

# Steven E Shoelson

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8430591/steven-e-shoelson-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

19,169  
citations

33  
h-index

47  
g-index

47  
ext. papers

20,993  
ext. citations

19  
avg, IF

6.75  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 42 | Inflammation and insulin resistance. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 1793-801   | 15.9 | 2762      |
| 41 | Type 2 diabetes as an inflammatory disease. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 98-107   | 36.5 | 2207      |
| 40 | Local and systemic insulin resistance resulting from hepatic activation of IKK-beta and NF-kappaB. <i>Nature Medicine</i> , <b>2005</b> , 11, 183-90  | 50.5 | 1729      |
| 39 | Reversal of obesity- and diet-induced insulin resistance with salicylates or targeted disruption of Ikkbeta. <i>Science</i> , <b>2001</b> , 293, 1673-7                                     | 33.3 | 1565      |
| 38 | Lean, but not obese, fat is enriched for a unique population of regulatory T cells that affect metabolic parameters. <i>Nature Medicine</i> , <b>2009</b> , 15, 930-9                       | 50.5 | 1479      |
| 37 | Obesity, inflammation, and insulin resistance. <i>Gastroenterology</i> , <b>2007</b> , 132, 2169-80   | 13.3 | 1240      |
| 36 | IKKbeta/NF-kappaB activation causes severe muscle wasting in mice. <i>Cell</i> , <b>2004</b> , 119, 285-98  | 56.2 | 1017      |
| 35 | Identification of SOCS-3 as a potential mediator of central leptin resistance. <i>Molecular Cell</i> , <b>1998</b> , 1, 619-25  | 25.6 | 822       |
| 34 | PPAR- $\delta$ is a major driver of the accumulation and phenotype of adipose tissue Treg cells. <i>Nature</i> , <b>2012</b> , 486, 549-53  | 50.4 | 762       |
| 33 | Crystal structure of the tyrosine phosphatase SHP-2. <i>Cell</i> , <b>1998</b> , 92, 441-50   | 56.2 | 736       |
| 32 | SOCS-1 and SOCS-3 block insulin signaling by ubiquitin-mediated degradation of IRS1 and IRS2. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 42394-8                           | 5.4  | 652       |
| 31 | Prevention of fat-induced insulin resistance by salicylate. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 108, 437-46  | 15.9 | 519       |
| 30 | Recognition of a high-affinity phosphotyrosyl peptide by the Src homology-2 domain of p56lck. <i>Nature</i> , <b>1993</b> , 362, 87-91  | 50.4 | 501       |
| 29 | The effects of salsalate on glycemic control in patients with type 2 diabetes: a randomized trial. <i>Annals of Internal Medicine</i> , <b>2010</b> , 152, 346-57                           | 8    | 287       |
| 28 | Salsalate improves glycemia and inflammatory parameters in obese young adults. <i>Diabetes Care</i> , <b>2008</b> , 31, 289-94  | 14.6 | 285       |
| 27 | Metabolic syndrome, insulin resistance, and roles of inflammation--mechanisms and therapeutic targets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 1771-6 | 9.4  | 273       |
| 26 | Structure of the regulatory domains of the Src-family tyrosine kinase Lck. <i>Nature</i> , <b>1994</b> , 368, 764-9   | 50.4 | 253       |

