Marco Cordani

List of Publications by Year
in descending order

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37 papers	2,167 citations	361296 20 h-index	345118 36 g-index
38 all docs	38 docs citations	38 times ranked	3070 citing authors

#	Article	IF	Citations
1	The History of Nanoscience and Nanotechnology: From Chemicalâ€“Physical Applications to Nanomedicine. Molecules, 2020, 25, 112.	1.7	800
2	Targeting autophagy using metallic nanoparticles: a promising strategy for cancer treatment. Cellular and Molecular Life Sciences, 2019, 76, 1215-1242.	2.4	139
3	Mutant p53 proteins counteract autophagic mechanism sensitizing cancer cells to mTOR inhibition. Molecular Oncology, 2016, 10, 1008-1029.	2.1	115
4	Mutant p53 stimulates chemoresistance of pancreatic adenocarcinoma cells to gemcitabine. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 89-100.	1.9	107
5	Mutant p53-Associated Molecular Mechanisms of ROS Regulation in Cancer Cells. Biomolecules, 2020, 10, 361.	1.8	79
6	Onconase induces autophagy sensitizing pancreatic cancer cells to gemcitabine and activates Akt/mTOR pathway in a ROS-dependent manner. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 549-560.	1.9	77
7	Molecular interplay between mutant p53 proteins and autophagy in cancer cells. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1867, 19-28.	3.3	67
8	Antioxidant Mechanisms and ROS-Related MicroRNAs in Cancer Stem Cells. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-13.	1.9	63
9	Mutant p53 proteins alter cancer cell secretome and tumour microenvironment: Involvement in cancer invasion and metastasis. Cancer Letters, 2016, 376, 303-309.	3.2	57
10	The antioxidant uncoupling protein 2 stimulates hnRNPA2/B1, GLUT1 and PKM2 expression and sensitizes pancreas cancer cells to glycolysis inhibition. Free Radical Biology and Medicine, 2016, 101, 305-316.	1.3	56
11	UCP2 inhibition induces ROS/Akt/mTOR axis: Role of GAPDH nuclear translocation in genipin/everolimus anticancer synergism. Free Radical Biology and Medicine, 2017, 113, 176-189.	1.3	52
12	Mechanisms of Peritoneal Fibrosis: Focus on Immune Cellsâ€“Peritoneal Stroma Interactions. Frontiers in Immunology, 2021, 12, 607204.	2.2	47
13	The metabolic landscape of cancer stem cells. IUBMB Life, 2015, 67, 687-693.	1.5	46
14	Sestrins at the Interface of ROS Control and Autophagy Regulation in Health and Disease. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	45
15	Mutant p53 and mTOR/PKM2 regulation in cancer cells. IUBMB Life, 2016, 68, 722-726.	1.5	44
16	Mutant p53 blocks SESN1/AMPK/PGC-1Î±/UCP2 axis increasing mitochondrial O2Ë‰Â· production in cancer cells. British Journal of Cancer, 2018, 119, 994-1008.	2.9	40
17	Sestrins as a Therapeutic Bridge between ROS and Autophagy in Cancer. Cancers, 2019, 11, 1415.	1.7	40
18	Oncogenic pathways activated by pro-inflammatory cytokines promote mutant p53 stability: clue for novel anticancer therapies. Cellular and Molecular Life Sciences, 2021, 78, 1853-1860.	2.4	30

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19	Interplay between ROS and Autophagy in Cancer and Aging: From Molecular Mechanisms to Novel Therapeutic Approaches. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-3.	1.9	27
20	Nanomaterials as Inhibitors of Epithelial Mesenchymal Transition in Cancer Treatment. Cancers, 2020, 12, 25.	1.7	24
21	Autophagy and the Lysosomal System in Cancer. Cells, 2021, 10, 2752.	1.8	24
22	A novel high content analysis tool reveals Rab8-driven actin and FA reorganization through Rho GTPases and calpain/MT1. Journal of Cell Science, 2016, 129, 1734-49.	1.2	22
23	Non-ionic surfactant vesicles as novel delivery systems for sulfasalazine: Evaluation of the physicochemical and cytotoxic properties. Journal of Molecular Structure, 2021, 1230, 129874.	1.8	19
24	Mutant p53 induces SIRT3/MnSOD axis to moderate ROS production in melanoma cells. Archives of Biochemistry and Biophysics, 2020, 679, 108219.	1.4	18
25	Onconase dimerization through 3D domain swapping: structural investigations and increase in the apoptotic effect in cancer cells*. Biochemical Journal, 2017, 474, 3767-3781.	1.7	17
26	Nanomaterials for Autophagy-Related miRNA-34a Delivery in Cancer Treatment. Frontiers in Pharmacology, 2020, 11, 1141.	1.6	16
27	Spectroscopic, density functional theory, cytotoxicity and antioxidant activities of sulfasalazine and naproxen drugs combination. Arabian Journal of Chemistry, 2021, 14, 103190.	2.3	16
28	Modified Gold Nanoparticles to Overcome the Chemoresistance to Gemcitabine in Mutant p53 Cancer Cells. Pharmaceutics, 2021, 13, 2067.	2.0	16
29	ST8 micellar/niosomal vesicular nanoformulation for delivery of naproxen in cancer cells: Physicochemical characterization and cytotoxicity evaluation. Journal of Molecular Structure, 2020, 1211, 127867.	1.8	14
30	Smart Modification on Magnetic Nanoparticles Dramatically Enhances Their Therapeutic Properties. Cancers, 2021, 13, 4095.	1.7	13
31	Albumin-based nanostructures for uveal melanoma treatment. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 35, 102391.	1.7	10
32	Boron Dipyrromethene (BODIPY) as Electronâ€Withdrawing Group in Asymmetric Copperâ€Catalyzed [3+2] Cycloadditions for the Synthesis of Pyrrolidineâ€Based Biological Sensors. Advanced Synthesis and Catalysis, 2020, 362, 1345-1355.	2.1	8
33	Water Soluble Iron-Based Coordination Trimers as Synergistic Adjuvants for Pancreatic Cancer. Antioxidants, 2021, 10, 66.	2.2	7
34	The antioxidant mitochondrial protein UCP2 promotes cancer development connecting the Warburg effect and autophagy. Translational Medicine Reports, 2017, 1, .	0.8	5
35	Editorial: Novel Cancer Treatments Based on Autophagy Modulation. Frontiers in Pharmacology, 2021, 12, 650559.	1.6	3
36	Sirtuins and Hypoxia in EMT Control. Pharmaceuticals, 2022, 15, 737.	1.7	2

#	Article	IF	Citations
37	Editorial: New Approaches to Tackle EMT and Fibrosis: From Epigenetics to Nanotechnology. Frontiers in Pharmacology, 2021, 12, 742777.	1.6	0