney injury (AKI) in felines: review and perspectives. <i>Stem Cell Research and Therapy</i> , 2021, 12, 504.	2.4	10
24	Inhibition of protein tyrosine phosphatase improves mitochondrial bioenergetics and dynamics, reduces oxidative stress, and enhances adipogenic differentiation potential in metabolically impaired progenitor stem cells. <i>Cell Communication and Signaling</i> , 2021, 19, 106.	2.7	10
25	The Hepatic Stellate Cells (HSTCs) and Adipose-derived Mesenchymal Stem Cells (ASCs) Axis as a Potential Major Driver of Metabolic Syndrome – Novel Concept and Therapeutic Implications. <i>Stem Cell Reviews and Reports</i> , 2021, , 1.	1.7	0
26	Promotion through external magnetic field of osteogenic differentiation potential in adipose-derived mesenchymal stem cells: Design of polyurethane/poly(lactic) acid sponges doped with iron oxide nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1398-1411.	1.6	17
27	Three dimensional (3D) printed polylactic acid with nano-hydroxyapatite doped with europium(III) ions (nHAp/PLLA@Eu ³⁺) composite for osteochondral defect regeneration and theranostics. <i>Materials Science and Engineering C</i> , 2020, 110, 110634.	3.8	36
28	Age-dependent impairment of adipose-derived stem cells isolated from horses. <i>Stem Cell Research and Therapy</i> , 2020, 11, 4.	2.4	39
29	Therapeutic mesenchymal stromal stem cells: Isolation, characterization and role in equine regenerative medicine and metabolic disorders. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 301-322.	1.7	27
30	Theranostic Applications of Nanostructured Silicate-Substituted Hydroxyapatite Codoped with Eu ³⁺ and Bi ³⁺ Ions – A Novel Strategy for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6148-6160.	2.6	15
31	Microstructure and Mechanical Properties of PU/PLDL Sponges Intended for Grafting Injured Spinal Cord. <i>Polymers</i> , 2020, 12, 2693.	2.0	1
32	Small and Long Non-coding RNAs as Functional Regulators of Bone Homeostasis, Acting Alone or Cooperatively. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 792-803.	2.3	23
33	Hafnium (IV) oxide obtained by atomic layer deposition (ALD) technology promotes early osteogenesis via activation of Runx2-OPN-mir21A axis while inhibits osteoclasts activity. <i>Journal of Nanobiotechnology</i> , 2020, 18, 132.	4.2	7
34	Extracellular Microvesicles (MV [™] s) Isolated from 5-Azacytidine-and-Resveratrol-Treated Cells Improve Viability and Ameliorate Endoplasmic Reticulum Stress in Metabolic Syndrome Derived Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1343-1355.	1.7	13
35	Astaxanthin and other Nutrients from <i>Haematococcus pluvialis</i> – Multifunctional Applications. <i>Marine Drugs</i> , 2020, 18, 459.	2.2	96
36	SIRT1+ Adipose Derived Mesenchymal Stromal Stem Cells (ASCs) Suspended in Alginate Hydrogel for the Treatment of Subchondral Bone Cyst in Medial Femoral Condyle in the Horse. <i>Clinical Report. Stem Cell Reviews and Reports</i> , 2020, 16, 1328-1334.	1.7	3

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37	Multifunctional Properties of Binary Polyrhodanine Manganese Ferrite Nanohybrids From the Energy Converters to Biological Activity. <i>Polymers</i> , 2020, 12, 2934.	2.0	8
38	Titanium Dioxide Thin Films Obtained by Atomic Layer Deposition Promotes Osteoblasts Viability and Differentiation Potential While Inhibiting Osteoclast Activity Potential Application for Osteoporotic Bone Regeneration. <i>Materials</i> , 2020, 13, 4817.	1.3	16
39	Nanohydroxyapatite-Mediated Imatinib Delivery for Specific Anticancer Applications. <i>Molecules</i> , 2020, 25, 4602.	1.7	6