|    |  |      |     |
|----|--|------|-----|
| 25 | Use of salsalate to target inflammation in the treatment of insulin resistance and type 2 diabetes. <i>Clinical and Translational Science</i> , <b>2008</b> , 1, 36-43   | 4.9  | 220 |
| 24 | Mechanism by which high-dose aspirin improves glucose metabolism in type 2 diabetes. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 1321-6  | 15.9 | 220 |
| 23 | Adipose Natural Killer Cells Regulate Adipose Tissue Macrophages to Promote Insulin Resistance in Obesity. <i>Cell Metabolism</i> , <b>2016</b> , 23, 685-98   | 24.6 | 180 |
| 22 | Salicylate (salsalate) in patients with type 2 diabetes: a randomized trial. <i>Annals of Internal Medicine</i> , <b>2013</b> , 159, 1-12  | 8    | 177 |
| 21 | Insulin resistance due to phosphorylation of insulin receptor substrate-1 at serine 302. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 35298-305   | 5.4  | 176 |
| 20 | Spatial constraints on the recognition of phosphoproteins by the tandem SH2 domains of the phosphatase SH-PTP2. <i>Nature</i> , <b>1996</b> , 379, 277-80  | 50.4 | 174 |
| 19 | T cell antigen CD28 binds to the GRB-2/SOS complex, regulators of p21ras. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1044-50  | 6.1  | 132 |
| 18 | Structural basis for IL-4 receptor phosphopeptide recognition by the IRS-1 PTB domain. <i>Nature Structural and Molecular Biology</i> , <b>1996</b> , 3, 388-93  | 17.6 | 130 |
| 17 | Therapeutic approaches to target inflammation in type 2 diabetes. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 162-7  | 5.5  | 90  |
| 16 | Therapeutic approaches targeting inflammation for diabetes and associated cardiovascular risk. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 83-93   | 15.9 | 84  |
| 15 | Getting away from glucose: fanning the flames of obesity-induced inflammation. <i>Nature Medicine</i> , <b>2009</b> , 15, 373-4  | 50.5 | 81  |
| 14 | Tag polymorphisms at the A20 (TNFAIP3) locus are associated with lower gene expression and increased risk of coronary artery disease in type 2 diabetes. <i>Diabetes</i> , <b>2007</b> , 56, 499-505                         | 0.9  | 62  |
| 13 | Conformational changes of the insulin receptor upon insulin binding and activation as monitored by fluorescence spectroscopy. <i>Biochemistry</i> , <b>1997</b> , 36, 2701-8   | 3.2  | 48  |
| 12 | Effect of Targeting Inflammation With Salsalate: The TINSAL-CVD Randomized Clinical Trial on Progression of Coronary Plaque in Overweight and Obese Patients Using Statins. <i>JAMA Cardiology</i> , <b>2016</b> , 1, 413-23 | 16.2 | 38  |
| 11 | Insulin receptor activation with transmembrane domain ligands. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 19769-77  | 5.4  | 38  |
| 10 | Targeting inflammation using salsalate in patients with type 2 diabetes: effects on flow-mediated dilation (TINSAL-FMD). <i>Diabetes Care</i> , <b>2013</b> , 36, 4132-9   | 14.6 | 38  |
| 9  | Retinal not systemic oxidative and inflammatory stress correlated with VEGF expression in rodent models of insulin resistance and diabetes <b>2012</b> , 53, 8424-32   |      | 33  |
| 8  | Autophosphorylation within insulin receptor beta-subunits can occur as an intramolecular process. <i>Biochemistry</i> , <b>1991</b> , 30, 7740-6   | 3.2  | 31  |

|   |  |      |    |
|---|--|------|----|
| 7 | Banking on ATM as a new target in metabolic syndrome. <i>Cell Metabolism</i> , <b>2006</b> , 4, 337-8  | 24.6 | 24 |
| 6 | Profilin-1 haploinsufficiency protects against obesity-associated glucose intolerance and preserves adipose tissue immune homeostasis. <i>Diabetes</i> , <b>2013</b> , 62, 3718-26   | 0.9  | 19 |
| 5 | Regulation of diet-induced adipose tissue and systemic inflammation by salicylates and pioglitazone. <i>PLoS ONE</i> , <b>2013</b> , 8, e82847   | 3.7  | 18 |
| 4 | Salsalate improves glycaemia in overweight persons with diabetes risk factors of stable statin-treated cardiovascular disease: A 30-month randomized placebo-controlled trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 1458-1462 | 6.7  | 14 |
| 3 | Effects of the anti-inflammatory drug salsalate on bone turnover in type 2 diabetes mellitus. <i>Endocrine</i> , <b>2015</b> , 50, 504-7   | 4    | 5  |
| 2 | The carboxy-terminal region of the TBC1D4 (AS160) RabGAP mediates protein homodimerization. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 103, 965-971   | 7.9  | 4  |
| 1 | Insulin and Other Antidiabetic Agents <b>2009</b> , 1  |      |    |