Guillaume Bossis

List of Publications by Year
in descending order

29 papers	1,983 citations	430874 18 h-index	477307 29 g-index
36 all docs	36 docs citations	36 times ranked	3014 citing authors

#	Article	IF	Citations
1	Discovery and Mechanism of Action of Small Molecule Inhibitors of Ceramidases**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
2	The NADPH oxidase NOX2 is a marker of adverse prognosis involved in chemoresistance of acute myeloid leukemias. Haematologica, 2022, 107, 2562-2575.	3.5	13
3	Trim39 regulates neuronal apoptosis by acting as a SUMO-targeted E3 ubiquitin-ligase for the transcription factor NFATc3. Cell Death and Differentiation, 2022, 29, 2107-2122.	11.2	4
4	SUMO and Transcriptional Regulation: The Lessons of Large-Scale Proteomic, Modifomic and Genomic Studies. Molecules, 2021, 26, 828.	3.8	46
5	SUMOylation of SAMHD1 at Lysine 595 is required for HIV-1 restriction in non-cycling cells. Nature Communications, 2021, 12, 4582.	12.8	17
6	Staphylococcus aureus Decreases SUMOylation Host Response to Promote Intramacrophage Survival. International Journal of Molecular Sciences, 2021, 22, 8108.	4.1	7
7	1,2,4-Triazole-3-thione compounds with a 4-ethyl alkyl/aryl sulfide substituent are broad-spectrum metallo-Î²-lactamase inhibitors with re-sensitization activity. European Journal of Medicinal Chemistry, 2021, 226, 113873.	5.5	16
8	Regulation of Viral Restriction by Post-Translational Modifications. Viruses, 2021, 13, 2197.	3.3	8
9	DNA Repair Expression Profiling to Identify High-Risk Cytogenetically Normal Acute Myeloid Leukemia and Define New Therapeutic Targets. Cancers, 2020, 12, 2874.	3.7	3
10	Ubiquitin, SUMO, and Nedd8 as Therapeutic Targets in Cancer. Advances in Experimental Medicine and Biology, 2020, 1233, 29-54.	1.6	11
11	Ubiquitin and SUMO conjugation as biomarkers of acute myeloid leukemias response to chemotherapies. Life Science Alliance, 2020, 3, e201900577.	2.8	13
12	Targeting Myeloperoxidase Disrupts Mitochondrial Redox Balance and Overcomes Cytarabine Resistance in Human Acute Myeloid Leukemia. Cancer Research, 2019, 79, 5191-5203.	0.9	45
13	The SUMO Pathway in Hematomalignancies and Their Response to Therapies. International Journal of Molecular Sciences, 2019, 20, 3895.	4.1	29
14	Particulate matter-induced senescence of skin keratinocytes involves oxidative stress-dependent epigenetic modifications. Experimental and Molecular Medicine, 2019, 51, 1-14.	7.7	71
15	Targeting the SUMO Pathway Primes All-trans Retinoic Acidâ€“Induced Differentiation of Nonpromyelocytic Acute Myeloid Leukemias. Cancer Research, 2018, 78, 2601-2613.	0.9	45
16	SUMO Safeguards Somatic and Pluripotent Cell Identities by Enforcing Distinct Chromatin States. Cell Stem Cell, 2018, 23, 742-757.e8.	11.1	105
17	Deciphering the Role of Oncogenic MITFE318K in Senescence Delay and Melanoma Progression. Journal of the National Cancer Institute, 2017, 109, .	6.3	27
18	Production and Purification of Recombinant SUMOylated Proteins Using Engineered Bacteria. Methods in Molecular Biology, 2016, 1475, 55-65.	0.9	5

#	Article	IF	Citations
19	Detection of Proteinâ€“Protein Interactions and Posttranslational Modifications Using the Proximity Ligation Assay: Application to the Study of the SUMO Pathway. Methods in Molecular Biology, 2016, 1449, 279-290.	0.9	27
20	The ROS/SUMO Axis Contributes to the Response of Acute Myeloid Leukemia Cells to Chemotherapeutic Drugs. Cell Reports, 2014, 7, 1815-1823.	6.4	86
21	Sumoylation inhibits Î±-synuclein aggregation and toxicity. Journal of Cell Biology, 2011, 194, 49-60.	5.2	210
22	SUMOylation Regulates the Transcriptional Activity of JunB in T Lymphocytes. Journal of Immunology, 2008, 180, 5983-5990.	0.8	52
23	SUMO under stress. Biochemical Society Transactions, 2008, 36, 874-878.	3.4	154
24	E4F1 Is an Atypical Ubiquitin Ligase that Modulates p53 Effector Functions Independently of Degradation. Cell, 2006, 127, 775-788.	28.9	214
25	Regulation of SUMOylation by Reversible Oxidation of SUMO Conjugating Enzymes. Molecular Cell, 2006, 21, 349-357.	9.7	323
26	SUMO: regulating the regulator. Cell Division, 2006, 1, 13.	2.4	130
27	Down-Regulation of c-Fos/c-Jun AP-1 Dimer Activity by Sumoylation. Molecular and Cellular Biology, 2005, 25, 6964-6979.	2.3	172
28	A Fluorescence Resonance Energy Transferâ€Based Assay to Study SUMO Modification in Solution. Methods in Enzymology, 2005, 398, 20-32.	1.0	40
29	SUMOylation regulates nucleo-cytoplasmic shuttling of Elk-1. Journal of Cell Biology, 2004, 165, 767-773.	5.2	89