

# Roberta Sessa Stilhano

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

919  
citations

430874

18  
h-index

477307

29  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Regulates Autophagy in Cultured Astrocytes. Journal of Biological Chemistry, 2011, 286, 27875-27881.	3.4	109
2	17 $\beta$ -Estradiol, a potential ally to alleviate SARS-CoV-2 infection. Clinics, 2020, 75, e1980.	1.5	64
3	Enzymatically degradable alginate hydrogel systems to deliver endothelial progenitor cells for potential revascularization applications. Biomaterials, 2018, 179, 109-121.	11.4	52
4	Injectable alginate hydrogel for enhanced spatiotemporal control of lentivector delivery in murine skeletal muscle. Journal of Controlled Release, 2016, 237, 42-49.	9.9	50
5	Overexpression of $\beta$ -synuclein in an astrocyte cell line promotes autophagy inhibition and apoptosis. Journal of Neuroscience Research, 2018, 96, 160-171.	2.9	48
6	The Anti-Tumor Effects of Adipose Tissue Mesenchymal Stem Cell Transduced with HSV-Tk Gene on U-87-Driven Brain Tumor. PLoS ONE, 2015, 10, e0128922.	2.5	46
7	17 $\beta$ -estradiol reduces SARS-CoV-2 infection in vitro. Physiological Reports, 2021, 9, e14707.	1.7	42
8	Hypoxia Augments Outgrowth Endothelial Cell (OEC) Sprouting and Directed Migration in Response to Sphingosine-1-Phosphate (S1P). PLoS ONE, 2015, 10, e0123437.	2.5	40
9	SARS-CoV-2 and the possible connection to ERs, ACE2, and RAGE: Focus on susceptibility factors. FASEB Journal, 2020, 34, 14103-14119.	0.5	39
10	Microgels produced using microfluidic on-chip polymer blending for controlled release of VEGF encoding lentivectors. Acta Biomaterialia, 2018, 69, 265-276.	8.3	37
11	Changes in gene expression and methylation in the blood of patients with first-episode psychosis. Schizophrenia Research, 2014, 159, 358-364.	2.0	35
12	Platelet-Rich Plasma in a Murine Model. American Journal of Sports Medicine, 2016, 44, 1962-1971.	4.2	30
13	Biomaterial-Guided Gene Delivery for Musculoskeletal Tissue Repair. Tissue Engineering - Part B: Reviews, 2017, 23, 347-361.	4.8	24
14	Skeletal muscle healing by M1-like macrophages produced by transient expression of exogenous GM-CSF. Stem Cell Research and Therapy, 2020, 11, 473.	5.5	24
15	A comparison of the reparative and angiogenic properties of mesenchymal stem cells derived from the bone marrow of BALB/c and C57/BL6 mice in a model of limb ischemia. Stem Cell Research and Therapy, 2013, 4, 86.	5.5	23
16	Characterizing the encapsulation and release of lentivectors and adeno-associated vectors from degradable alginate hydrogels. Biomaterials Science, 2019, 7, 645-656.	5.4	23
17	New perspectives on natural flavonoids on COVID-19-induced lung injuries. Phytotherapy Research, 2021, 35, 4988-5006.	5.8	23
18	Effect of antipsychotic drugs on gene expression in the prefrontal cortex and nucleus accumbens in the spontaneously hypertensive rat (SHR). Schizophrenia Research, 2014, 157, 163-168.	2.0	22

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19	Microfluidic generation of alginate microgels for the controlled delivery of lentivectors. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6989-6999.	5.8	20
20	Hydrogel biophysical properties instruct coculture-mediated osteogenic potential. <i>FASEB Journal</i> , 2016, 30, 477-486.	0.5	18
21	Proteolytic processed form of CXCL12 abolishes migration and induces apoptosis in neural stem cells in vitro. <i>Stem Cell Research</i> , 2017, 22, 61-69.	0.7	18
22	Gene and cell therapy for muscle regeneration. <i>Current Reviews in Musculoskeletal Medicine</i> , 2015, 8, 182-187.	3.5	17
23	NAADP-sensitive two-pore channels are present and functional in gastric smooth muscle cells. <i>Cell Calcium</i> , 2014, 56, 51-58.	2.4	16
24	PRP and BMAC for Musculoskeletal Conditions via Biomaterial Carriers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5328.	4.1	16
25	Comparison of treatments of peripheral arterial disease with mesenchymal stromal cells and mesenchymal stromal cells modified with granulocyte and macrophage colony-stimulating factor. <i>Cytotherapy</i> , 2013, 15, 820-829.	0.7	14
26	Treatment of Mouse Limb Ischemia with an Integrative Hypoxia-Responsive Vector Expressing the Vascular Endothelial Growth Factor Gene. <i>PLoS ONE</i> , 2012, 7, e33944.	2.5	13
27	Mesenchymal Stem Cells Do Not Prevent Antibody Responses against Human $\beta$ -L-Iduronidase when Used to Treat Mucopolysaccharidosis Type I. <i>PLoS ONE</i> , 2014, 9, e92420.	2.5	11
28	Expression profile of neurotransmitter receptor and regulatory genes in the prefrontal cortex of spontaneously hypertensive rats: Relevance to neuropsychiatric disorders. <i>Psychiatry Research</i> , 2014, 219, 674-679.	3.3	11
29	Altered release and uptake of gamma-aminobutyric acid in the cerebellum of dystrophin-deficient mice. <i>Neurochemistry International</i> , 2018, 118, 105-114.	3.8	8
30	Treatment of adult MPSI mouse brains with IDUA-expressing mesenchymal stem cells decreases GAG deposition and improves exploratory behavior. <i>Genetic Vaccines and Therapy</i> , 2012, 10, 2.	1.5	6
31	$\beta$ -L-Iduronidase gene-based therapy using the phiC31 system to treat mucopolysaccharidose type I mice. <i>Journal of Gene Medicine</i> , 2015, 17, 1-13.	2.8	6
32	Reduction in skeletal muscle fibrosis of spontaneously hypertensive rats after laceration by microRNA targeting angiotensin II receptor. <i>PLoS ONE</i> , 2017, 12, e0186719.	2.5	5
33	STR analysis in bones exposed to Brazilian tropical climate. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e550-e551.	0.3	3
34	Angiotensin II modulates the murine hematopoietic stem cell and progenitors cocultured with stromal S17 cells. <i>Cell Biology International</i> , 2021, 45, 1459-1467.	3.0	2
35	Epidemiology and Clinical Features of Muscle Injuries. <i>Sports Et Traumatologie</i> , 2017, , 59-66.	0.0	1
36	Regenerative effect of platelet-rich plasma in the murine ischemic limbs. <i>Life Sciences</i> , 2021, 284, 119934.	4.3	1

#	ARTICLE	IF	CITATIONS
37	636. The Anti-Tumor Effects of Adipose Tissue Mesenchymal Stem Cell Transduced With HSV-1-TK Gene on U87-Driven Brain Tumor. <i>Molecular Therapy</i> , 2015, 23, S253.	8.2	0
38	Treatment of Muscle Injury. <i>Sports Et Traumatologie</i> , 2017, , 97-104.	0.0	0
39	Abstract 1167: Cytoplasmic p21WAF1/CIP1 increases metastatic melanoma survival upon chemotherapy. , 2016, , .		0
40	Late Breaking Abstract - ACE2 Overexpression Modulates Nicotine Receptors In Cell Type Specific Manner: Possible Relevance In Covid-19. , 2021, , .		0