

Fabio M Rossi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2570901/fabio-m-rossi-publications-by-year.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

115
papers

10,128
citations

46
h-index

100
g-index

141
ext. papers

11,883
ext. citations

10.6
avg, IF

6.12
L-index

#	Paper	IF	Citations
115	Human skeletal muscle CD90 fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients. <i>Cell Metabolism</i> , 2021 , 33, 2201-2214.e11	24.6	6
114	Emerging skeletal muscle stromal cell diversity: Functional divergence in fibro/adipogenic progenitor and mural cell populations. <i>Experimental Cell Research</i> , 2021 , 410, 112947	4.2	1
113	Multipotent stromal cells: One name, multiple identities. <i>Cell Stem Cell</i> , 2021 , 28, 1690-1707	18	5
112	The Effect of Posterior Lumbar Spinal Surgery on Biomechanical Properties of Rat Paraspinal Muscles 13 Weeks After Surgery. <i>Spine</i> , 2021 , 46, E1125-E1135	3.3	0
111	Evolving Roles of Muscle-Resident Fibro-Adipogenic Progenitors in Health, Regeneration, Neuromuscular Disorders, and Aging. <i>Frontiers in Physiology</i> , 2021 , 12, 673404	4.6	17
110	Adipocyte death triggers a pro-inflammatory response and induces metabolic activation of resident macrophages. <i>Cell Death and Disease</i> , 2021 , 12, 579	9.8	9
109	Migration of Lung Resident Group 2 Innate Lymphoid Cells Link Allergic Lung Inflammation and Liver Immunity. <i>Frontiers in Immunology</i> , 2021 , 12, 679509	8.4	6
108	Fibroblast and Myofibroblast Subtypes: Single Cell Sequencing. <i>Methods in Molecular Biology</i> , 2021 , 2299, 49-84	1.4	0
107	Mapping the origin and fate of myeloid cells in distinct compartments of the eye by single-cell profiling. <i>EMBO Journal</i> , 2021 , 40, e105123	13	24
106	Origins, potency, and heterogeneity of skeletal muscle fibro-adipogenic progenitors-time for new definitions. <i>Skeletal Muscle</i> , 2021 , 11, 16	5.1	5
105	In vitro assessment of anti-fibrotic drug activity does not predict in vivo efficacy in murine models of Duchenne muscular dystrophy. <i>Life Sciences</i> , 2021 , 279, 119482	6.8	3
104	Larger muscle fibers and fiber bundles manifest smaller elastic modulus in paraspinal muscles of rats and humans. <i>Scientific Reports</i> , 2021 , 11, 18565	4.9	0
103	Cholesterol absorption blocker ezetimibe prevents muscle wasting in severe dysferlin-deficient and mdx mice.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	2
102	Closing gaps, opening doors: an experimental collaboration in stem cell intervention. <i>Molecular Biology Reports</i> , 2020 , 47, 4105-4108	2.8	
101	Towards stem cell therapies for skeletal muscle repair. <i>Npj Regenerative Medicine</i> , 2020 , 5, 10	15.8	27
100	High prevalence of plasma lipid abnormalities in human and canine Duchenne and Becker muscular dystrophies depicts a new type of primary genetic dyslipidemia. <i>Journal of Clinical Lipidology</i> , 2020 , 14, 459-469.e0	4.9	7
99	Pathogenic Potential of Hic1-Expressing Cardiac Stromal Progenitors. <i>Cell Stem Cell</i> , 2020 , 26, 205-220.e88		30

