

# Rosaria Benedetti

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,679  
citations

361413

20  
h-index

289244

40  
g-index

43  
all docs

43  
docs citations

43  
times ranked

3562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Genome Bisulfite Sequencing of Two Distinct Interconvertible DNA Methylomes of Mouse Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2013, 13, 360-369.	11.1	424
2	Trials with epigenetic drugs: An update. <i>Molecular Oncology</i> , 2012, 6, 657-682.	4.6	208
3	Pan-Histone Demethylase Inhibitors Simultaneously Targeting Jumonji C and Lysine-Specific Demethylases Display High Anticancer Activities. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 42-55.	6.4	105
4	c-Myc Modulation and Acetylation Is a Key HDAC Inhibitor Target in Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 2542-2555.	7.0	105
5	Targeting Histone Deacetylases in Diseases: Where Are We?. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 99-126.	5.4	101
6	Biological interactions of biocompatible and water-dispersed MoS <sub>2</sub> nanosheets with bacteria and human cells. <i>Scientific Reports</i> , 2018, 8, 16386.	3.3	66
7	Epigenetic profiling of the antitumor natural product psammaplin A and its analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3637-3649.	3.0	52
8	Indole-Derived Psammaplin A Analogues as Epigenetic Modulators with Multiple Inhibitory Activities. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9467-9491.	6.4	48
9	<i>Psidium guajava</i> L. anti-neoplastic effects: induction of apoptosis and cell differentiation. <i>Cell Proliferation</i> , 2012, 45, 22-31.	5.3	45
10	Epigenetic-based therapy: From single- to multi-target approaches. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 69, 121-131.	2.8	40
11	The innovative potential of selenium-containing agents for fighting cancer and viral infections. <i>Drug Discovery Today</i> , 2021, 26, 256-263.	6.4	39
12	Inhibition of Histone Demethylases LSD1 and UTX Regulates ER $\alpha$ Signaling in Breast Cancer. <i>Cancers</i> , 2019, 11, 2027.	3.7	34
13	Breast Cancer Vaccines: New Insights. <i>Frontiers in Endocrinology</i> , 2017, 8, 270.	3.5	33
14	Modulation of the activity of histone acetyltransferases by long chain alkylidenemalonates (LoCAMs). <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3690-3701.	3.0	29
15	Quinoline-Based p300 Histone Acetyltransferase Inhibitors with Pro-apoptotic Activity in Human Leukemia U937 Cells. <i>ChemMedChem</i> , 2014, 9, 542-548.	3.2	29
16	Molecular analysis of the apoptotic effects of BPA in acute myeloid leukemia cells. <i>Journal of Translational Medicine</i> , 2009, 7, 48.	4.4	27
17	HDAC2 deregulation in tumorigenesis is causally connected to repression of immune modulation and defense escape. <i>Oncotarget</i> , 2015, 6, 886-901.	1.8	27
18	Design of Dual Inhibitors of Histone Deacetylase 6 and Heat Shock Protein 90. <i>ACS Omega</i> , 2020, 5, 11473-11480.	3.5	27

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19	Harnessing the Role of HDAC6 in Idiopathic Pulmonary Fibrosis: Design, Synthesis, Structural Analysis, and Biological Evaluation of Potent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9960-9988.	6.4	26
20	Effects of novel SGLT2 inhibitors on cancer incidence in hyperglycemic patients: a meta-analysis of randomized clinical trials. <i>Pharmacological Research</i> , 2022, 175, 106039.	7.1	26
21	Nonlinear protein - nucleic acid crosslinking induced by femtosecond UV laser pulses in living cells. <i>Laser Physics Letters</i> , 2012, 9, 234-239.	1.4	21
22	New Anacardic Acid-Inspired Benzamides: Histone Lysine Acetyltransferase Activators. <i>ChemMedChem</i> , 2010, 5, 1530-1540.	3.2	18
23	Epigenetic mechanisms underlying prostate cancer radioresistance. <i>Clinical Epigenetics</i> , 2021, 13, 125.	4.1	17
24	tert-Butylcarbamate-Containing Histone Deacetylase Inhibitors: Apoptosis Induction, Cytodifferentiation, and Antiproliferative Activities in Cancer Cells. <i>ChemMedChem</i> , 2013, 8, 800-811.	3.2	16
25	Genetic mutations in epigenetic modifiers as therapeutic targets in acute myeloid leukemia. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1187-1202.	3.4	16
26	Investigation of the effect of different linker chemotypes on the inhibition of histone deacetylases (HDACs). <i>Bioorganic Chemistry</i> , 2021, 106, 104462.	4.1	13
27	Structure-Activity Relationships on Cinnamoyl Derivatives as Inhibitors of p300 Histone Acetyltransferase. <i>ChemMedChem</i> , 2017, 12, 1359-1368.	3.2	11
28	Time-resolved analysis of DNA-protein interactions in living cells by UV laser pulses. <i>Scientific Reports</i> , 2017, 7, 11725.	3.3	11
29	Azetidino-based small molecules as dual hHDAC6/HDAC8 inhibitors: Investigation of their mechanism of action and impact of dual inhibition profile on cell viability. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114409.	5.5	11
30	Regulatory Interplay between miR-181a-5p and Estrogen Receptor Signaling Cascade in Breast Cancer. <i>Cancers</i> , 2021, 13, 543.	3.7	10
31	HDAC6 Inhibition Extinguishes Autophagy in Cancer: Recent Insights. <i>Cancers</i> , 2021, 13, 6280.	3.7	10
32	Preclinical and Clinical Epigenetic-Based Reconsideration of Beckwith-Wiedemann Syndrome. <i>Frontiers in Genetics</i> , 2020, 11, 563718.	2.3	9
33	Design and synthesis of multifunctional microtubule targeting agents endowed with dual pro-apoptotic and anti-autophagic efficacy. <i>European Journal of Medicinal Chemistry</i> , 2022, 235, 114274.	5.5	6
34	Inhibitors of histone deacetylase 6 based on a novel 3-hydroxy-isoxazole zinc binding group. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 2080-2086.	5.2	5
35	Properly Substituted Cyclic Bis-(2-bromobenzylidene) Compounds Behaved as Dual p300/CARM1 Inhibitors and Induced Apoptosis in Cancer Cells. <i>Molecules</i> , 2020, 25, 3122.	3.8	4
36	Design and Synthesis of New Oligopeptidic Parvulin Inhibitors. <i>ChemMedChem</i> , 2022, , .	3.2	3

#	ARTICLE	IF	CITATIONS
37	Analysis of Chromatinâ€™Nuclear Receptor Interactions by Laser-Chromatin Immunoprecipitation. <i>Methods in Molecular Biology</i> , 2014, 1204, 25-34.	0.9	2
38	Heterocycle-containing tranlycypromine derivatives endowed with high anti-LSD1 activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 973-985.	5.2	2
39	I BET on antiâ€™FGFR to fight cancer resistance. <i>EMBO Molecular Medicine</i> , 2019, 11, .	6.9	1
40	HIF3A Inhibition Triggers Browning of White Adipocytes via Metabolic Rewiring. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 740203.	3.7	1
41	Editorial: Chemical Innovative Approaches in Cancer Molecular Medicine and Translational Clinical Research. <i>Frontiers in Chemistry</i> , 2020, 8, 820.	3.6	0