

Wanda Lattanzi

List of Publications by Year in descending order

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77
papers

2,868
citations

186209

28
h-index

182361

51
g-index

82
all docs

82
docs citations

82
times ranked

4790
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Application of Adipose Derived Stem Cells for the Treatment of Aseptic Non-Unions: Current Stage and Future Perspectives” Systematic Review. International Journal of Molecular Sciences, 2022, 23, 3057.	1.8	11
2	Targeted Sequencing of Candidate Regions Associated with Sagittal and Metopic Nonsyndromic Craniosynostosis. Genes, 2022, 13, 816.	1.0	4
3	Mother and Daughter Carrying of the Same Pathogenic Variant in FGFR2 with Discordant Phenotype. Genes, 2022, 13, 1161.	1.0	0
4	Challenges and Innovations in Osteochondral Regeneration: Insights from Biology and Inputs from Bioengineering toward the Optimization of Tissue Engineering Strategies. Journal of Functional Biomaterials, 2021, 12, 17.	1.8	18
5	Personalized Bone Reconstruction and Regeneration in the Treatment of Craniosynostosis. Applied Sciences (Switzerland), 2021, 11, 2649.	1.3	6
6	Basic and Preclinical Research for Personalized Medicine. Journal of Personalized Medicine, 2021, 11, 354.	1.1	8
7	Ciliary Signalling and Mechanotransduction in the Pathophysiology of Craniosynostosis. Genes, 2021, 12, 1073.	1.0	7
8	Regenerative Strategy for Persistent Periprosthetic Leakage around Tracheoesophageal Puncture: Is It an Effective Long-Term Solution?. Cells, 2021, 10, 1695.	1.8	4
9	Biosynthesis and physico-chemical characterization of high performing peptide hydrogels@graphene oxide composites. Colloids and Surfaces B: Biointerfaces, 2021, 207, 111989.	2.5	6
10	Shaping modern human skull through epigenetic, transcriptional and post-transcriptional regulation of the RUNX2 master bone gene. Scientific Reports, 2021, 11, 21316.	1.6	8
11	Graphene Quantum Dots” Surface Chemistry Modulates the Sensitivity of Glioblastoma Cells to Chemotherapeutics. International Journal of Molecular Sciences, 2020, 21, 6301.	1.8	32
12	Rising Roles of Small Noncoding RNAs in Cotranscriptional Regulation: In Silico Study of miRNA and piRNA Regulatory Network in Humans. Genes, 2020, 11, 482.	1.0	8
13	SMAD6 variants in craniosynostosis: genotype and phenotype evaluation. Genetics in Medicine, 2020, 22, 1498-1506.	1.1	31
14	Graphene Oxide Nano-Concentrators Selectively Modulate RNA Trapping According to Metal Cations in Solution. Frontiers in Bioengineering and Biotechnology, 2020, 8, 421.	2.0	8
15	GLI1 and AXIN2 Are Distinctive Markers of Human Calvarial Mesenchymal Stromal Cells in Nonsyndromic Craniosynostosis. International Journal of Molecular Sciences, 2020, 21, 4356.	1.8	18
16	3D-printed graphene for bone reconstruction. 2D Materials, 2020, 7, 022004.	2.0	27
17	A genome-wide association study implicates the BMP7 locus as a risk factor for nonsyndromic metopic craniosynostosis. Human Genetics, 2020, 139, 1077-1090.	1.8	24
18	Gain-of-function variants and overexpression of RUNX2 in patients with nonsyndromic midline craniosynostosis. Bone, 2020, 137, 115395.	1.4	17

