

# barbara Bellei

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,574  
citations

257450

24  
h-index

302126

39  
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43  
all docs

43  
docs citations

43  
times ranked

2237  
citing authors

#	ARTICLE	IF	CITATIONS
1	GSK3 $\beta$ inhibition promotes melanogenesis in mouse B16 melanoma cells and normal human melanocytes. <i>Cellular Signalling</i> , 2008, 20, 1750-1761.	3.6	105
2	Role of fibroblast-derived growth factors in regulating hyperpigmentation of solar lentigo. <i>British Journal of Dermatology</i> , 2010, 163, 1020-1027.	1.5	101
3	p38 Regulates Pigmentation via Proteasomal Degradation of Tyrosinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 7288-7299.	3.4	92
4	Monozygotic twins discordant for recessive dystrophic epidermolysis bullosa phenotype highlight the role of TGF- $\beta$ 2 signalling in modifying disease severity. <i>Human Molecular Genetics</i> , 2014, 23, 3907-3922.	2.9	88
5	Wnt/ $\beta$ -catenin signaling is stimulated by $\alpha$ -melanocyte-stimulating hormone in melanoma and melanocyte cells: implication in cell differentiation. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 309-325.	3.3	80
6	Vitiligo: A Possible Model of Degenerative Diseases. <i>PLoS ONE</i> , 2013, 8, e59782.	2.5	79
7	Inhibition of Stearoyl-CoA desaturase 1 reverts BRAF and MEK inhibition-induced selection of cancer stem cells in BRAF-mutated melanoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 318.	8.6	66
8	The role of WNT/ $\beta$ -catenin signaling pathway in melanoma epithelial-to-mesenchymal-like switching: evidences from patients-derived cell lines. <i>Oncotarget</i> , 2016, 7, 43295-43314.	1.8	63
9	Focus on the Contribution of Oxidative Stress in Skin Aging. <i>Antioxidants</i> , 2022, 11, 1121.	5.1	63
10	Membrane lipid defects are responsible for the generation of reactive oxygen species in peripheral blood mononuclear cells from vitiligo patients. <i>Journal of Cellular Physiology</i> , 2010, 223, 187-193.	4.1	55
11	Premature cell senescence in human skin: Dual face in chronic acquired pigmentary disorders. <i>Ageing Research Reviews</i> , 2020, 57, 100981.	10.9	55
12	Adipose tissue-derived extracellular fraction characterization: biological and clinical considerations in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2018, 9, 207.	5.5	52
13	Expression of Hepatitis C Virus cDNA in Human Hepatoma Cell Line Mediated by a Hybrid Baculovirus- $\alpha$ -HCV Vector. <i>Virology</i> , 1999, 255, 302-311.	2.4	45
14	2,4,6 $\beta$ -Octatrienoic acid is a novel promoter of melanogenesis and antioxidant defence in normal human melanocytes via PPAR $\gamma$ 3 activation. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 618-630.	3.3	45
15	Maximizing non-enzymatic methods for harvesting adipose-derived stem from lipoaspirate: technical considerations and clinical implications for regenerative surgery. <i>Scientific Reports</i> , 2017, 7, 10015.	3.3	41
16	Energetic mitochondrial failing in vitiligo and possible rescue by cardiolipin. <i>Scientific Reports</i> , 2017, 7, 13663.	3.3	38
17	Small molecular antioxidants effectively protect from PUVA-induced oxidative stress responses underlying fibroblast senescence and photoaging. <i>Free Radical Biology and Medicine</i> , 2008, 45, 636-644.	2.9	37
18	Involvement of non-melanocytic skin cells in vitiligo. <i>Experimental Dermatology</i> , 2019, 28, 667-673.	2.9	35

