

Sebastian Oeck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2248707/publications.pdf>

Version: 2024-02-01

26
papers

1,163
citations

471371

17
h-index

552653

26
g-index

27
all docs

27
docs citations

27
times ranked

2039
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncometabolites suppress DNA repair by disrupting local chromatin signalling. <i>Nature</i> , 2020, 582, 586-591.	13.7	183
2	Krebs-cycle-deficient hereditary cancer syndromes are defined by defects in homologous-recombination DNA repair. <i>Nature Genetics</i> , 2018, 50, 1086-1092.	9.4	152
3	Cediranib suppresses homology-directed DNA repair through down-regulation of BRCA1/2 and RAD51. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	111
4	New Insights into Protein Kinase B/Akt Signaling: Role of Localized Akt Activation and Compartment-Specific Target Proteins for the Cellular Radiation Response. <i>Cancers</i> , 2018, 10, 78.	1.7	90
5	Covalent Allosteric Kinase Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10313-10316.	7.2	87
6	Mitochondrial DNA stress signalling protects the nuclear genome. <i>Nature Metabolism</i> , 2019, 1, 1209-1218.	5.1	87
7	Hypoxia Promotes Resistance to EGFR Inhibition in NSCLC Cells via the Histone Demethylases, LSD1 and PLU-1. <i>Molecular Cancer Research</i> , 2018, 16, 1458-1469.	1.5	60
8	Hypoxia Induces Resistance to EGFR Inhibitors in Lung Cancer Cells via Upregulation of FGFR1 and the MAPK Pathway. <i>Cancer Research</i> , 2020, 80, 4655-4667.	0.4	52
9	The Focinator - a new open-source tool for high-throughput foci evaluation of DNA damage. <i>Radiation Oncology</i> , 2015, 10, 163.	1.2	45
10	Optimizing biodegradable nanoparticle size for tissue-specific delivery. <i>Journal of Controlled Release</i> , 2019, 314, 92-101.	4.8	43
11	The Focinator v2-0 " Graphical Interface, Four Channels, Colocalization Analysis and Cell Phase Identification. <i>Radiation Research</i> , 2017, 188, 114-120.	0.7	35
12	Proton Irradiation Increases the Necessity for Homologous Recombination Repair Along with the Indispensability of Non-Homologous End Joining. <i>Cells</i> , 2020, 9, 889.	1.8	35
13	Activating Akt1 mutations alter DNA double strand break repair and radiosensitivity. <i>Scientific Reports</i> , 2017, 7, 42700.	1.6	32
14	Relating Linear Energy Transfer to the Formation and Resolution of DNA Repair Foci After Irradiation with Equal Doses of X-ray Photons, Plateau, or Bragg-Peak Protons. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3779.	1.8	29
15	Statins affect cancer cell plasticity with distinct consequences for tumor progression and metastasis. <i>Cell Reports</i> , 2021, 37, 110056.	2.9	24
16	HER2 mediates clinical resistance to the KRASG12C inhibitor sotorasib, which is overcome by co-targeting SHP2. <i>European Journal of Cancer</i> , 2021, 159, 16-23.	1.3	23
17	PTEN Regulates Nonhomologous End Joining By Epigenetic Induction of NHEJ1/XLF. <i>Molecular Cancer Research</i> , 2018, 16, 1241-1254.	1.5	20
18	Restraining Akt1 Phosphorylation Attenuates the Repair of Radiation-Induced DNA Double-Strand Breaks and Reduces the Survival of Irradiated Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2233.	1.8	12

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19	Epigenetic Mechanisms of ATM Activation after Helicobacter pylori Infection. American Journal of Pathology, 2018, 188, 329-335.	1.9	10
20	Differential immunomodulatory effect of PARP inhibition in BRCA1 deficient and competent tumor cells. Biochemical Pharmacology, 2021, 184, 114359.	2.0	8
21	Topical Capsaicin in Poly(lactic-co-glycolic)acid (PLGA) Nanoparticles Decreases Acute Itch and Heat Pain. International Journal of Molecular Sciences, 2022, 23, 5275.	1.8	8
22	NTRK1/TrkA Signaling in Neuroblastoma Cells Induces Nuclear Reorganization and Intra-Nuclear Aggregation of Lamin A/C. Cancers, 2021, 13, 5293.	1.7	7
23	High-throughput Evaluation of Protein Migration and Localization after Laser Micro-Irradiation. Scientific Reports, 2019, 9, 3148.	1.6	6
24	NTRK1/TrkA Activation Overrides the G2/M-Checkpoint upon Irradiation. Cancers, 2021, 13, 6023.	1.7	2
25	Streamlining Quantitative Analysis of Long RNA Sequencing Reads. International Journal of Molecular Sciences, 2020, 21, 7259.	1.8	1
26	Syntaxin 18 regulates the DNA damage response and epithelial-to-mesenchymal transition to promote radiation resistance of lung cancer. Cell Death and Disease, 2022, 13, .	2.7	1