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19	Craniosynostosis: Genetic Basis, Genes, Chromosomes, and Resulting Syndromes. , 2020, , 1373-1391.		0
20	BBS9 gene in nonsyndromic craniosynostosis: Role of the primary cilium in the aberrant ossification of the suture osteogenic niche. Bone, 2018, 112, 58-70.	1.4	12
21	Liposuction Aspirate Fluid Adipose-Derived Stem Cell Injection and Secondary Healing in Fingertip Injury: A Pilot Study. Plastic and Reconstructive Surgery, 2018, 142, 136-147.	0.7	31
22	Graphene Oxide Laser Printing for Controlled STEM Cells Differentiation and Antibacterial Effects. Biophysical Journal, 2018, 114, 362a-363a.	0.2	0
23	Reduction and shaping of graphene-oxide by laser-printing for controlled bone tissue regeneration and bacterial killing. 2D Materials, 2018, 5, 015027.	2.0	32
24	A craniosynostosis massively parallel sequencing panel study in 309 Australian and New Zealand patients: findings and recommendations. Genetics in Medicine, 2018, 20, 1061-1068.	1.1	37
25	Graphene Oxide Induced Osteogenesis Quantification by In-Situ 2D-Fluorescence Spectroscopy. International Journal of Molecular Sciences, 2018, 19, 3336.	1.8	12
26	Skeletal Muscle MicroRNAs as Key Players in the Pathogenesis of Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2018, 19, 1534.	1.8	25
27	Genetic advances in craniosynostosis. American Journal of Medical Genetics, Part A, 2017, 173, 1406-1429.	0.7	84
28	Adipose-derived stem cell therapies for bone regeneration. Expert Opinion on Biological Therapy, 2017, 17, 677-689.	1.4	55
29	Potential therapeutic targets for ALS: MIR206, MIR208b and MIR499 are modulated during disease progression in the skeletal muscle of patients. Scientific Reports, 2017, 7, 9538.	1.6	48
30	Schizophrenia and Human Self-Domestication: An Evolutionary Linguistics Approach. Brain, Behavior and Evolution, 2017, 89, 162-184.	0.9	42
31	Four-Dimensional Bioprinting As a New Era for Tissue Engineering and Regenerative Medicine. Frontiers in Bioengineering and Biotechnology, 2017, 5, 61.	2.0	48
32	Craniosynostosis: Genetic Basis, Genes, Chromosomes, and Resulting Syndromes. , 2017, , 1-25.		0
33	Editorial: Crosstalk between the Osteogenic and Neurogenic Stem Cell Niches: How Far are They from Each Other?. Frontiers in Cellular Neuroscience, 2016, 9, 504.	1.8	4
34	Language Impairments in ASD Resulting from a Failed Domestication of the Human Brain. Frontiers in Neuroscience, 2016, 10, 373.	1.4	52
35	Novel Osteointegrative Sr-Substituted Apatitic Cements Enriched with Alginate. Materials, 2016, 9, 763.	1.3	24
36	Lipoaspirate fluid proteome: A preliminary investigation by LC-MS top-down/bottom-up integrated platform of a high potential biofluid in regenerative medicine. Electrophoresis, 2016, 37, 1015-1026.	1.3	14

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37	In Vitro Validation of a Closed Device Enabling the Purification of the Fluid Portion of Liposuction Aspirates. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 1157-1167.	0.7	20
38	Top-down proteomic characterization of DAOY medulloblastoma tumor cell line. <i>EuPA Open Proteomics</i> , 2016, 12, 13-21.	2.5	3
39	Estrogen administration modulates hippocampal GABAergic subpopulations in the hippocampus of trimethyltin-treated rats. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 433.	1.8	30
40	Osteogenic and Neurogenic Stem Cells in Their Own Place: Unraveling Differences and Similarities Between Niches. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 455.	1.8	15
41	Qualitative and quantitative differences of adipose-derived stromal cells from superficial and deep subcutaneous lipoaspirates: a matter of fat. <i>Cytotherapy</i> , 2015, 17, 1076-1089.	0.3	63
42	The Neurogenic Effects of Exogenous Neuropeptide Y: Early Molecular Events and Long-Lasting Effects in the Hippocampus of Trimethyltin-Treated Rats. <i>PLoS ONE</i> , 2014, 9, e88294.	1.1	24
43	Spinal Fusion in the Next Generation: Gene and Cell Therapy Approaches. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	0.8	18
44	Bone substitutes in orthopaedic surgery: from basic science to clinical practice. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2445-2461.	1.7	791
45	Grafting and Early Expression of Growth Factors from Adipose-Derived Stem Cells Transplanted into the Cochlea, in a Guinea Pig Model of Acoustic Trauma. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 334.	1.8	22
46	Bone Substitution in Spine Fusion: The Past, the Present, and the Future. , 2014, , 311-331.		3
47	Lim mineralization protein is involved in the premature calvarial ossification in sporadic craniosynostoses. <i>Bone</i> , 2013, 52, 474-484.	1.4	33
48	Gene Expression Profiling as a Tool to Investigate the Molecular Machinery Activated during Hippocampal Neurodegeneration Induced by Trimethyltin (TMT) Administration. <i>International Journal of Molecular Sciences</i> , 2013, 14, 16817-16835.	1.8	33
49	Adipose-Derived Mesenchymal Cells for Bone Regeneration: State of the Art. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	69
50	Gene Regulation Networks in Early Phase of Duchenne Muscular Dystrophy. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013, 10, 393-400.	1.9	2
51	Update on small intestinal stem cells. <i>World Journal of Gastroenterology</i> , 2013, 19, 4671.	1.4	8
52	Colon cancer stem cells: Controversies and perspectives. <i>World Journal of Gastroenterology</i> , 2013, 19, 2997.	1.4	62
53	Mitochondrial Network Genes in the Skeletal Muscle of Amyotrophic Lateral Sclerosis Patients. <i>PLoS ONE</i> , 2013, 8, e57739.	1.1	42
54	Lim Mineralization Protein 3 Induces the Osteogenic Differentiation of Human Amniotic Fluid Stromal Cells through Kruppel-Like Factor-4 Downregulation and Further Bone-Specific Gene Expression. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-11.	3.0	16

