Simona Martinotti

List of Publications by Year
in descending order

52	1,579	279487	315357
papers	citations	23 h-index	38 g-index

54	54	54	2459
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scratch Wound Healing Assay. Methods in Molecular Biology, 2019, 2109, 225-229.	0.4	160
2	Propolis: a new frontier for wound healing?. Burns and Trauma, 2015, 3, 9.	2.3	129
3	Emerging roles for HMGB1 protein in immunity, inflammation, and cancer. ImmunoTargets and Therapy, 2015, 4, 101.	2.7	94
4	Wound healing properties of jojoba liquid wax: An in vitro study. Journal of Ethnopharmacology, 2011, 134, 443-449.	2.0	90
5	Honey, Wound Repair and Regenerative Medicine. Journal of Functional Biomaterials, 2018, 9, 34.	1.8	81
6	Epithelial mesenchymal transition traits in honeyâ€driven keratinocyte wound healing: Comparison among different honeys. Wound Repair and Regeneration, 2012, 20, 778-785.	1.5	68
7	Bee-derived antibacterial peptide, defensin-1, promotes wound re-epithelialisation in vitro and in vivo. Scientific Reports, 2017, 7, 7340.	1.6	68
8	Honey exposure stimulates wound repair of human dermal fibroblasts. Burns and Trauma, 2013, 1, 32.	0.7	51
9	Glutamate triggers intracellular Ca²⁺ oscillations and nitric oxide release by inducing NAADPâ€and InsP₃â€dependent Ca²⁺ release in mouse brain endothelial cells. Journal of Cellular Physiology, 2019, 234, 3538-3554.	2.0	45
10	Honey-Mediated Wound Healing: H2O2 Entry through AQP3 Determines Extracellular Ca2+ Influx. International Journal of Molecular Sciences, 2019, 20, 764.	1.8	44
11	Novel polyurethaneâ€based thermosensitive hydrogels as drug release and tissue engineering platforms: design and in vitro characterization. Polymer International, 2016, 65, 756-769.	1.6	43
12	HMGB1 Osteoâ€Modulatory Action on Osteosarcoma SaOSâ€2 Cell Line: An Integrated Study From Biochemical and â€Omics Approaches. Journal of Cellular Biochemistry, 2016, 117, 2559-2569.	1.2	42
13	Epigallocatechinâ€3â€gallate induces mesothelioma cell death via H₂O₂â^'dependent Tâ€type Ca²⁺ channel opening. Journal of Cellular and Molecular Medicine, 2012, 16, 2667-2678.	1.6	40
14	(+)-Usnic acid enamines with remarkable cicatrizing properties. Bioorganic and Medicinal Chemistry, 2013, 21, 1834-1843.	1.4	38
15	Platelet lysate modulates MMP-2 and MMP-9 expression, matrix deposition and cell-to-matrix adhesion in keratinocytes and fibroblasts. Experimental Dermatology, 2011, 20, 308-313.	1.4	36
16	Flavonoid Oligoglycosides from Ophioglossum vulgatum L. Having Wound Healing Properties. Planta Medica, 2012, 78, 1639-1644.	0.7	33
17	In vitro screening of synergistic ascorbateâ€“drug combinations for the treatment of malignant mesothelioma. Toxicology in Vitro, 2011, 25, 1568-1574.	1.1	32
18	(â^')â€Epigallocatechinâ€3â€gallate induces GRP78 accumulation in the ER and shifts mesothelioma constitutive UPR into proapoptotic ER stress. Journal of Cellular Physiology, 2018, 233, 7082-7090.	2.0	32

