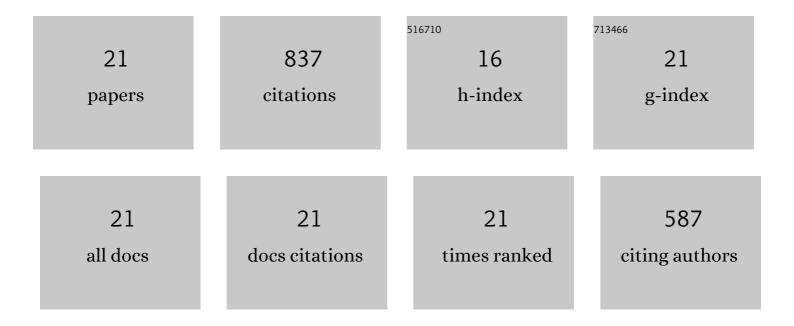
## Suzanne R Kalb

List of Publications by Year in descending order

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SUZANNE R KALR

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Historical Perspectives and Guidelines for Botulinum Neurotoxin Subtype Nomenclature. Toxins, 2017,<br>9, 38.   | 3.4 | 232       |
| 2  | Detection of Botulinum Neurotoxin A in a Spiked Milk Sample with Subtype Identification through<br>Toxin Proteomics. Analytical Chemistry, 2005, 77, 6140-6146.   | 6.5 | 75        |
| 3  | Extraction and Inhibition of Enzymatic Activity of Botulinum Neurotoxins/A1, /A2, and /A3 by a Panel of<br>Monoclonal Anti-BoNT/A Antibodies. PLoS ONE, 2009, 4, e5355.   | 2.5 | 59        |
| 4  | Discovery of a novel enzymatic cleavage site for botulinum neurotoxin F5. FEBS Letters, 2012, 586,<br>109-115.  | 2.8 | 59        |
| 5  | Extraction of BoNT/A, /B, /E, and /F with a Single, High Affinity Monoclonal Antibody for Detection of<br>Botulinum Neurotoxin by Endopep-MS. PLoS ONE, 2010, 5, e12237.  | 2.5 | 53        |
| 6  | De novo subtype and strain identification of botulinum neurotoxin type B through toxin proteomics.<br>Analytical and Bioanalytical Chemistry, 2012, 403, 215-226.   | 3.7 | 46        |
| 7  | Recommended Mass Spectrometry-Based Strategies to Identify Botulinum Neurotoxin-Containing<br>Samples. Toxins, 2015, 7, 1765-1778.  | 3.4 | 38        |
| 8  | Improved detection of botulinum neurotoxin type A in stool by mass spectrometry. Analytical<br>Biochemistry, 2011, 412, 67-73.  | 2.4 | 36        |
| 9  | Recommended Mass Spectrometry-Based Strategies to Identify Ricin-Containing Samples. Toxins, 2015, 7, 4881-4894.  | 3.4 | 29        |
| 10 | Mass Spectrometric Detection of Bacterial Protein Toxins and Their Enzymatic Activity. Toxins, 2015, 7, 3497-3511.  | 3.4 | 28        |
| 11 | Improved Sensitivity for the Qualitative and Quantitative Analysis of Active Ricin by MALDI-TOF Mass<br>Spectrometry. Analytical Chemistry, 2016, 88, 6867-6872.  | 6.5 | 27        |
| 12 | Extraction and inhibition of enzymatic activity of botulinum neurotoxins /B1, /B2, /B3, /B4, and /B5 by a panel of monoclonal anti-BoNT/B antibodies. BMC Biochemistry, 2011, 12, 58.   | 4.4 | 24        |
| 13 | Different Substrate Recognition Requirements for Cleavage of Synaptobrevin-2 by <i>Clostridium<br/>baratii</i> and <i>Clostridium botulinum</i> Type F Neurotoxins. Applied and Environmental<br>Microbiology, 2011, 77, 1301-1308. | 3.1 | 22        |
| 14 | Improved detection of botulinum neurotoxin serotype A by Endopep–MS through peptide substrate modification. Analytical Biochemistry, 2013, 432, 115-123.  | 2.4 | 22        |
| 15 | Enhanced detection of type C botulinum neurotoxin by the Endopep-MS assay through optimization of peptide substrates. Bioorganic and Medicinal Chemistry, 2015, 23, 3667-3673.  | 3.0 | 22        |
| 16 | Three Enzymatically Active Neurotoxins ofClostridium botulinumStrain Af84: BoNT/A2, /F4, and /F5.<br>Analytical Chemistry, 2014, 86, 3254-3262.   | 6.5 | 20        |
| 17 | Characterization of Hemagglutinin Negative Botulinum Progenitor Toxins. Toxins, 2017, 9, 193.   | 3.4 | 14        |
| 18 | Further optimization of peptide substrate enhanced assay performance for BoNT/A detection by MALDI-TOF mass spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 4779-4786.   | 3.7 | 12        |

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|----|---|-----|-----------|
| 19 | Optimization of peptide substrates for botulinum neurotoxin E improves detection sensitivity in the<br>Endopep–MS assay. Analytical Biochemistry, 2015, 468, 15-21.                           | 2.4 | 8         |
| 20 | Detection of ricin activity and structure by using novel galactose-terminated magnetic bead extraction coupled with mass spectrometric detection. Analytical Biochemistry, 2021, 631, 114364. | 2.4 | 6         |
| 21 | Proposed BoNT/A and /B Peptide Substrates Cannot Detect Multiple Subtypes in the Endopep-MS Assay.<br>Journal of Analytical Toxicology, 2020, 44, 173-179.                                    | 2.8 | 5         |