

# Gerald N Rechberger

## List of Publications by Citations

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**Version:** 2024-04-27

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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.

7  
papers

152  
citations

4  
h-index

10  
g-index

10  
ext. papers

197  
ext. citations

8.4  
avg, IF

1.63  
L-index

| # | Paper  | IF   | Citations |
|---|--|------|-----------|
| 7 | Deciphering lipid structures based on platform-independent decision rules. <i>Nature Methods</i> , <b>2017</b> , 14, 1171-1174   | 21.6 | 81        |
| 6 | Hypochlorite modification of sphingomyelin generates chlorinated lipid species that induce apoptosis and proteome alterations in dopaminergic PC12 neurons in vitro. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 48, 1588-600     | 7.8  | 40        |
| 5 | Assessment of electrophile damage in a human brain endothelial cell line utilizing a clickable alkyne analog of 2-chlorohexadecanal. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 90, 59-74  | 7.8  | 12        |
| 4 | Pharmacological Inhibition of Serine Palmitoyl Transferase and Sphingosine Kinase-1/-2 Inhibits Merkel Cell Carcinoma Cell Proliferation. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 807-817                             | 4.3  | 10        |
| 3 | Myeloperoxidase-Derived 2-Chlorohexadecanal Is Generated in Mouse Heart during Endotoxemia and Induces Modification of Distinct Cardiomyocyte Protein Subsets In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21, | 6.3  | 4         |
| 2 | Sensitivity of Osteosarcoma Cells to Concentration-Dependent Bioactivities of Lipid Peroxidation Product 4-Hydroxynonenal Depend on Their Level of Differentiation. <i>Cells</i> , <b>2021</b> , 10,   | 7.9  | 4         |
| 1 | Linolenic acid and product octadecanoids in Styrian pumpkin seeds and oils: How processing impacts lipidomes of fatty acid, triacylglycerol and oxylipin molecular structures. <i>Food Chemistry</i> , <b>2022</b> , 371, 131194               | 8.5  | 1         |