40	Inhibition of Protein-Tyrosine Phosphatase PTP1B and LMPTP Promotes Palmitate/Oleate-Challenged HepG2 Cell Survival by Reducing Lipopoptosis, Improving Mitochondrial Dynamics and Mitigating Oxidative and Endoplasmic Reticulum Stress. <i>Journal of Clinical Medicine</i> , 2020, 9, 1294.	1.0	21
41	<i>Cladophora glomerata</i> enriched by biosorption with Mn(II) ions alleviates lipopolysaccharide-induced osteomyelitis like model in MC3T3E1, and 4B12 osteoclastogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7282-7300.	1.6	11
42	Non-Coding RNAs as Potential Novel Biomarkers for Early Diagnosis of Hepatic Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4182.	1.8	21
43	Zirconium Oxide Thin Films Obtained by Atomic Layer Deposition Technology Abolish the Anti-Osteogenic Effect Resulting from miR-21 Inhibition in the Pre-Osteoblastic MC3T3 Cell Line. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1595-1610.	3.3	23
44	The Role of miR-21 in Osteoblasts Osteoclasts Coupling In Vitro. <i>Cells</i> , 2020, 9, 479.	1.8	41
45	Iron oxides nanoparticles (IOs) exposed to magnetic field promote expression of osteogenic markers in osteoblasts through integrin alpha-3 (INTa-3) activation, inhibits osteoclasts activity and exerts anti-inflammatory action. <i>Journal of Nanobiotechnology</i> , 2020, 18, 33.	4.2	27
46	In vitro SEM analysis of desensitizing agents and experimental hydroxyapatite-based composition effectiveness in occluding dentin tubules. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 1283-1297.	0.6	7
47	Biomass Enriched with Minerals via Biosorption Process as a Potential Ingredient of Horse Feed. <i>Waste and Biomass Valorization</i> , 2019, 10, 3403-3418.	1.8	9
48	Comparison of the clinical and radiographic appearance of the cervical vertebrae with histological and anatomical findings in an eight-month old warmblood stallion suffering from cervical vertebral stenotic myelopathy (CVSM). <i>BMC Veterinary Research</i> , 2019, 15, 296.	0.7	5
49	Systemic Administration of Rejuvenated Adipose-Derived Mesenchymal Stem Cells Improves Liver Metabolism in Equine Metabolic Syndrome (EMS)- New Approach in Veterinary Regenerative Medicine. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 842-850.	1.7	15
50	New diphenylphosphane derivatives of ketoconazole are promising antifungal agents. <i>Scientific Reports</i> , 2019, 9, 16214.	1.6	14
51	Metformin Increases Proliferative Activity and Viability of Multipotent Stromal Stem Cells Isolated from Adipose Tissue Derived from Horses with Equine Metabolic Syndrome. <i>Cells</i> , 2019, 8, 80.	1.8	24
52	Nanocrystalline Hydroxyapatite Loaded with Resveratrol in Colloidal Suspension Improves Viability, Metabolic Activity and Mitochondrial Potential in Human Adipose-Derived Mesenchymal Stromal Stem Cells (hASCs). <i>Polymers</i> , 2019, 11, 92.	2.0	17
53	5-Azacytidine and Resveratrol Enhance Chondrogenic Differentiation of Metabolic Syndrome-Derived Mesenchymal Stem Cells by Modulating Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 1-20.	1.9	12
54	Nortropane alkaloids as pharmacological chaperones in the rescue of equine adipose-derived mesenchymal stromal stem cells affected by metabolic syndrome through mitochondrial potentiation, endoplasmic reticulum stress mitigation and insulin resistance alleviation. <i>Stem Cell Research and Therapy</i> , 2019, 10, 178.	2.4	14

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55	Adipose-Derived Mesenchymal Stem Cells Isolated from Patients with Type 2 Diabetes Show Reduced "Stemness" through an Altered Secretome Profile, Impaired Anti-Oxidative Protection, and Mitochondrial Dynamics Deterioration. <i>Journal of Clinical Medicine</i> , 2019, 8, 765.	1.0	73