98	Murine Tissue-Resident PDGFR β Fibro-Adipogenic Progenitors Spontaneously Acquire Osteogenic Phenotype in an Altered Inflammatory Environment. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1525-1534	6.3	21
97	TGF β -Driven downregulation of the transcription factor TCF7L2 affects Wnt/ β -catenin signaling in PDGFR β fibroblasts. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	16
96	Cardiac fibroblast diversity in health and disease. <i>Matrix Biology</i> , 2020 , 91-92, 75-91	11.4	12
95	Distinct Regulatory Programs Control the Latent Regenerative Potential of Dermal Fibroblasts during Wound Healing. <i>Cell Stem Cell</i> , 2020 , 27, 396-412.e6	18	40
94	Systemic hypoxia mimicry enhances axonal regeneration and functional recovery following peripheral nerve injury. <i>Experimental Neurology</i> , 2020 , 334, 113436	5.7	3
93	Cross-talk between TGF β and PDGFR β signaling pathways regulates the fate of stromal fibro-adipogenic progenitors. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	32
92	Targeting myeloid-derived suppressor cells in combination with primary mammary tumor resection reduces metastatic growth in the lungs. <i>Breast Cancer Research</i> , 2019 , 21, 103	8.3	25
91	The origins and non-canonical functions of macrophages in development and regeneration. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	45
90	Adherent muscle connective tissue fibroblasts are phenotypically and biochemically equivalent to stromal fibro/adipogenic progenitors. <i>Matrix Biology Plus</i> , 2019 , 2, 100006	5.1	21
89	Hic1 Defines Quiescent Mesenchymal Progenitor Subpopulations with Distinct Functions and Fates in Skeletal Muscle Regeneration. <i>Cell Stem Cell</i> , 2019 , 25, 797-813.e9	18	64
88	Inhibition of Methyltransferase Setd7 Allows the In Vitro Expansion of Myogenic Stem Cells with Improved Therapeutic Potential. <i>Cell Stem Cell</i> , 2018 , 22, 177-190.e7	18	33
87	Increased nonHDL cholesterol levels cause muscle wasting and ambulatory dysfunction in the mouse model of LGMD2B. <i>Journal of Lipid Research</i> , 2018 , 59, 261-272	6.3	15
86	Microglia's heretical self-renewal. <i>Nature Neuroscience</i> , 2018 , 21, 455-456	25.5	5
85	Fibro/Adipogenic Progenitors (FAPs): Isolation by FACS and Culture. <i>Methods in Molecular Biology</i> , 2017 , 1556, 179-189	1.4	11
84	Isolation, Culture, and Differentiation of Fibro/Adipogenic Progenitors (FAPs) from Skeletal Muscle. <i>Methods in Molecular Biology</i> , 2017 , 1668, 93-103	1.4	25
83	A blueprint for the next generation of ELSI research, training, and outreach in regenerative medicine. <i>Npj Regenerative Medicine</i> , 2017 , 2, 21	15.8	3
82	Loss of Vascular CD34 Results in Increased Sensitivity to Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 57, 651-661	5.7	6
81	Increased plasma lipid levels exacerbate muscle pathology in the mdx mouse model of Duchenne muscular dystrophy. <i>Skeletal Muscle</i> , 2017 , 7, 19	5.1	19

