Graziella Pellegrini

List of Publications by Year
in descending order

91 papers	10,196 citations	81900 39 h-index	66911 78 g-index
93 all docs	93 docs citations	93 times ranked	6739 citing authors

#	Article	IF	Citations
1	The cell as a tool to understand and repair urethra. , 2022, , 1-24.		0
2	Genetic Disorders of the Extracellular Matrix: From Cell and Gene Therapy to Future Applications in Regenerative Medicine. Annual Review of Genomics and Human Genetics, 2022, 23, 193-222.	6.2	5
3	The Growing Medical Need for Tracheal Replacement: Reconstructive Strategies Should Overcome Their Limits. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	8
4	Fluctuations in Corneal Endothelial LAP2 Expression Levels Correlate with Passage Dependent Declines in Their Cell Proliferative Activity. International Journal of Molecular Sciences, 2022, 23, 5859.	4.1	4
5	SOX2 Is a Univocal Marker for Human Oral Mucosa Epithelium Useful in Post-COMET Patient Characterization. International Journal of Molecular Sciences, 2022, 23, 5785.	4.1	3
6	Clinical Studies of COMET for Total LSCD: a Review of the Methods and Molecular Markers for Follow-Up Characterizations. Current Ophthalmology Reports, 2021, 9, 25-37.	1.2	7
7	Regenerative Medicine of Epithelia: Lessons From the Past and Future Goals. Frontiers in Bioengineering and Biotechnology, 2021, 9, 652214.	4.1	13
8	Preclinical study for treatment of hypospadias by advanced therapy medicinal products. World Journal of Urology, 2020, 38, 2115-2122.	2.2	11
9	A fine-tuned Î²-catenin regulation during proliferation of corneal endothelial cells revealed using proteomics analysis. Scientific Reports, 2020, 10, 13841.	3.3	11
10	Surgery Versus ATMPs: An Example From Ophthalmology. Frontiers in Bioengineering and Biotechnology, 2020, 8, 440.	4.1	7
11	Retinoic acid/calcite micro-carriers inserted in fibrin scaffolds modulate neuronal cell differentiation. Journal of Materials Chemistry B, 2019, 7, 5808-5813.	5.8	11
12	Advances in stem cell research and therapeutic development. Nature Cell Biology, 2019, 21, 801-811.	10.3	158
13	Laminin 332-Dependent YAP Dysregulation Depletes Epidermal Stem Cells in Junctional Epidermolysis Bullosa. Cell Reports, 2019, 27, 2036-2049.e6.	6.4	54
14	Global Consensus on Definition, Classification, Diagnosis, and Staging of Limbal Stem Cell Deficiency. Cornea, 2019, 38, 364-375.	1.7	196
15	Reply. Cornea, 2019, 38, e56-e57.	1.7	0
16	Navigating Market Authorization: The Path Holoclar Took to Become the First Stem Cell Product Approved in the European Union. Stem Cells Translational Medicine, 2018, 7, 146-154.	3.3	107
17	Living with Keratinocytes. Stem Cell Reports, 2018, 11, 1026-1033.	4.8	4
18	Approaches for Effective Clinical Application of Stem Cell Transplantation. Current Transplantation Reports, 2018, 5, 244-250.	2.0	11