56	Stem Cells in Equine Veterinary Practice"Current Trends, Risks, and Perspectives. <i>Journal of Clinical Medicine</i> , 2019, 8, 675.	1.0	4
57	Intra-Vitreous Administration of Microvesicles Derived from Human Adipose-Derived Multipotent Stromal Cells Improves Retinal Functionality in Dogs with Retinal Degeneration. <i>Journal of Clinical Medicine</i> , 2019, 8, 510.	1.0	2
58	Identification of a potent inhibitor of type II secretion system from <i>Pseudomonas aeruginosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 688-693.	1.0	11
59	Osteochondritis Dissecans (OCD)-Derived Chondrocytes Display Increased Senescence, Oxidative Stress, Chaperone-Mediated Autophagy and, in Co-Culture with Adipose-Derived Stem Cells (ASCs), Enhanced Expression of MMP-13. <i>Journal of Clinical Medicine</i> , 2019, 8, 328.	1.0	6
60	Osteochondritis dissecans (OCD) in Horses " Molecular Background of its Pathogenesis and Perspectives for Progenitor Stem Cell Therapy. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 374-390.	5.6	18
61	Lithium ions (Li+) and nanohydroxyapatite (nHAp) doped with Li+ enhance expression of late osteogenic markers in adipose-derived stem cells. Potential theranostic application of nHAp doped with Li+ and co-doped with europium (III) and samarium (III) ions. <i>Materials Science and Engineering C</i> , 2019, 99, 1257-1273.	3.8	29
62	Microvesicles isolated from 5-azacytidine-and-resveratrol-treated mesenchymal stem cells for the treatment of suspensory ligament injury in horse"a case report. <i>Stem Cell Research and Therapy</i> , 2019, 10, 394.	2.4	12
63	<i>Cladophora glomerata</i> methanolic extract promotes chondrogenic gene expression and cartilage phenotype differentiation in equine adipose-derived mesenchymal stromal stem cells affected by metabolic syndrome. <i>Stem Cell Research and Therapy</i> , 2019, 10, 392.	2.4	9
64	Pathophysiological Implication of Fetuin-A Glycoprotein in the Development of Metabolic Disorders: A Concise Review. <i>Journal of Clinical Medicine</i> , 2019, 8, 2033.	1.0	65
65	The Potential Selective Cytotoxicity of Poly (L- Lactic Acid)-Based Scaffolds Functionalized with Nanohydroxyapatite and Europium (III) Ions toward Osteosarcoma Cells. <i>Materials</i> , 2019, 12, 3779.	1.3	15
66	Inhibition of the Low Molecular Weight Protein Tyrosine Phosphatase (LMPTP) as a Potential Therapeutic Strategy for Hepatic Progenitor Cells Lipotoxicity"Short Communication. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5873.	1.8	8
67	<i>Cladophora glomerata</i> methanolic extract decreases oxidative stress and improves viability and mitochondrial potential in equine adipose derived mesenchymal stem cells (ASCs). <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 6-18.	2.5	26
68	New approach to modification of poly (l-lactic acid) with nano-hydroxyapatite improving functionality of human adipose-derived stromal cells (hASCs) through increased viability and enhanced mitochondrial activity. <i>Materials Science and Engineering C</i> , 2019, 98, 213-226.	3.8	24
69	5"Azacytidine and resveratrol reverse senescence and ageing of adipose stem cells via modulation of mitochondrial dynamics and autophagy. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 237-259.	1.6	63
70	Dysfunction of Mesenchymal Stem Cells Isolated from Metabolic Syndrome and Type 2 Diabetic Patients as Result of Oxidative Stress and Autophagy may Limit Their Potential Therapeutic Use. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 337-345.	5.6	130
