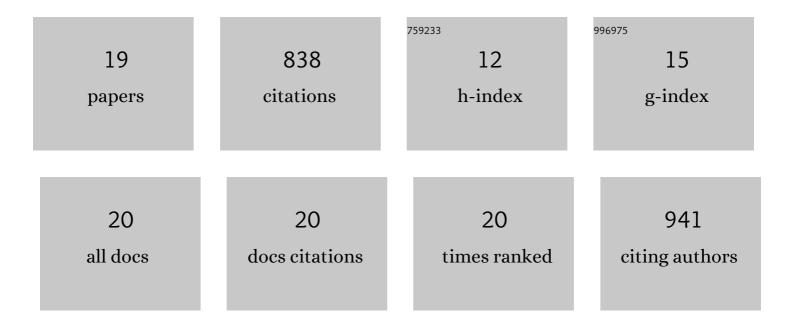
## Saba Parvez

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1728800/publications.pdf Version: 2024-02-01



SARA DADVEZ

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Redox Signaling by Reactive Electrophiles and Oxidants. Chemical Reviews, 2018, 118, 8798-8888.   | 47.7 | 232       |
| 2  | Bioorthogonal Removal of 3-Isocyanopropyl Groups Enables the Controlled Release of Fluorophores and Drugs in Vivo. Journal of the American Chemical Society, 2018, 140, 8410-8414.                              | 13.7 | 103       |
| 3  | Stable, Reactive, and Orthogonal Tetrazines: Dispersion Forces Promote the Cycloaddition with Isonitriles. Angewandte Chemie - International Edition, 2019, 58, 9043-9048.                                      | 13.8 | 67        |
| 4  | Substoichiometric Hydroxynonenylation of a Single Protein Recapitulates Whole-Cell-Stimulated Antioxidant Response. Journal of the American Chemical Society, 2015, 137, 10-13.                                 | 13.7 | 66        |
| 5  | T-REX on-demand redox targeting in live cells. Nature Protocols, 2016, 11, 2328-2356.   | 12.0 | 62        |
| 6  | Temporally Controlled Targeting of 4-Hydroxynonenal to Specific Proteins in Living Cells. Journal of the American Chemical Society, 2013, 135, 14496-14499.   | 13.7 | 60        |
| 7  | Akt3 is a privileged first responder in isozyme-specific electrophile response. Nature Chemical Biology, 2017, 13, 333-338.   | 8.0  | 56        |
| 8  | Isonitrile-responsive and bioorthogonally removable tetrazine protecting groups. Chemical Science, 2020, 11, 169-179.   | 7.4  | 41        |
| 9  | β-TrCP1 Is a Vacillatory Regulator of Wnt Signaling. Cell Chemical Biology, 2017, 24, 944-957.e7.   | 5.2  | 39        |
| 10 | MIC-Drop: A platform for large-scale in vivo CRISPR screens. Science, 2021, 373, 1146-1151.   | 12.6 | 36        |
| 11 | Substrate specificity and reaction mechanism of purified alkane hydroxylase from the<br>hydrocarbonoclastic bacterium Alcanivorax borkumensis (AbAlkB). Journal of Inorganic<br>Biochemistry, 2013, 121, 46-52. | 3.5  | 26        |
| 12 | Wdr1 and cofilin are necessary mediators of immune-cell-specific apoptosis triggered by Tecfidera.<br>Nature Communications, 2021, 12, 5736.  | 12.8 | 21        |
| 13 | Uncoupling of Allosteric and Oligomeric Regulation in a Functional Hybrid Enzyme Constructed from<br>Escherichia coli and Human Ribonucleotide Reductase. Biochemistry, 2013, 52, 7050-7059.                    | 2.5  | 13        |
| 14 | Stable, Reactive, and Orthogonal Tetrazines: Dispersion Forces Promote the Cycloaddition with<br>Isonitriles. Angewandte Chemie, 2019, 131, 9141-9146.  | 2.0  | 12        |
| 15 | Enhancing Multistep DNA Processing by Solid-Phase Enzyme Catalysis on Polyethylene Glycol Coated<br>Beads. Bioconjugate Chemistry, 2018, 29, 2316-2324.   | 3.6  | 4         |
| 16 | Rücktitelbild: Stable, Reactive, and Orthogonal Tetrazines: Dispersion Forces Promote the<br>Cycloaddition with Isonitriles (Angew. Chem. 27/2019). Angewandte Chemie, 2019, 131, 9390-9390.                    | 2.0  | 0         |
| 17 | Mechanistic Basis of Residue Specificity in Targeted Electrophilic Modification. FASEB Journal, 2015, 29, 565.10.   | 0.5  | 0         |
| 18 | Substoichiometric Hydroxynonenylation of a Single Protein Recapitulates Wholeâ€cellâ€stimulated<br>Antioxidant Response. FASEB Journal, 2015, 29, 570.1.  | 0.5  | 0         |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Chemistryâ€Driven Approaches to Deconstruct Redoxâ€Linked Signal Transduction Networks. FASEB<br>Journal, 2015, 29, 570.14. | 0.5 | 0         |