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19	Regenerating Eye Tissues to Preserve and Restore Vision. Cell Stem Cell, 2018, 22, 834-849.	11.1	131
20	Stem Cells and Ocular Regeneration. , 2018, , .		1
21	Cultivated limbal epithelial transplantation. Current Opinion in Ophthalmology, 2017, 28, 387-389.	2.9	33
22	Regeneration of the entire human epidermis using transgenic stem cells. Nature, 2017, 551, 327-332.	27.8	544
23	Closure of a Large Chronic Wound through Transplantation of Gene-Corrected Epidermal Stem Cells. Journal of Investigative Dermatology, 2017, 137, 778-781.	0.7	99
24	From discovery to approval of an advanced therapy medicinal product-containing stem cells, in the EU. Regenerative Medicine, 2016, 11, 407-420.	1.7	53
25	One-stage Penile Urethroplasty Using Oral Mucosal Graft and Glue. European Urology, 2016, 70, 1069-1075.	1.9	15
26	169 Regeneration of a functional epidermis at a large, long-standing wound by gene-corrected autologous epidermal stem cells. Journal of Investigative Dermatology, 2016, 136, S189.	0.7	0
27	Comparative Assessment of Cultures from Oral and Urethral Stem Cells for Urethral Regeneration. Current Stem Cell Research and Therapy, 2016, 11, 643-651.	1.3	19
28	Limbal Stem-Cell Expansion and Transplantation. , 2016, , 193-202.		0
29	Advances in Gene/Cell Therapy in Epidermolysis Bullosa. Keio Journal of Medicine, 2015, 64, 21-25.	1.1	24
30	Corneal Bioengineering**Francesca Corradini and Michela Zattoni contributed equally to this work.. , 2014, , 829-840.		0
31	Development of Allele-Specific Gene-Silencing siRNAs for TGFBI Arg124Cys in Lattice Corneal Dystrophy Type I. , 2014, 55, 977.		34
32	Chemical injury treated with autologous limbal epithelial stem cell transplantation and subconjunctival bevacizumab. Clinical Ophthalmology, 2014, 8, 1671.	1.8	8
33	Concise Review: Hurdles in a Successful Example of Limbal Stem Cell-based Regenerative Medicine. Stem Cells, 2014, 32, 26-34.	3.2	95
34	Long-Term Stability and Safety of Transgenic Cultured Epidermal Stem Cells in Gene Therapy of Junctional Epidermolysis Bullosa. Stem Cell Reports, 2014, 2, 1-8.	4.8	124
35	siRNA Silencing of the Mutant Keratin 12 Allele in Corneal Limbal Epithelial Cells Grown From Patients With Meesmann's Epithelial Corneal Dystrophy. , 2014, 55, 3352.		28
36	Eyes on the Prize: Limbal Stem Cells and Corneal Restoration. Cell Stem Cell, 2014, 15, 121-122.	11.1	40

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37	Customizing Properties of Î²-Chitin in Squid Pen (Gladius) by Chemical Treatments. Marine Drugs, 2014, 12, 5979-5992.	4.6	31
38	The long and winding road that leads to a cure for epidermolysis bullosa. Regenerative Medicine, 2013, 8, 467-481.	1.7	21
39	Biological parameters determining the clinical outcome of autologous cultures of limbal stem cells. Regenerative Medicine, 2013, 8, 553-567.	1.7	117
40	Methods for Characterization/Manipulation of Human Corneal Stem Cells and their Applications in Regenerative Medicine. Methods in Molecular Biology, 2012, 916, 357-372.	0.9	15
41	Vision from the right stem. Trends in Molecular Medicine, 2011, 17, 1-7.	6.7	37
42	Alterations of epithelial stem cell marker patterns in human diabetic corneas and effects of c-met gene therapy. Molecular Vision, 2011, 17, 2177-90.	1.1	35
43	Evaluation of Molecular Markers in Corneal Regeneration by Means of Autologous Cultures of Limbal Cells and Keratoplasty. Cornea, 2010, 29, 715-722.	1.7	39
44	Limbal Stem-Cell Therapy and Long-Term Corneal Regeneration. New England Journal of Medicine, 2010, 363, 147-155.	27.0	990
45	Use of magnetically oriented orthogonal collagen scaffolds for hemi-corneal reconstruction and regeneration. Biomaterials, 2010, 31, 8313-8322.	11.4	73
46	Human Embryonic Stem Cell-Derived Keratinocytes: How Close to Clinics?. Cell Stem Cell, 2010, 6, 8-9.	11.1	12
47	Human epithelial stem cells in corneal regeneration and epidermal gene therapy. FASEB Journal, 2010, 24, 64.4.	0.5	0
48	In Vitro Evidence of Nerve Growth Factor Effects on Human Conjunctival Epithelial Cell Differentiation and Mucin Gene Expression. , 2009, 50, 4622.		54
49	Epithelial stem cells in corneal regeneration and epidermal gene therapy. Journal of Pathology, 2009, 217, 217-228.	4.5	106
50	Gene therapy of inherited skin adhesion disorders: a critical overview. British Journal of Dermatology, 2009, 161, 19-24.	1.5	48
51	Gene therapy of inherited skin adhesion disorders. Drug Discovery Today: Therapeutic Strategies, 2008, 5, 249-254.	0.5	0
52	Development of a Reconstructed Cornea from Collagenâ€“Chondroitin Sulfate Foams and Human Cell Cultures. , 2008, 49, 5325.		83
53	Correction of Laminin-5 Deficiency in Human Epidermal Stem Cells by Transcriptionally Targeted Lentiviral Vectors. Molecular Therapy, 2008, 16, 1977-1985.	8.2	60
54	Custom Phototherapeutic Keratectomy and Autologous Fibrin-cultured Limbal Stem Cell Autografting: A Combined Approach. Journal of Refractive Surgery, 2008, 24, 323-324.	2.3	13

