

# Gudmundur G Haraldsson

## List of Publications by Year in descending order

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32  
papers

1,252  
citations

430874

18  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

867  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Synthesis of enantiopure ABC-type triacylglycerols. <i>Tetrahedron</i> , 2020, 76, 130813.  | 1.9 | 7         |
| 2  | Synthesis and enantiospecific analysis of enantiostructured triacylglycerols containing n-3 polyunsaturated fatty acids. <i>Chemistry and Physics of Lipids</i> , 2020, 231, 104937.  | 3.2 | 10        |
| 3  | Bioavailability of docosahexaenoic acid 22:6(n-3) from enantiopure triacylglycerols and their regioisomeric counterpart in rats. <i>Food Chemistry</i> , 2019, 283, 381-389.  | 8.2 | 18        |
| 4  | Lipids from the marine world: Perspectives of an organic chemist. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1700166.   | 1.5 | 1         |
| 5  | Synthesis of Enantiopure Reversed Structured Ether Lipids of the 1-O-Alkyl-sn-2,3-diacylglycerol Type. <i>Marine Drugs</i> , 2015, 13, 173-201.   | 4.6 | 8         |
| 6  | Synthesis of reversed structured triacylglycerols possessing EPA and DHA at their terminal positions. <i>Tetrahedron</i> , 2015, 71, 8544-8550.   | 1.9 | 13        |
| 7  | Synthesis of enantiopure structured triacylglycerols. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 125-132.  | 1.8 | 17        |
| 8  | Activation of n-3 polyunsaturated fatty acids as oxime esters: a novel approach for their exclusive incorporation into the primary alcoholic positions of the glycerol moiety by lipase. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 712-720. | 3.2 | 13        |
| 9  | Ether lipids. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 315-340.  | 3.2 | 119       |
| 10 | Chemoenzymatic synthesis of a focused library of enantiopure structured 1-O-alkyl-2,3-diacyl-sn-glycerol type ether lipids. <i>Tetrahedron</i> , 2011, 67, 1821-1836.   | 1.9 | 21        |
| 11 | Chemoenzymatic synthesis of symmetrically structured triacylglycerols possessing short-chain fatty acids. <i>Tetrahedron</i> , 2010, 66, 2728-2731.   | 1.9 | 31        |
| 12 | Synthesis of enantiomerically pure (Z)-(2R)-1-O-(2-methoxyhexadec-4-enyl)-sn-glycerol present in the liver oil of cartilaginous fish. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2841-2847.  | 1.8 | 10        |
| 13 | Enzymatic production of alkyl esters through alcoholysis: A critical evaluation of lipases and alcohols. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2005, 82, 341-347.   | 1.9 | 93        |
| 14 | Enrichment of Lipids with EPA and DHA by Lipase. , 2005, , 170-189.   |     | 5         |
| 15 | Fatty acid selectivity of microbial lipase and lipolytic enzymes from salmonid fish intestines toward astaxanthin diesters. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 347-353.  | 1.9 | 15        |
| 16 | Lipase selectivity toward fatty acids commonly found in fish oil. <i>European Journal of Lipid Science and Technology</i> , 2004, 106, 79-87.   | 1.5 | 63        |
| 17 | Lipase-catalysed kinetic resolution of 1-O-alkylglycerols by sequential transesterification. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2893-2899.   | 1.8 | 13        |
| 18 | Separation of EPA and DHA in fish oil by lipase-catalyzed esterification with glycerol. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2003, 80, 915-921.  | 1.9 | 33        |

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|----|---|-----|-----------|
| 19 | Chemoenzymatic synthesis of structured triacylglycerols by highly regioselective acylation. <i>Tetrahedron</i> , 2003, 59, 9101-9109.   | 1.9 | 86        |
| 20 | Chemoenzymatic synthesis of structured triacylglycerols. <i>Tetrahedron Letters</i> , 2001, 42, 7675-7677.  | 1.4 | 31        |
| 21 | Chemoenzymatic synthesis of structured triacylglycerols containing eicosapentaenoic and docosahexaenoic acids. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2000, 77, 1139-1145.   | 1.9 | 47        |
| 22 | Kinetic resolution of 1-O-alkylglycerols by lipase. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 3671-3674.  | 1.8 | 6         |
| 23 | Preparation of phospholipids highly enriched with n-3 polyunsaturated fatty acids by lipase. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1999, 76, 1143-1149.   | 1.9 | 74        |
| 24 | Separation of eicosapentaenoic acid and docosahexaenoic acid in fish oil by kinetic resolution using lipase. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1998, 75, 1551-1556.   | 1.9 | 61        |
| 25 | The preparation of concentrates of eicosapentaenoic acid and docosahexaenoic acid by lipase-catalyzed transesterification of fish oil with ethanol. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1997, 74, 1419-1424.                  | 1.9 | 62        |
| 26 | Preparation of highly purified concentrates of eicosapentaenoic acid and docosahexaenoic acid. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1997, 74, 1425-1429.   | 1.9 | 92        |
| 27 | The synthesis of homogeneous triglycerides of eicosapentaenoic acid and docosahexaenoic acid by lipase. <i>Tetrahedron</i> , 1995, 51, 941-952.   | 1.9 | 105       |
| 28 | The generation of glyceryl ether lipids highly enriched with eicosapentaenoic acid and docosahexaenoic acid by lipase. <i>Tetrahedron Letters</i> , 1994, 35, 7681-7684.  | 1.4 | 26        |
| 29 | The preparation of homogeneous triglycerides of eicosapentaenoic acid and docosahexaenoic acid by lipase. <i>Tetrahedron Letters</i> , 1993, 34, 5791-5794.   | 1.4 | 43        |
| 30 | Studies on the Positional Specificity of Lipase from <i>Mucor miehei</i> during Interesterification Reactions of Cod Liver Oil with n-3 Polyunsaturated Fatty Acid and Ethyl Ester Concentrates.. <i>Acta Chemica Scandinavica</i> , 1991, 45, 723-730. | 0.7 | 36        |
| 31 | The preparation of triglycerides highly enriched with n-3 polyunsaturated fatty acids via lipase catalyzed interesterification. <i>Tetrahedron Letters</i> , 1989, 30, 1671-1674.   | 1.4 | 93        |
| 32 | Chemoenzymatic Synthesis of Enantiopure Triacylglycerols. , 0, , 431-447.   |     | 0         |