

# Radoslaw M Sobota

## List of Publications by Year in Descending Order

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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 | System Biology-Guided Chemical Proteomics to Discover Protein Targets of Monoethylhexyl Phthalate in Regulating Cell Cycle. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 1842-1851      | 10.3 | 6         |
| 26 | Bioinspired short peptide hydrogel for versatile encapsulation and controlled release of growth factor therapeutics. <i>Acta Biomaterialia</i> , <b>2021</b> , 136, 111-123                                  | 10.8 | 2         |
| 25 | Mitochondrial peptide BRAWNIN is essential for vertebrate respiratory complex III assembly. <i>Nature Communications</i> , <b>2020</b> , 11, 1312  | 17.4 | 26        |
| 24 | Dual RNA-seq of <i>Orientia tsutsugamushi</i> informs on host-pathogen interactions for this neglected intracellular human pathogen. <i>Nature Communications</i> , <b>2020</b> , 11, 3363                   | 17.4 | 14        |
| 23 | CD137 ligand interacts with CD32a to trigger reverse CD137 ligand signaling. <i>Cellular and Molecular Immunology</i> , <b>2020</b> , 17, 1188-1189  | 15.4 | 3         |
| 22 | Cellular thermal shift assay for the identification of drug-target interactions in the <i>Plasmodium falciparum</i> proteome. <i>Nature Protocols</i> , <b>2020</b> , 15, 1881-1921                          | 18.8 | 27        |
| 21 | The Greatwall kinase safeguards the genome integrity by affecting the kinome activity in mitosis. <i>Oncogene</i> , <b>2020</b> , 39, 6816-6840  | 9.2  | 3         |
| 20 | A Novel Mechanism of Monoethylhexyl Phthalate in Lipid Accumulation via Inhibiting Fatty Acid Beta-Oxidation on Hepatic Cells. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15925-15934 | 10.3 | 5         |
| 19 | CDK2 regulates the NRF1/ axis during meiotic prophase I. <i>Journal of Cell Biology</i> , <b>2019</b> , 218, 2896-2918   | 7.3  | 6         |
| 18 | Monitoring structural modulation of redox-sensitive proteins in cells with MS-CETSA. <i>Redox Biology</i> , <b>2019</b> , 24, 101168   | 11.3 | 23        |
| 17 | Dampened NLRP3-mediated inflammation in bats and implications for a special viral reservoir host. <i>Nature Microbiology</i> , <b>2019</b> , 4, 789-799  | 26.6 | 140       |
| 16 | Resistance to anti-microtubule drug-induced cell death is determined by regulation of BimEL expression. <i>Oncogene</i> , <b>2019</b> , 38, 4352-4365  | 9.2  | 1         |
| 15 | In Vitro Expansion of Keratinocytes on Human Dermal Fibroblast-Derived Matrix Retains Their Stem-Like Characteristics. <i>Scientific Reports</i> , <b>2019</b> , 9, 18561                                    | 4.9  | 14        |
| 14 | Identifying purine nucleoside phosphorylase as the target of quinine using cellular thermal shift assay. <i>Science Translational Medicine</i> , <b>2019</b> , 11,   | 17.5 | 81        |
| 13 | Modulation of Protein-Interaction States through the Cell Cycle. <i>Cell</i> , <b>2018</b> , 173, 1481-1494.e13  | 56.2 | 80        |
| 12 | Thermal proximity coaggregation for system-wide profiling of protein complex dynamics in cells. <i>Science</i> , <b>2018</b> , 359, 1170-1177  | 33.3 | 90        |
| 11 | An efficient proteome-wide strategy for discovery and characterization of cellular nucleotide-protein interactions. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208273   | 3.7  | 22        |

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|----|--|------|-----|
| 10 | Human DPP9 represses NLRP1 inflammasome and protects against autoinflammatory diseases via both peptidase activity and FIIND domain binding. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 18864-18878                                   | 5.4  | 93  |
| 9  | 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> , <b>2017</b> , 1555, 419-428 | 1.4  |     |
| 8  | Dual blockade of the lipid kinase PIP4Ks and mitotic pathways leads to cancer-selective lethality. <i>Nature Communications</i> , <b>2017</b> , 8, 2200  | 17.4 | 46  |
| 7  | 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> , <b>2013</b> , 84, 132-47   | 3.9  | 11  |
| 6  | SHPS-1/SIRP1alpha contributes to interleukin-6 signalling. <i>Cellular Signalling</i> , <b>2008</b> , 20, 1385-91  | 4.9  | 25  |
| 5  | 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> , <b>2008</b> , 412, 65-72   | 3.8  | 23  |
| 4  | Mechanisms of SOCS3 phosphorylation upon interleukin-6 stimulation. Contributions of Src- and receptor-tyrosine kinases. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 31478-88  | 5.4  | 30  |
| 3  | Dual function of interleukin-1beta for the regulation of interleukin-6-induced suppressor of cytokine signaling 3 expression. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 45279-89   | 5.4  | 22  |
| 2  | The role of the inhibitors of interleukin-6 signal transduction SHP2 and SOCS3 for desensitization of interleukin-6 signalling. <i>Biochemical Journal</i> , <b>2004</b> , 378, 449-60   | 3.8  | 58  |
| 1  | SHP2 and SOCS3 contribute to Tyr-759-dependent attenuation of interleukin-6 signaling through gp130. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 661-71  | 5.4  | 180 |