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55	C/EBPÎ´ regulates cell cycle and self-renewal of human limbal stem cells. Journal of Cell Biology, 2007, 177, 1037-1049.	5.2	181
56	Towards therapeutic application of ocular stem cells. Seminars in Cell and Developmental Biology, 2007, 18, 805-818.	5.0	41
57	Regeneration of squamous epithelia from stem cells of cultured grafts. Regenerative Medicine, 2006, 1, 45-57.	1.7	164
58	Gene therapy in combination with tissue engineering to treat epidermolysis bullosa. Expert Opinion on Biological Therapy, 2006, 6, 367-378.	3.1	31
59	Towards a Gene Therapy Clinical Trial for Epidermolysis Bullosa. Reviews on Recent Clinical Trials, 2006, 1, 155-162.	0.8	11
60	Correction of junctional epidermolysis bullosa by transplantation of genetically modified epidermal stem cells. Nature Medicine, 2006, 12, 1397-1402.	30.7	593
61	Q-FIHC: Quantification of fluorescence immunohistochemistry to analysep63 isoforms and cell cycle phases in human limbal stem cells. Microscopy Research and Technique, 2006, 69, 983-991.	2.2	56
62	725. Correction of Laminin-5-Deficient Junctional Epidermolysis Bullosa by Transplantation of Genetically Modified Epidermal Stem Cells. A Phase-I Clinical Trial. Molecular Therapy, 2006, 13, S280.	8.2	0
63	Expression ofVSX1in Human Corneal Keratocytes during Differentiation into Myofibroblasts in Response to Wound Healing. , 2006, 47, 5243.		53
64	Separation of keratan-sulfate-derived disaccharides by high-performance liquid chromatography and postcolumn derivatization with 2-cyanoacetamide and fluorimetric detection. Analytical Biochemistry, 2005, 342, 200-205.	2.4	5
65	Isoforms of ÂNp63 and the migration of ocular limbal cells in human corneal regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9523-9528.	7.1	376
66	Gene therapy approaches for epidermolysis bullosa. Clinics in Dermatology, 2005, 23, 430-436.	1.6	30
67	Changing the Cell Source in Cell Therapy?. New England Journal of Medicine, 2004, 351, 1170-1172.	27.0	31
68	Permanent repigmentation of piebaldism by erbium:YAG laser and autologous cultured epidermis. British Journal of Dermatology, 2004, 150, 715-721.	1.5	46
69	Telomerase activity is sufficient to bypass replicative senescence in human limbal and conjunctival but not corneal keratinocytes. European Journal of Cell Biology, 2004, 83, 691-700.	3.6	22
70	Erbium:YAG Laser and Cultured Epidermis in the Surgical Therapy of Stable Vitiligo. Archives of Dermatology, 2003, 139, 1303-10.	1.4	71
71	p63 identifies keratinocyte stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 3156-3161.	7.1	1,249
72	AUTOLOGOUS FIBRIN-CULTURED LIMBAL STEM CELLS PERMANENTLY RESTORE THE CORNEAL SURFACE OF PATIENTS WITH TOTAL LIMBAL STEM CELL DEFICIENCY1. Transplantation, 2001, 72, 1478-1485.	1.0	458