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55	Genome-Wide Gene Expression Profiling of Human Narcolepsy. <i>Gene Expression</i> , 2012, 15, 171-181.	0.5	11
56	Gene expression profiling in human craniosynostoses: a tool to investigate the molecular basis of suture ossification. <i>Child's Nervous System</i> , 2012, 28, 1295-1300.	0.6	14
57	Genetic basis of single-suture synostoses: genes, chromosomes and clinical implications. <i>Child's Nervous System</i> , 2012, 28, 1301-1310.	0.6	50
58	The neuroprotective and neurogenic effects of neuropeptide Y administration in an animal model of hippocampal neurodegeneration and temporal lobe epilepsy induced by trimethyltin. <i>Journal of Neurochemistry</i> , 2012, 122, 415-426.	2.1	46
59	The S100B protein in biological fluids: more than a lifelong biomarker of brain distress. <i>Journal of Neurochemistry</i> , 2012, 120, 644-659.	2.1	199
60	Gene profiling of bone marrow- and adipose tissue-derived stromal cells: a key role of Kruppel-like factor 4 in cell fate regulation. <i>Cytotherapy</i> , 2011, 13, 329-340.	0.3	34
61	Undifferentiated Human Adipose Tissue-Derived Stromal Cells Induce Mandibular Bone Healing in Rats. <i>JAMA Otolaryngology</i> , 2011, 137, 463.	1.5	31
62	Neurotrophic Features of Human Adipose Tissue-Derived Stromal Cells: <i>In Vitro</i> and <i>In Vivo</i> Studies. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-9.	3.0	44
63	Therapeutic Implications of Mesenchymal Stem Cells in Liver Injury. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	65
64	Ex vivo gene therapy using autologous dermal fibroblasts expressing hLMP3 for rat mandibular bone regeneration. <i>Head and Neck</i> , 2010, 32, 310-318.	0.9	27
65	Transcriptional Effects of S100B on Neuroblastoma Cells: Perturbation of Cholesterol Homeostasis and Interference on the Cell Cycle. <i>Gene Expression</i> , 2010, 14, 345-359.	0.5	14
66	Early Transcriptional Events During Osteogenic Differentiation of Human Bone Marrow Stromal Cells Induced by Lim Mineralization Protein 3. <i>Gene Expression</i> , 2010, 15, 27-42.	0.5	18
67	Mitochondrial oxygen consumption inhibition importance for TMT-dependent cell death in undifferentiated PC12 cells. <i>Neurochemistry International</i> , 2008, 52, 1092-1099.	1.9	39
68	Ex vivo-transduced autologous skin fibroblasts expressing human Lim mineralization protein-3 efficiently form new bone in animal models. <i>Gene Therapy</i> , 2008, 15, 1330-1343.	2.3	58
69	Hypoxia-like transcriptional activation in TMT-induced degeneration: microarray expression analysis on PC12 cells. <i>Journal of Neurochemistry</i> , 2007, 100, 070210024758021-???	2.1	31
70	An Acephalus Acardius Amorphous Fetus in a Monochorionic Pregnancy With Sex Discrepancy. <i>Twin Research and Human Genetics</i> , 2006, 9, 697-702.	0.3	12
71	338. Microarray Analysis of Genes Regulated during Induction of Osteogenesis by Human Lim Mineralization Protein-3 (LMP-3) in Human Mesenchymal Stem Cells. <i>Molecular Therapy</i> , 2006, 13, S128-S129.	3.7	0
72	1093. Ex Vivo Gene Therapy Approach Using Human Lim Mineralization Protein_3 To Induce Bone Healing in a Rodent Model. <i>Molecular Therapy</i> , 2006, 13, S420.	3.7	0

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73	An Acephalus Acardius Amorphous Fetus in a Monochorionic Pregnancy With Sex Discrepancy. Twin Research and Human Genetics, 2006, 9, 697-702.	0.3	6
74	A large interstitial deletion encompassing the amelogenin gene on the short arm of the Y chromosome. Human Genetics, 2005, 116, 395-401.	1.8	76
75	Efficient bone formation by gene transfer of human LIM mineralization protein-3. Gene Therapy, 2004, 11, 683-693.	2.3	42
76	Endoglin gene mutations and polymorphisms in Italian patients with hereditary haemorrhagic telangiectasia. Clinical Genetics, 2003, 63, 536-540.	1.0	27
77	Genes and Molecular Pathways of the Osteogenic Process. , 0, , .		5