71	Advanced nutritional and stem cells approaches to prevent equine metabolic syndrome. <i>Research in Veterinary Science</i> , 2018, 118, 115-125.	0.9	12
72	The differences in the eyelids microstructure and the conjunctiva-associated lymphoid tissue between selected ornamental and wild birds as a result of adaptation to their habitat. <i>Acta Zoologica</i> , 2018, 99, 367-394.	0.6	5

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73	Fabrication, Characterization, and Cytotoxicity of Thermoplastic Polyurethane/Poly(lactic acid) Material Using Human Adipose Derived Mesenchymal Stromal Stem Cells (hASCs). <i>Polymers</i> , 2018, 10, 1073.	2.0	16
74	Freshwater green macroalgae as a biosorbent of Cr(III) ions. <i>Open Chemistry</i> , 2018, 16, 689-701.	1.0	13
75	Metformin Promotes Osteogenic Differentiation of Adipose-Derived Stromal Cells and Exerts Pro-Osteogenic Effect Stimulating Bone Regeneration. <i>Journal of Clinical Medicine</i> , 2018, 7, 482.	1.0	38
76	Static Magnetic Field (SMF) as a Regulator of Stem Cell Fate – New Perspectives in Regenerative Medicine Arising from an Underestimated Tool. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 785-792.	5.6	62
77	Characterization of Apoptosis, Autophagy and Oxidative Stress in Pancreatic Islets Cells and Intestinal Epithelial Cells Isolated from Equine Metabolic Syndrome (EMS) Horses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3068.	1.8	3
78	Immunomodulatory Properties of Adipose-Derived Stem Cells Treated with 5-Azacytydine and Resveratrol on Peripheral Blood Mononuclear Cells and Macrophages in Metabolic Syndrome Animals. <i>Journal of Clinical Medicine</i> , 2018, 7, 383.	1.0	22
79	The Effect of Chronic Inflammation and Oxidative and Endoplasmic Reticulum Stress in the Course of Metabolic Syndrome and Its Therapy. <i>Stem Cells International</i> , 2018, 2018, 1-13.	1.2	50
80	A comprehensive analysis of biosorption of metal ions by macroalgae using ICP-OES, SEM-EDX and FTIR techniques. <i>PLoS ONE</i> , 2018, 13, e0205590.	1.1	46
81	Released from ZrO ₂ /SiO ₂ coating resveratrol inhibits senescence and oxidative stress of human adipose-derived stem cells (ASC). <i>Open Chemistry</i> , 2018, 16, 481-495.	1.0	2
82	Combination of resveratrol and 5-azacytydine improves osteogenesis of metabolic syndrome mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4771-4793.	1.6	22
83	Evaluation of Oxidative Stress and Mitophagy during Adipogenic Differentiation of Adipose-Derived Stem Cells Isolated from Equine Metabolic Syndrome (EMS) Horses. <i>Stem Cells International</i> , 2018, 2018, 1-18.	1.2	39
84	Excessive Endoplasmic Reticulum Stress Correlates with Impaired Mitochondrial Dynamics, Mitophagy and Apoptosis, in Liver and Adipose Tissue, but Not in Muscles in EMS Horses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 165.	1.8	53
85	The Effect of Methyl-β-cyclodextrin on Apoptosis, Proliferative Activity, and Oxidative Stress in Adipose-Derived Mesenchymal Stromal Cells of Horses Suffering from Metabolic Syndrome (EMS). <i>Molecules</i> , 2018, 23, 287.	1.7	5
86	Polyrhodanine cobalt ferrite (PRHD@CoFe ₂ O ₄) hybrid nanomaterials - Synthesis, structural, magnetic, cytotoxic and antibacterial properties. <i>Materials Chemistry and Physics</i> , 2018, 217, 553-561.	2.0	11
87	Biological aspects of the tongue morphology of wild-captive WWCPs rats: a histological, histochemical and ultrastructural study. <i>Anatomical Science International</i> , 2018, 93, 514-532.	0.5	19