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19	MC1R stimulation by $\alpha$ -MSH induces catalase and promotes its re-distribution to the cell periphery and dendrites. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 263-275.	3.3	33
20	The Activity of Differentiation Factors Induces Apoptosis in Polyomavirus Large T-Expressing Myoblasts. <i>Molecular Biology of the Cell</i> , 1998, 9, 1449-1463.	2.1	29
21	Profiling Cancer-Associated Fibroblasts in Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7255.	4.1	28
22	Modulation of PPAR $\gamma$ Provides New Insights in a Stress Induced Premature Senescence Model. <i>PLoS ONE</i> , 2014, 9, e104045.	2.5	27
23	Frequent $\beta$ -catenin overexpression without exon 3 mutation in cutaneous lymphomas. <i>Modern Pathology</i> , 2004, 17, 1275-1281.	5.5	26
24	Inhibition of Melanogenesis by the Pyridinyl Imidazole Class of Compounds: Possible Involvement of the Wnt/ $\beta$ -Catenin Signaling Pathway. <i>PLoS ONE</i> , 2012, 7, e33021.	2.5	25
25	Alterations of the pigmentation system in the aging process. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 800-813.	3.3	25
26	Ultraviolet A induced modulation of gap junctional intercellular communication by P38 MAPK activation in human keratinocytes. <i>Experimental Dermatology</i> , 2008, 17, 115-124.	2.9	24
27	miR-211 and MITF modulation by Bcl-2 protein in melanoma cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 2304-2312.	2.7	23
28	Linking $\alpha$ -MSH with PPAR $\gamma$ in B16-F10 melanoma. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 113-127.	3.3	21
29	The $\alpha$ -melanocyte stimulating hormone/peroxisome proliferator activated receptor- $\gamma$ pathway down-regulates proliferation in melanoma cell lines. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 142.	8.6	20
30	<i>In vitro</i> research on vitiligo: strategies, principles, methodological options and common pitfalls. <i>Experimental Dermatology</i> , 2012, 21, 490-496.	2.9	19
31	Extracellular fraction of adipose tissue as an innovative regenerative approach for vitiligo treatment. <i>Experimental Dermatology</i> , 2019, 28, 695-703.	2.9	16
32	A Framework of Major Tumor-Promoting Signal Transduction Pathways Implicated in Melanoma-Fibroblast Dialogue. <i>Cancers</i> , 2020, 12, 3400.	3.7	14
33	Therapeutic potential of adipose tissue-derived derivatives in modern dermatology. <i>Experimental Dermatology</i> , 2022, 31, 1837-1852.	2.9	14
34	The activation of PPAR $\gamma$ by 2,4,6-Octatrienoic acid protects human keratinocytes from UVR-induced damages. <i>Scientific Reports</i> , 2017, 7, 9241.	3.3	13
35	Adipose tissue stromal vascular fraction and adipose tissue stromal vascular fraction plus platelet-rich plasma grafting: New regenerative perspectives in genital lichen sclerosis. <i>Dermatologic Therapy</i> , 2020, 33, e14277.	1.7	13
36	Pyridinyl imidazole compounds interfere with melanosomes sorting through the inhibition of Cyclin G-associated Kinase, a regulator of cathepsins maturation. <i>Cellular Signalling</i> , 2014, 26, 716-723.	3.6	12

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37	Association of p53 Arg72Pro polymorphism and $\beta$ -catenin accumulation in mycosis fungoides. British Journal of Dermatology, 2006, 155, 1223-1229.	1.5	11
38	Fat and epidermal cell suspension grafting: a new advanced one-step skin regeneration surgical technique. Journal of Experimental and Clinical Cancer Research, 2014, 33, 23.	8.6	11
39	PNA as a potential modulator of COL7A1 gene expression in dominant dystrophic epidermolysis bullosa: a physico-chemical study. Molecular BioSystems, 2013, 9, 3166.	2.9	9
40	Research update of adipose tissue-based therapies in regenerative dermatology. Stem Cell Reviews and Reports, 2022, 18, 1956-1973.	3.8	8
41	Simultaneous Targeting Tumor Cells and Cancer-Associated Fibroblasts with a Paclitaxel-Hyaluronan Bioconjugate: In Vitro Evaluation in Non-Melanoma Skin Cancer. Biomedicines, 2021, 9, 597.	3.2	6
42	SLN melanoma micrometastasis predictivity of nodal status: a long term retrospective study. Journal of Experimental and Clinical Cancer Research, 2013, 32, 47.	8.6	4
43	Evaluation of Hedgehog Pathway Inhibition on Nevoid Basal Cell Carcinoma Syndrome Fibroblasts and Basal Cell Carcinoma-Associated Fibroblasts: Are Vismodegib and Sonidegib Useful to Target Cancer-Prone Fibroblasts?. Cancers, 2021, 13, 5858.	3.7	3