

Radoslaw M Sobota

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

1,037
citations

16
h-index

32
g-index

32
ext. papers

1,419
ext. citations

12.9
avg, IF

3.83
L-index

#	Paper	IF	Citations
27	SHP2 and SOCS3 contribute to Tyr-759-dependent attenuation of interleukin-6 signaling through gp130. <i>Journal of Biological Chemistry</i> , 2003 , 278, 661-71	5.4	180
26	Dampened NLRP3-mediated inflammation in bats and implications for a special viral reservoir host. <i>Nature Microbiology</i> , 2019 , 4, 789-799	26.6	140
25	Human DPP9 represses NLRP1 inflammasome and protects against autoinflammatory diseases via both peptidase activity and FIIND domain binding. <i>Journal of Biological Chemistry</i> , 2018 , 293, 18864-18878	5.4	93
24	Thermal proximity coaggregation for system-wide profiling of protein complex dynamics in cells. <i>Science</i> , 2018 , 359, 1170-1177	33.3	90
23	Identifying purine nucleoside phosphorylase as the target of quinine using cellular thermal shift assay. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	81
22	Modulation of Protein-Interaction States through the Cell Cycle. <i>Cell</i> , 2018 , 173, 1481-1494.e13	56.2	80
21	The role of the inhibitors of interleukin-6 signal transduction SHP2 and SOCS3 for desensitization of interleukin-6 signalling. <i>Biochemical Journal</i> , 2004 , 378, 449-60	3.8	58
20	Dual blockade of the lipid kinase PIP4Ks and mitotic pathways leads to cancer-selective lethality. <i>Nature Communications</i> , 2017 , 8, 2200	17.4	46
19	Mechanisms of SOCS3 phosphorylation upon interleukin-6 stimulation. Contributions of Src- and receptor-tyrosine kinases. <i>Journal of Biological Chemistry</i> , 2005 , 280, 31478-88	5.4	30
18	Cellular thermal shift assay for the identification of drug-target interactions in the Plasmodium falciparum proteome. <i>Nature Protocols</i> , 2020 , 15, 1881-1921	18.8	27
17	Mitochondrial peptide BRAWNIN is essential for vertebrate respiratory complex III assembly. <i>Nature Communications</i> , 2020 , 11, 1312	17.4	26
16	SHPS-1/SIRP1alpha contributes to interleukin-6 signalling. <i>Cellular Signalling</i> , 2008 , 20, 1385-91	4.9	25
15	Monitoring structural modulation of redox-sensitive proteins in cells with MS-CETSA. <i>Redox Biology</i> , 2019 , 24, 101168	11.3	23
14	Prostaglandin E1 inhibits IL-6-induced MCP-1 expression by interfering specifically in IL-6-dependent ERK1/2, but not STAT3, activation. <i>Biochemical Journal</i> , 2008 , 412, 65-72	3.8	23
13	Dual function of interleukin-1beta for the regulation of interleukin-6-induced suppressor of cytokine signaling 3 expression. <i>Journal of Biological Chemistry</i> , 2004 , 279, 45279-89	5.4	22
12	An efficient proteome-wide strategy for discovery and characterization of cellular nucleotide-protein interactions. <i>PLoS ONE</i> , 2018 , 13, e0208273	3.7	22
11	Dual RNA-seq of Orientia tsutsugamushi informs on host-pathogen interactions for this neglected intracellular human pathogen. <i>Nature Communications</i> , 2020 , 11, 3363	17.4	14

10	In Vitro Expansion of Keratinocytes on Human Dermal Fibroblast-Derived Matrix Retains Their Stem-Like Characteristics. <i>Scientific Reports</i> , 2019 , 9, 18561	4.9	14
9	Protein tyrosine phosphatase SHP2/PTPN11 mistargeting as a consequence of SH2-domain point mutations associated with Noonan Syndrome and leukemia. <i>Journal of Proteomics</i> , 2013 , 84, 132-47	3.9	11
8	CDK2 regulates the NRF1/ axis during meiotic prophase I. <i>Journal of Cell Biology</i> , 2019 , 218, 2896-2918	7.3	6
7	System Biology-Guided Chemical Proteomics to Discover Protein Targets of Monoethylhexyl Phthalate in Regulating Cell Cycle. <i>Environmental Science & Technology</i> , 2021 , 55, 1842-1851	10.3	6
6	A Novel Mechanism of Monoethylhexyl Phthalate in Lipid Accumulation via Inhibiting Fatty Acid Beta-Oxidation on Hepatic Cells. <i>Environmental Science & Technology</i> , 2020 , 54, 15925-15934	10.3	5
5	CD137 ligand interacts with CD32a to trigger reverse CD137 ligand signaling. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 1188-1189	15.4	3
4	The Greatwall kinase safeguards the genome integrity by affecting the kinome activity in mitosis. <i>Oncogene</i> , 2020 , 39, 6816-6840	9.2	3
3	Bioinspired short peptide hydrogel for versatile encapsulation and controlled release of growth factor therapeutics. <i>Acta Biomaterialia</i> , 2021 , 136, 111-123	10.8	2
2	Resistance to anti-microtubule drug-induced cell death is determined by regulation of BimEL expression. <i>Oncogene</i> , 2019 , 38, 4352-4365	9.2	1
1	Analysis of the Global Changes in SH2 Binding Properties Using Mass Spectrometry Supported by Quantitative Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) Technique. <i>Methods in Molecular Biology</i> , 2017 , 1555, 419-428	1.4	