Dan Du

List of Publications by Year
in descending order

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22 papers	1,308 citations	623734 14 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	2560 citing authors

#	Article	IF	Citations
1	Combinatorial CRISPRâ€“Cas9 screens for de novo mapping of genetic interactions. Nature Methods, 2017, 14, 573-576.	19.0	287
2	Soluble TREM2 ameliorates pathological phenotypes by modulating microglial functions in an Alzheimerâ€™s disease model. Nature Communications, 2019, 10, 1365.	12.8	217
3	The Tight Junction Protein, Occludin, Regulates the Directional Migration of Epithelial Cells. Developmental Cell, 2010, 18, 52-63.	7.0	148
4	Genetic interaction mapping in mammalian cells using CRISPR interference. Nature Methods, 2017, 14, 577-580.	19.0	142
5	Tyrosine phosphorylated Par3 regulates epithelial tight junction assembly promoted by EGFR signaling. EMBO Journal, 2006, 25, 5058-5070.	7.8	72
6	Innate Antiviral Host Defense Attenuates TGF-Î² Function through IRF3-Mediated Suppression of Smad Signaling. Molecular Cell, 2014, 56, 723-737.	9.7	64
7	Smad3â€mediated recruitment of the methyltransferase SETDB1/ESET controls Snail1 expression and epithelialâ€“mesenchymal transition. EMBO Reports, 2018, 19, 135-155.	4.5	58
8	Aberrant Splicing ofHugl-1Is Associated with Hepatocellular Carcinoma Progression. Clinical Cancer Research, 2009, 15, 3287-3296.	7.0	51
9	Cell polarity protein Par3 complexes with DNA-PK via Ku70 and regulates DNA double-strand break repair. Cell Research, 2007, 17, 100-116.	12.0	46
10	Efficiency comparison of apigenin-7-O-glucoside and trolox in antioxidative stress and anti-inflammatory properties. Journal of Pharmacy and Pharmacology, 2020, 72, 1645-1656.	2.4	42
11	Proteomic Analysis Reveals Novel Molecules Involved in Insulin Signaling Pathway. Journal of Proteome Research, 2006, 5, 846-855.	3.7	29
12	Hepatocyte-specific deletion of Cdc42 results in delayed liver regeneration after partial hepatectomy in mice. Hepatology, 2009, 49, 240-249.	7.3	26
13	CRISPR Technology for Genome Activation and Repression in Mammalian Cells. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090175.	0.3	20
14	Cdc42 is crucial for the maturation of primordial cell junctions in keratinocytes independent of Rac1. Experimental Cell Research, 2009, 315, 1480-1489.	2.6	18
15	SNX14 deficiency-induced defective axonal mitochondrial transport in Purkinje cells underlies cerebellar ataxia and can be reversed by valproate. National Science Review, 2021, 8, nwab024.	9.5	14
16	CRL4 ^{AMBRA1} targets Elongin C for ubiquitination and degradation to modulate CRL5 signaling. EMBO Journal, 2018, 37, .	7.8	13
17	Design, synthesis and biological evaluation of novel pleuromutilin derivatives as potent anti-MRSA agents targeting the 50S ribosome. Bioorganic and Medicinal Chemistry, 2021, 38, 116138.	3.0	10
18	Semisynthetic pleuromutilin antimicrobials with therapeutic potential against methicillin-resistant Staphylococcus aureus by targeting 50S ribosomal subunit. European Journal of Medicinal Chemistry, 2022, 237, 114341.	5.5	9

#	Article	IF	Citations
19	Proteome identification of binding-partners interacting with cell polarity protein Par3 in Jurkat cells. Acta Biochimica Et Biophysica Sinica, 2008, 40, 729-739.	2.0	8
20	An Introduction to CRISPR Technology for Genome Activation and Repression in Mammalian Cells. Cold Spring Harbor Protocols, 2016, 2016, pdb.top086835.	0.3	7
21	Proteome identification of binding-partners interacting with cell polarity protein Par3 in Jurkat cells. Acta Biochimica Et Biophysica Sinica, 2008, 40, 729-739.	2.0	5
22	Rapid detection of the New Delhi metallo-Î²-lactamase (NDM) gene by recombinase polymerase amplification. Infection, Genetics and Evolution, 2021, 87, 104678.	2.3	4