80	Bone Marrow-Derived Cell Accumulation in the Spinal Cord Is Independent of Peripheral Mobilization in a Mouse Model of Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2017 , 8, 75	4.1	6
79	The lysine methyltransferase Ehmt2/G9a is dispensable for skeletal muscle development and regeneration. <i>Skeletal Muscle</i> , 2016 , 6, 22	5.1	20
78	Loss of niche-satellite cell interactions in syndecan-3 null mice alters muscle progenitor cell homeostasis improving muscle regeneration. <i>Skeletal Muscle</i> , 2016 , 6, 34	5.1	24
77	G9a regulates group 2 innate lymphoid cell development by repressing the group 3 innate lymphoid cell program. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1153-62	16.6	22
76	Pharmacological blockage of fibro/adipogenic progenitor expansion and suppression of regenerative fibrogenesis is associated with impaired skeletal muscle regeneration. <i>Stem Cell Research</i> , 2016 , 17, 161-9	1.6	83
75	SETD7 Controls Intestinal Regeneration and Tumorigenesis by Regulating Wnt/ β Catenin and Hippo/YAP Signaling. <i>Developmental Cell</i> , 2016 , 37, 47-57	10.2	64
74	Origin, fate and dynamics of macrophages at central nervous system interfaces. <i>Nature Immunology</i> , 2016 , 17, 797-805	19.1	572
73	Submyeloablative conditioning with busulfan permits bone marrow-derived cell accumulation in a murine model of Alzheimer's disease. <i>Neuroscience Letters</i> , 2015 , 588, 196-201	3.3	7
72	Skeletal muscle-resident MSCs and bone formation. <i>Bone</i> , 2015 , 80, 19-23	4.7	24
71	Busulfan as a myelosuppressive agent for generating stable high-level bone marrow chimerism in mice. <i>Journal of Visualized Experiments</i> , 2015 , e52553	1.6	13
70	Nilotinib reduces muscle fibrosis in chronic muscle injury by promoting TNF-mediated apoptosis of fibro/adipogenic progenitors. <i>Nature Medicine</i> , 2015 , 21, 786-94	50.5	358
69	In vivo characterization of neural crest-derived fibro/adipogenic progenitor cells as a likely cellular substrate for craniofacial fibrofatty infiltrating disorders. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 451, 148-51	3.4	10
68	Collision or convergence?: beliefs and politics in neuroscience discovery, ethics, and intervention. <i>Trends in Neurosciences</i> , 2014 , 37, 409-12	13.3	5
67	The role of microglia in human disease: therapeutic tool or target?. <i>Acta Neuropathologica</i> , 2014 , 128, 363-80	14.3	89
66	(R)-PFI-2 is a potent and selective inhibitor of SETD7 methyltransferase activity in cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12853-8	11.5	120
65	The methyltransferase G9a regulates HoxA9-dependent transcription in AML. <i>Genes and Development</i> , 2014 , 28, 317-27	12.6	102
64	Methyltransferase G9A regulates T cell differentiation during murine intestinal inflammation. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1945-55	15.9	57
63	Control of the hippo pathway by Set7-dependent methylation of Yap. <i>Developmental Cell</i> , 2013 , 26, 188-94	14.2	100

62	Tissue-resident mesenchymal stem/progenitor cells in skeletal muscle: collaborators or saboteurs?. <i>FEBS Journal</i> , 2013 , 280, 4100-8	5.7	83
61	Myelosuppressive conditioning using busulfan enables bone marrow cell accumulation in the spinal cord of a mouse model of amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2013 , 8, e60661	3.7	14
60	Tissue-resident Sca1^+ $\text{PDGFR}\beta$ mesenchymal progenitors are the cellular source of fibrofatty infiltration in arrhythmogenic cardiomyopathy. <i>F1000Research</i> , 2013 , 2, 141	3.6	10
59	Role of stem/progenitor cells in reparative disorders. <i>Fibrogenesis and Tissue Repair</i> , 2012 , 5, 20		24
58	Functionally convergent white adipogenic progenitors of different lineages participate in a diffused system supporting tissue regeneration. <i>Stem Cells</i> , 2012 , 30, 1152-62	5.8	52
57	Deconstruction of the SS18-SSX fusion oncoprotein complex: insights into disease etiology and therapeutics. <i>Cancer Cell</i> , 2012 , 21, 333-47	24.3	116
56	In vivo evaluation of calcium polyphosphate for bone regeneration. <i>Journal of Biomaterials Applications</i> , 2012 , 27, 267-75	2.9	10
55	The Neuroinflammatory Response in ALS: The Roles of Microglia and T Cells. <i>Neurology Research International</i> , 2012 , 2012, 803701	1.7	52
54	Bone Marrow Derived Cells as Treatment Vehicles in the Central Nervous System 2012 , 109-123		
53	p53-dependent transcription and tumor suppression are not affected in Set7/9-deficient mice. <i>Molecular Cell</i> , 2011 , 43, 673-80	17.6	55
52	NUP98-HOXA10hd-expanded hematopoietic stem cells efficiently reconstitute bone marrow of mismatched recipients and induce tolerance. <i>Cell Transplantation</i> , 2011 , 20, 1099-108	4	4
51	Prolonged self-renewal activity unmasks telomerase control of telomere homeostasis and function of mouse hematopoietic stem cells. <i>Blood</i> , 2011 , 118, 1766-73	2.2	13
50	Purification of progenitors from skeletal muscle. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	23
49	CD34 promotes satellite cell motility and entry into proliferation to facilitate efficient skeletal muscle regeneration. <i>Stem Cells</i> , 2011 , 29, 2030-41	5.8	54
48	Nonmyogenic cells in skeletal muscle regeneration. <i>Current Topics in Developmental Biology</i> , 2011 , 96, 139-65	5.3	35
47	Infiltrating monocytes trigger EAE progression, but do not contribute to the resident microglia pool. <i>Nature Neuroscience</i> , 2011 , 14, 1142-9	25.5	748
46	Lysine methyltransferase G9a is required for de novo DNA methylation and the establishment, but not the maintenance, of proviral silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 5718-23	11.5	94
45	Targeted cell fusion facilitates stable heterokaryon generation in vitro and in vivo. <i>PLoS ONE</i> , 2011 , 6, e26381	3.7	11