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73	Treatment of "Stable" Vitiligo by Timedsurgery and Transplantation of Cultured Epidermal Autografts. Archives of Dermatology, 2000, 136, 1380-9.	1.4	133
74	Toward Epidermal Stem Cell-Mediatedex VivoGene Therapy of Junctional Epidermolysis Bullosa. Human Gene Therapy, 2000, 11, 2283-2287.	2.7	58
75	Location and Clonal Analysis of Stem Cells and Their Differentiated Progeny in the Human Ocular Surface. Journal of Cell Biology, 1999, 145, 769-782.	5.2	657
76	Analysis of the mechanical properties ofin vitro reconstructed epidermis: preliminary results. Medical and Biological Engineering and Computing, 1999, 37, 670-672.	2.8	6
77	THE CONTROL OF EPIDERMAL STEM CELLS (HOLOCLONES) IN THE TREATMENT OF MASSIVE FULL-THICKNESS BURNS WITH AUTOLOGOUS KERATINOCYTES CULTURED ON FIBRIN1. Transplantation, 1999, 68, 868-879.	1.0	328
78	Cultivation of human keratinocyte stem cells: current and future clinical applications. Medical and Biological Engineering and Computing, 1998, 36, 778-790.	2.8	67
79	Corrective Transduction of Human Epidermal Stem Cells in Laminin-5-Dependent Junctional Epidermolysis Bullosa. Human Gene Therapy, 1998, 9, 1359-1370.	2.7	123
80	Corneal epithelial stem-cell transplantation. Lancet, The, 1997, 349, 1556.	13.7	2
81	Long-term restoration of damaged corneal surfaces with autologous cultivated corneal epithelium. Lancet, The, 1997, 349, 990-993.	13.7	1,235
82	The importance of epidermal stem cells in keratinocyte-mediated gene therapy. Gene Therapy, 1997, 4, 381-383.	4.5	32
83	The ocular albinism type 1 gene product is a membrane glycoprotein localized to melanosomes.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9055-9060.	7.1	89
84	Role of Integrins in Cell Adhesion and Polarity in Normal Keratinocytes and Human Skin Pathologies. Journal of Dermatology, 1994, 21, 821-828.	1.2	50
85	The Basement Membrane Protein BM-600/Nicein Codistributes with Kalinin and the Integrin Î±6Î²4 in Human Cultured Keratinocytes. Experimental Cell Research, 1993, 205, 205-212.	2.6	50
86	The control of polarized integrin topography and the organization of adhesion-related cytoskeleton in normal human keratinocytes depend upon number of passages in culture and ionic environment. Experimental Cell Research, 1992, 202, 142-150.	2.6	28
87	Expression, topography, and function of integrin receptors are severely altered in keratinocytes from involved and uninvolved psoriatic skin.. Journal of Clinical Investigation, 1992, 89, 1783-1795.	8.2	120
88	GABAB autoreceptors in rat cortex synaptosomes: response under different depolarizing and ionic conditions. European Journal of Pharmacology, 1989, 172, 41-49.	2.6	31
89	A novel type of GABA receptor in rat spinal cord?. Naunyn-Schmiedeberg's Archives of Pharmacology, 1989, 340, 666-670.	3.0	15
90	Releaseâ€regulating autoreceptors of the GABA_Bâ€type in human cerebral cortex. British Journal of Pharmacology, 1989, 96, 341-346.	5.4	56

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91	Studies on [3H] GABA and endogenous GABA release in rat cerebral cortex suggest the presence of autoreceptors of the GABAB type. European Journal of Pharmacology, 1987, 144, 45-52.	3.5	95