88	Subchondral bone cyst surgical treatment using the application of stem progenitor cells combined with alginate hydrogel in small joints in horses. <i>Polish Journal of Veterinary Sciences</i> , 2018, 21, 307-316.	0.2	3
89	Static magnetic field enhances the viability and proliferation rate of adipose tissue-derived mesenchymal stem cells potentially through activation of the phosphoinositide 3-kinase/Akt (PI3K/Akt) pathway. <i>Electromagnetic Biology and Medicine</i> , 2017, 36, 1-10.	0.7	22
90	Li + activated nanohydroxyapatite doped with Eu ³⁺ ions enhances proliferative activity and viability of human stem progenitor cells of adipose tissue and olfactory ensheathing cells. Further perspective of nHAP:Li + , Eu ³⁺ application in theranostics. <i>Materials Science and Engineering C</i> , 2017, 78, 151-162.	3.8	38

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91	Polyurethane-poly lactide-based material doped with resveratrol decreases senescence and oxidative stress of adipose-derived mesenchymal stromal stem cell (ASCs). <i>RSC Advances</i> , 2017, 7, 24070-24084.	1.7	13
92	The effects of chosen plant extracts and compounds on mesenchymal stem cells—a bridge between molecular nutrition and regenerative medicine—concise review. <i>Phytotherapy Research</i> , 2017, 31, 947-958.	2.8	44
93	The Effect of Co _{0.2} Mn _{0.8} Fe ₂ O ₄ Ferrite Nanoparticles on the C2 Canine Mastocytoma Cell Line and Adipose-Derived Mesenchymal Stromal Stem Cells (ASCs) Cultured Under a Static Magnetic Field: Possible Implications in the Treatment of Dog Mastocytoma. <i>Cellular and Molecular Bioengineering</i> , 2017, 10, 209-222.	1.0	10
94	Ultrastructural changes during osteogenic differentiation in mesenchymal stromal cells cultured in alginate hydrogel. <i>Cell and Bioscience</i> , 2017, 7, 2.	2.1	9
95	The effects of the DNA methyltransferases inhibitor 5-azacitidine on ageing, oxidative stress and DNA methylation of adipose derived stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 387-401.	1.6	81
96	The Impact of Oxidative Stress Factors on the Viability, Senescence, and Methylation Status of Olfactory Bulb-Derived Glial Cells Isolated from Human Cadaver Donors. <i>Cells Tissues Organs</i> , 2017, 204, 105-118.	1.3	1
97	Enhanced cytocompatibility and osteoinductive properties of sol-gel-derived silica/zirconium dioxide coatings by metformin functionalization. <i>Journal of Biomaterials Applications</i> , 2017, 32, 570-586.	1.2	18
98	A Promising Tool in Retina Regeneration: Current Perspectives and Challenges When Using Mesenchymal Progenitor Stem Cells in Veterinary and Human Ophthalmological Applications. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 598-602.	5.6	49
99	<i>Spirulina platensis</i> Improves Mitochondrial Function Impaired by Elevated Oxidative Stress in Adipose-Derived Mesenchymal Stromal Cells (ASCs) and Intestinal Epithelial Cells (IECs), and Enhances Insulin Sensitivity in Equine Metabolic Syndrome (EMS) Horses. <i>Marine Drugs</i> , 2017, 15, 237.	2.2	62
100	The <i>Cladophora glomerata</i> Enriched by Biosorption Process in Cr(III) Improves Viability, and Reduces Oxidative Stress and Apoptosis in Equine Metabolic Syndrome Derived Adipose Mesenchymal Stromal Stem Cells (ASCs) and Their Extracellular Vesicles (MV [™] s). <i>Marine Drugs</i> , 2017, 15, 385.	2.2	32
101	The Effects of Using Sodium Alginate Hydrosols Treated with Direct Electric Current as Coatings for Sausages. <i>Polymers</i> , 2017, 9, 602.	2.0	6