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19	Epigallocatechin-3-gallate elicits Ca2+ spike in MCF-7 breast cancer cells: Essential role of Cav3.2 channels. Cell Calcium, 2014, 56, 285-295.	1.1	30
20	The secretome signature of malignant mesothelioma cell lines. Journal of Proteomics, 2016, 145, 3-10.	1.2	30
21	Role of Nutraceuticals in Cancer Therapy. Journal of Food Research, 2014, 3, 18.	0.1	29
22	Propolis Induces AQP3 Expression: A Possible Way of Action in Wound Healing. Molecules, 2019, 24, 1544.	1.7	27
23	Preclinical Demonstration of Synergistic Active Nutrients/Drug (AND) Combination as a Potential Treatment for Malignant Pleural Mesothelioma. PLoS ONE, 2013, 8, e58051.	1.1	25
24	Honey: An Effective Regenerative Medicine Product in Wound Management. Current Medicinal Chemistry, 2019, 26, 5230-5240.	1.2	25
25	Microwave processing of honey negatively affects honey antibacterial activity by inactivation of bee-derived glucose oxidase and defensin-1. Food Chemistry, 2018, 240, 1131-1136.	4.2	23
26	Combination of ascorbate/epigallocatechin-3-gallate/gemcitabine synergistically induces cell cycle deregulation and apoptosis in mesothelioma cells. Toxicology and Applied Pharmacology, 2014, 274, 35-41.	1.3	21
27	Keratinocyte wound healing activity of galactoglycerolipids from the fern Ophioglossum vulgatum L.. Journal of Natural Medicines, 2014, 68, 31-37.	1.1	20
28	FAM46C and FNDC3A Are Multiple Myeloma Tumor Suppressors That Act in Concert to Impair Clearing of Protein Aggregates and Autophagy. Cancer Research, 2020, 80, 4693-4706.	0.4	20
29	Intermolecular interactions between B. mori silk fibroin and poly(l-lactic acid) in electrospun composite nanofibrous scaffolds. Materials Science and Engineering C, 2017, 70, 777-787.	3.8	17
30	High Mobility Group Box Protein-1 in Wound Repair. Cells, 2012, 1, 699-710.	1.8	16
31	Honeydew honey: biological effects on skin cells. Molecular and Cellular Biochemistry, 2017, 435, 185-192.	1.4	14
32	The major Boswellia serrata active 3-acetyl-11-keto-Î²-boswellic acid strengthens interleukin-1Î± upregulation of matrix metalloproteinase-9 via JNK MAP kinase activation. Phytomedicine, 2017, 36, 176-182.	2.3	14
33	Multidisciplinary analysis of Italian Alpine wildflower honey reveals criticalities, diversity and value. Scientific Reports, 2021, 11, 19316.	1.6	13
34	Aquaporin-6 May Increase the Resistance to Oxidative Stress of Malignant Pleural Mesothelioma Cells. Cells, 2022, 11, 1892.	1.8	13
35	Silk fibres grafted with 2-hydroxyethyl methacrylate (HEMA) and 4-hydroxybutyl acrylate (HBA) for biomedical applications. International Journal of Biological Macromolecules, 2018, 107, 537-548.	3.6	12
36	Platelet-Rich Plasma Induces Mixed Osteogenic/Osteoclastogenic Phenotype in Osteosarcoma SaOS-2 Cells: Role of TGF-Beta. Current Pharmaceutical Biotechnology, 2014, 15, 120-126.	0.9	12

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37	â€œGreenâ€•Biomaterials: The Promising Role of Honey. Journal of Functional Biomaterials, 2021, 12, 72.	1.8	12
38	Powering tyrosol antioxidant capacity and osteogenic activity by biocatalytic polymerization. RSC Advances, 2016, 6, 2993-3002.	1.7	10
39	Characterization of the Volatile and Nonvolatile Fractions of Heartwood Aqueous Extract from Pterocarpus marsupium and Evaluation of Its Cytotoxicity against Cancer Cell Lines. Planta Medica, 2016, 82, 1295-1301.	0.7	9
40	Manuka Honey Induces Apoptosis of Epithelial Cancer Cells through Aquaporin-3 and Calcium Signaling. Life, 2020, 10, 256.	1.1	9
41	Tailored functionalization of poly(L-lactic acid) substrates at the nanoscale to enhance cell response. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 526-546.	1.9	8
42	Endothelial Response Boosted by Platelet Lysate: The Involvement of Calcium Toolkit. International Journal of Molecular Sciences, 2020, 21, 808.	1.8	8
43	Mediterranean Diet Polyphenols: Anthocyanins and Their Implications for Health. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1692-1700.	1.1	8
44	Cancer Therapy Challenge: It Is Time to Look in the â€œSt. Patrickâ€™s Wellâ€•of the Nature. International Journal of Molecular Sciences, 2021, 22, 10380.	1.8	7
45	Endothelial and Vascular Health: A Tale of Honey, H2O2 and Calcium. Cells, 2021, 10, 1071.	1.8	6
46	Targeting Calcium Signalling in Malignant Mesothelioma. Cancers, 2019, 11, 1839.	1.7	5
47	Vis-NIR luminescent lanthanide-doped core-shell nanoparticles for imaging and photodynamic therapy. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 403, 112840.	2.0	4
48	2-DE Gel Analysis: The Spot Detection. Methods in Molecular Biology, 2016, 1384, 155-164.	0.4	3
49	Epidermal Stem Cells in Regenerative Medicine. Advances in Experimental Medicine and Biology, 2020, 1298, 17-21.	0.8	1
50	Propolis: A Multifaceted Approach for Wound Healing. Reference Series in Phytochemistry, 2021, , 1-9.	0.2	1
51	Natural compounds and anticancer effects: The whole is greater than the sum of its parts. , 2020, , 47-58.		1
52	Targeted quantitation of HMGB1 protein by label-free Mass Spectrometry technique. , 2015, , .		0