44	Muscle injury activates resident fibro/adipogenic progenitors that facilitate myogenesis. <i>Nature Cell Biology</i> , 2010 , 12, 153-63	23.4	976
43	CD34 mediates intestinal inflammation in Salmonella-infected mice. <i>Cellular Microbiology</i> , 2010 , 12, 1562-75	3.7	12
42	Activating and inhibitory functions for the histone lysine methyltransferase G9a in T helper cell differentiation and function. <i>Journal of Experimental Medicine</i> , 2010 , 207, 915-22	16.6	95
41	Effects of granulocyte-colony stimulating factor on bone marrow-derived progenitor cells in murine cardiac transplantation. <i>Cardiovascular Pathology</i> , 2010 , 19, 36-47	3.8	2
40	Mesenchymal stem cells for repair of the airway epithelium in asthma. <i>Expert Review of Respiratory Medicine</i> , 2010 , 4, 747-58	3.8	18
39	Effect of bone graft substitute on marrow stromal cell proliferation and differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94, 877-85	5.4	6
38	Microtopographical regulation of adult bone marrow progenitor cells chondrogenic and osteogenic gene and protein expressions. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 95, 294-304	5.4	15
37	Periodontal regeneration using engineered bone marrow mesenchymal stromal cells. <i>Biomaterials</i> , 2010 , 31, 8574-82	15.6	115
36	Convergent genesis of an adult neural crest-like dermal stem cell from distinct developmental origins. <i>Stem Cells</i> , 2010 , 28, 2027-40	5.8	84
35	Activating and inhibitory functions for the histone lysine methyltransferase G9a in T helper cell differentiation and function. <i>Journal of Cell Biology</i> , 2010 , 189, i9-i9	7.3	
34	Thymic progenitor homing and lymphocyte homeostasis are linked via S1P-controlled expression of thymic P-selectin/CCL25. <i>Journal of Experimental Medicine</i> , 2009 , 206, 761-78	16.6	76
33	Bone marrow-derived cells in the central nervous system of a mouse model of amyotrophic lateral sclerosis are associated with blood vessels and express CX(3)CR1. <i>Glia</i> , 2009 , 57, 1410-9	9	32
32	Depot-specific differences in adipogenic progenitor abundance and proliferative response to high-fat diet. <i>Stem Cells</i> , 2009 , 27, 2563-70	5.8	203
31	The differential in vitro and in vivo responses of bone marrow stromal cells on novel porous gelatin-alginate scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009 , 3, 601-14	4.4	51
30	Effects of continuous and pulsatile PTH treatments on rat bone marrow stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 380, 791-6	3.4	19
29	Sca-1 expression is required for efficient remodeling of the extracellular matrix during skeletal muscle regeneration. <i>Developmental Biology</i> , 2009 , 326, 47-59	3.1	53
28	Silencing inhibits Cre-mediated recombination of the Z/AP and Z/EG reporters in adult cells. <i>PLoS ONE</i> , 2009 , 4, e5435	3.7	50
27	Extensive fusion of haematopoietic cells with Purkinje neurons in response to chronic inflammation. <i>Nature Cell Biology</i> , 2008 , 10, 575-83	23.4	184

