

Ignacio Torrecilla

List of Publications by Year in descending order

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11
papers

670
citations

932766

10
h-index

1281420

11
g-index

12
all docs

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docs citations

12
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalloprotease SPRTN/DVC1 Orchestrates Replication-Coupled DNA-Protein Crosslink Repair. <i>Molecular Cell</i> , 2016, 64, 704-719.	4.5	193
2	Use of Recombinant Aequorin to Study Calcium Homeostasis and Monitor Calcium Transients in Response to Heat and Cold Shock in Cyanobacteria. <i>Plant Physiology</i> , 2000, 123, 161-176.	2.3	104
3	Phosphorylation and regulation of a G protein-coupled receptor by protein kinase CK2. <i>Journal of Cell Biology</i> , 2007, 177, 127-137.	2.3	96
4	TEX264 coordinates p97- and SPRTN-mediated resolution of topoisomerase 1-DNA adducts. <i>Nature Communications</i> , 2020, 11, 1274.	5.8	64
5	The role of ubiquitin-dependent segregase p97 (VCP or Cdc48) in chromatin dynamics after DNA double strand breaks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160282.	1.8	52
6	Co-Ordinated Covalent Modification of G-Protein Coupled Receptors. <i>Current Pharmaceutical Design</i> , 2006, 12, 1797-1808.	0.9	39
7	The p97-Ataxin 3 complex regulates homeostasis of the DNA damage response E3 ubiquitin ligase RNF8. <i>EMBO Journal</i> , 2019, 38, e102361.	3.5	38
8	SPRTN protease and checkpoint kinase 1 cross-activation loop safeguards DNA replication. <i>Nature Communications</i> , 2019, 10, 3142.	5.8	36
9	p97/VCP inhibition causes excessive MRE11-dependent DNA end resection promoting cell killing after ionizing radiation. <i>Cell Reports</i> , 2021, 35, 109153.	2.9	24
10	N-Methyl-d-aspartate Receptors Mediate the Phosphorylation and Desensitization of Muscarinic Receptors in Cerebellar Granule Neurons. <i>Journal of Biological Chemistry</i> , 2009, 284, 17147-17156.	1.6	15
11	SPRTN protease-cleaved MRE11 decreases DNA repair and radiosensitises cancer cells. <i>Cell Death and Disease</i> , 2021, 12, 165.	2.7	8