102	Cytotoxicity, Bactericidal, and Antioxidant Activity of Sodium Alginate Hydrosols Treated with Direct Electric Current. <i>International Journal of Molecular Sciences</i> , 2017, 18, 678.	1.8	23
103	Antioxidant and Anti-Senescence Effect of Metformin on Mouse Olfactory Ensheathing Cells (mOECs) May Be Associated with Increased Brain-Derived Neurotrophic Factor Levels—An Ex Vivo Study. <i>International Journal of Molecular Sciences</i> , 2017, 18, 872.	1.8	56
104	The Effect of PEI and PVP-Stabilized Gold Nanoparticles on Equine Platelets Activation: Potential Application in Equine Regenerative Medicine. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-11.	1.5	7
105	Corrigendum to “The Effect of PEI and PVP-Stabilized Gold Nanoparticles on Equine Platelets Activation: Potential Application in Equine Regenerative Medicine”. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-1.	1.5	0
106	The Influence of <i>Spirulina platensis</i> Filtrates on Caco-2 Proliferative Activity and Expression of Apoptosis-Related microRNAs and mRNA. <i>Marine Drugs</i> , 2017, 15, 65.	2.2	24
107	Basic Fibroblast Growth Factor Inhibits Apoptosis and Promotes Proliferation of Adipose-Derived Mesenchymal Stromal Cells Isolated from Patients with Type 2 Diabetes by Reducing Cellular Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-22.	1.9	36
108	The application of mesenchymal progenitor stem cells for the reduction of oxidative stress in animals. <i>Turkish Journal of Biology</i> , 2017, 41, 12-19.	2.1	7

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109	Cytokine induction of sol–gel-derived TiO₂ and SiO₂ coatings on metallic substrates after implantation to rat femur. International Journal of Nanomedicine, 2017, Volume 12, 1639-1645.	3.3	18
110	Biphasic Polyurethane/Poly lactide Sponges Doped with Nano-Hydroxyapatite (nHAp) Combined with Human Adipose-Derived Mesenchymal Stromal Stem Cells for Regenerative Medicine Applications. Polymers, 2016, 8, 339.	2.0	20
111	Low-frequency, low-magnitude vibrations (LFLM) enhances chondrogenic differentiation potential of human adipose derived mesenchymal stromal stem cells (hASCs). PeerJ, 2016, 4, e1637.	0.9	25
112	The Influence of Aging on the Regenerative Potential of Human Adipose Derived Mesenchymal Stem Cells. Stem Cells International, 2016, 2016, 1-15.	1.2	165
113	Macroautophagy and Selective Mitophagy Ameliorate Chondrogenic Differentiation Potential in Adipose Stem Cells of Equine Metabolic Syndrome: New Findings in the Field of Progenitor Cells Differentiation. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-18.	1.9	51
114	Endurance Exercise Mobilizes Developmentally Early Stem Cells into Peripheral Blood and Increases Their Number in Bone Marrow: Implications for Tissue Regeneration. Stem Cells International, 2016, 2016, 1-10.	1.2	51
115	Equine Metabolic Syndrome Affects Viability, Senescence, and Stress Factors of Equine Adipose-Derived Mesenchymal Stromal Stem Cells: New Insight into EqASCs Isolated from EMS Horses in the Context of Their Aging. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-17.	1.9	70
116	Metformin Decreases Reactive Oxygen Species, Enhances Osteogenic Properties of Adipose-Derived Multipotent Mesenchymal Stem Cells<i>In Vitro</i>, and Increases Bone Density<i>In Vivo</i>. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-19.	1.9	73
117	Study of Enzymatically Treated Alginate/Chitosan Hydrosols in Sponges Formation Process. Polymers, 2016, 8, 8.	2.0	12
118	Study on Alginate–Chitosan Complex Formed with Different Polymers Ratio. Polymers, 2016, 8, 167.	2.0	147
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