

Sebastian MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,645
citations

279798

23
h-index

361022

35
g-index

42
all docs

42
docs citations

42
times ranked

3835
citing authors

#	ARTICLE	IF	CITATIONS
1	Salinomycin kills cancer stem cells by sequestering iron in lysosomes. <i>Nature Chemistry</i> , 2017, 9, 1025-1033.	13.6	423
2	A Novel Small Molecule That Alters Shelterin Integrity and Triggers a DNA-Damage Response at Telomeres. <i>Journal of the American Chemical Society</i> , 2008, 130, 15758-15759.	13.7	390
3	PML-Regulated Mitochondrial Metabolism Enhances Chemosensitivity in Human Ovarian Cancers. <i>Cell Metabolism</i> , 2019, 29, 156-173.e10.	16.2	174
4	Small-molecule-mediated G-quadruplex isolation from human cells. <i>Nature Chemistry</i> , 2010, 2, 1095-1098.	13.6	166
5	Visualizing biologically active small molecules in cells using click chemistry. <i>Nature Reviews Chemistry</i> , 2018, 2, 202-215.	30.2	133
6	CD44 regulates epigenetic plasticity by mediating iron endocytosis. <i>Nature Chemistry</i> , 2020, 12, 929-938.	13.6	132
7	Pyridostatin analogues promote telomere dysfunction and long-term growth inhibition in human cancer cells. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6537.	2.8	109
8	Histone H3 Variants and Their Chaperones During Development and Disease: Contributing to Epigenetic Control. <i>Annual Review of Cell and Developmental Biology</i> , 2014, 30, 615-646.	9.4	107
9	Chromatin dynamics during the cell cycle at centromeres. <i>Nature Reviews Genetics</i> , 2017, 18, 192-208.	16.3	85
10	Chemistry and biology of ferritin. <i>Metallomics</i> , 2021, 13, .	2.4	83
11	HJURP Involvement in De Novo CenH3CENP-A and CENP-C Recruitment. <i>Cell Reports</i> , 2015, 11, 22-32.	6.4	80
12	G-quadruplex interacting small molecules and drugs: from bench toward bedside. <i>Expert Review of Clinical Pharmacology</i> , 2014, 7, 663-679.	3.1	76
13	Phosphorylation and DNA Binding of HJURP Determine Its Centromeric Recruitment and Function in CenH3CENP-A Loading. <i>Cell Reports</i> , 2014, 8, 190-203.	6.4	70
14	Targeting the <i>c-Kit</i> Promoter G-quadruplexes with 6-Substituted Indenoisoquinolines. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 306-310.	2.8	67
15	DMT1 Inhibitors Kill Cancer Stem Cells by Blocking Lysosomal Iron Translocation. <i>Chemistry - A European Journal</i> , 2020, 26, 7369-7373.	3.3	61
16	Salinomycin Derivatives Kill Breast Cancer Stem Cells by Lysosomal Iron Targeting. <i>Chemistry - A European Journal</i> , 2020, 26, 7416-7424.	3.3	57
17	A network of players in H3 histone variant deposition and maintenance at centromeres. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 241-250.	1.9	46
18	The CENP-T/-W complex is a binding partner of the histone chaperone FACT. <i>Genes and Development</i> , 2016, 30, 1313-1326.	5.9	45

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19	An iron hand over cancer stem cells. <i>Autophagy</i> , 2017, 13, 1465-1466.	9.1	43
20	Image-Based Morphological Profiling Identifies a Lysosomotropic, Iron-Sequestering Autophagy Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5721-5729.	13.8	41
21	Targeting DNA G-Quadruplexes with Helical Small Molecules. <i>ChemBioChem</i> , 2014, 15, 2563-2570.	2.6	31
22	Iron-Sensitive Prodrugs That Trigger Active Ferroptosis in Drug-Tolerant Pancreatic Cancer Cells. <i>Journal of the American Chemical Society</i> , 2022, 144, 11536-11545.	13.7	29
23	Loss of SDHB Promotes Dysregulated Iron Homeostasis, Oxidative Stress, and Sensitivity to Ascorbate. <i>Cancer Research</i> , 2021, 81, 3480-3494.	0.9	26
24	Controlled-folding of a small molecule modulates DNA G-quadruplex recognition. <i>Chemical Communications</i> , 2009, , 80-82.	4.1	25
25	Quinolizinium as a new fluorescent lysosomotropic probe. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 203-207.	2.2	22
26	Chemical biology of salinomycin. <i>Tetrahedron</i> , 2018, 74, 5585-5614.	1.9	22
27	Targeting Cancer Stem Cells with Small Molecules. <i>Israel Journal of Chemistry</i> , 2017, 57, 239-250.	2.3	19
28	Metformin reveals a mitochondrial copper addiction of mesenchymal cancer cells. <i>PLoS ONE</i> , 2018, 13, e0206764.	2.5	19
29	Pharmacologic Reduction of Mitochondrial Iron Triggers a Noncanonical BAX/BAK-Dependent Cell Death. <i>Cancer Discovery</i> , 2022, 12, 774-791.	9.4	18
30	Image-Based Morphological Profiling Identifies a Lysosomotropic, Iron-Sequestering Autophagy Inhibitor. <i>Angewandte Chemie</i> , 2020, 132, 5770-5778.	2.0	11
31	DNA Damage-inducing Compounds: Unraveling their Pleiotropic Effects Using High Throughput Sequencing. <i>Current Medicinal Chemistry</i> , 2017, 24, 1558-1585.	2.4	10
32	Whole-genome mapping of small-molecule targets for cancer medicine. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 42-50.	6.1	8
33	Small Molecule Regulators of Ferroptosis. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1301, 81-121.	1.6	3
34	Expeditive Synthesis of Potent C20-epi-Amino Derivatives of Salinomycin against Cancer Stem-Like Cells. <i>ACS Organic & Inorganic Au</i> , 0, , .	4.0	2
35	Reprogramming the chemical reactivity of iron in cancer stem cells. <i>Comptes Rendus Chimie</i> , 2018, 21, 704-708.	0.5	1
36	Developmental Roles of Histone H3 Variants and Their Chaperones. , 2016, , 385-419.		1

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37	Rapid Access to Ironomycin Derivatives by Click Chemistry. ACS Organic & Inorganic Au, 0, , .	4.0	1