26	Ex vivo expansion of rat bone marrow mesenchymal stromal cells on microcarrier beads in spin culture. <i>Biomaterials</i> , 2007 , 28, 3110-20	15.6	118
25	Local self-renewal can sustain CNS microglia maintenance and function throughout adult life. <i>Nature Neuroscience</i> , 2007 , 10, 1538-43	25.5	1112
24	Origin and distribution of bone marrow-derived cells in the central nervous system in a mouse model of amyotrophic lateral sclerosis. <i>Glia</i> , 2006 , 53, 744-53	9	91
23	Circulating myogenic progenitors and muscle repair. <i>Seminars in Cell and Developmental Biology</i> , 2005 , 16, 632-40	7.5	16
22	Methods for examining stem cells in post-ischemic and transplanted hearts. <i>Methods in Molecular Medicine</i> , 2005 , 112, 223-38		7
21	Recruitment of adult thymic progenitors is regulated by P-selectin and its ligand PSGL-1. <i>Nature Immunology</i> , 2005 , 6, 626-34	19.1	186
20	Bone marrow-derived recipient cells in murine transplanted hearts: potential roles and the effect of immunosuppression. <i>Laboratory Investigation</i> , 2005 , 85, 982-91	5.9	11
19	Minimal contribution of marrow-derived endothelial precursors to tumor vasculature. <i>Journal of Immunology</i> , 2005 , 175, 2890-9	5.3	69
18	Strategies of conditional gene expression in myocardium: an overview. <i>Methods in Molecular Medicine</i> , 2005 , 112, 109-54		36
17	Contribution of hematopoietic stem cells to skeletal muscle. <i>Nature Medicine</i> , 2003 , 9, 1528-32	50.5	209
16	Latest developments and in vivo use of the Tet system: ex vivo and in vivo delivery of tetracycline-regulated genes. <i>Current Opinion in Biotechnology</i> , 2002 , 13, 448-52	11.4	78
15	Something in the eye of the beholder. <i>Science</i> , 2002 , 298, 361-2; author reply 362-3	33.3	27
14	Epidermal growth factor receptor dimerization monitored in live cells. <i>Nature Biotechnology</i> , 2000 , 18, 218-22	44.5	85
13	Interaction blues: protein interactions monitored in live mammalian cells by beta-galactosidase complementation. <i>Trends in Cell Biology</i> , 2000 , 10, 119-22	18.3	46
12	Transcriptional control: rheostat converted to on/off switch. <i>Molecular Cell</i> , 2000 , 6, 723-8	17.6	120
11	From marrow to brain: expression of neuronal phenotypes in adult mice. <i>Science</i> , 2000 , 290, 1775-9	33.3	1289
10	Tet B or not tet B: advances in tetracycline-inducible gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 797-9	11.5	104
9	Tetracycline-regulatable factors with distinct dimerization domains allow reversible growth inhibition by p16. <i>Nature Genetics</i> , 1998 , 20, 389-93	36.3	107

8	Recent advances in inducible gene expression systems. <i>Current Opinion in Biotechnology</i> , 1998 , 9, 451-6	11.4	96
7	Graded transcriptional response to different concentrations of a single transactivator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 13670-5	11.5	91
6	Thrombomucin, a novel cell surface protein that defines thrombocytes and multipotent hematopoietic progenitors. <i>Journal of Cell Biology</i> , 1997 , 138, 1395-407	7.3	109
5	Monitoring protein-protein interactions in intact eukaryotic cells by beta-galactosidase complementation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8405-10	11.5	282
4	Expression of runtB is modulated during chondrocyte differentiation. <i>Experimental Cell Research</i> , 1996 , 223, 215-26	4.2	14
3	Excision of Ets by an inducible site-specific recombinase causes differentiation of Myb-Ets-transformed hematopoietic progenitors. <i>Current Biology</i> , 1996 , 6, 866-72	6.3	15
2	Different thermostabilities of FLP and Cre recombinases: implications for applied site-specific recombination. <i>Nucleic Acids Research</i> , 1996 , 24, 4256-62	20.1	146
1	Human skeletal muscle CD90+ fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients		4