

# Matthias A Oberli

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,234  
citations

394421

19  
h-index

610901

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Nanoparticle Assisted mRNA Delivery for Potent Cancer Immunotherapy. <i>Nano Letters</i> , 2017, 17, 1326-1335.	9.1	506
2	mRNA vaccine delivery using lipid nanoparticles. <i>Therapeutic Delivery</i> , 2016, 7, 319-334.	2.2	414
3	In vivo genome editing and organoid transplantation models of colorectal cancer and metastasis. <i>Nature Biotechnology</i> , 2017, 35, 569-576.	17.5	248
4	Synthesis and Biological Evaluation of Ionizable Lipid Materials for the In Vivo Delivery of Messenger RNA to B Lymphocytes. <i>Advanced Materials</i> , 2017, 29, 1606944.	21.0	174
5	Continuous-Flow Synthesis of Biaryls Enabled by Multistep Solid-Handling in a Lithiation/Borylation/Suzuki-Miyaura Cross-Coupling Sequence. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10665-10669.	13.8	100
6	A Possible Oligosaccharide-Conjugate Vaccine Candidate for <i>Clostridium difficile</i> Is Antigenic and Immunogenic. <i>Chemistry and Biology</i> , 2011, 18, 580-588.	6.0	92
7	Immunological Evaluation of a Synthetic <i>Clostridium difficile</i> Oligosaccharide Conjugate Vaccine Candidate and Identification of a Minimal Epitope. <i>Journal of the American Chemical Society</i> , 2013, 135, 9713-9722.	13.7	86
8	A General Method for Suzuki-Miyaura Coupling Reactions Using Lithium Triisopropyl Borates. <i>Organic Letters</i> , 2012, 14, 4606-4609.	4.6	64
9	Molecular Analysis of Carbohydrate-Antibody Interactions: Case Study Using a <i>Bacillus anthracis</i> Tetrasaccharide. <i>Journal of the American Chemical Society</i> , 2010, 132, 10239-10241.	13.7	62
10	Ultrasound-enhanced transdermal delivery: recent advances and future challenges. <i>Therapeutic Delivery</i> , 2014, 5, 843-857.	2.2	60
11	Rapid, Single-Cell Analysis and Discovery of Vectors for mRNA Transfection In Vivo with a loxP-Flanked tdTomato Reporter Mouse. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 10, 55-63.	5.1	59
12	Determination of Carbohydrate-Binding Preferences of Human Galectins with Carbohydrate Microarrays. <i>ChemBioChem</i> , 2010, 11, 1563-1573.	2.6	56
13	Glycan arrays containing synthetic <i>Clostridium difficile</i> lipoteichoic acid oligomers as tools toward a carbohydrate vaccine. <i>Chemical Communications</i> , 2013, 49, 7159.	4.1	47
14	Ultrasound-Mediated Delivery of RNA to Colonic Mucosa of Live Mice. <i>Gastroenterology</i> , 2017, 152, 1151-1160.	1.3	46
15	Synthesis of a Hexasaccharide Repeating Unit from <i>Bacillus anthracis</i> Vegetative Cell Walls. <i>Organic Letters</i> , 2008, 10, 905-908.	4.6	44
16	Surface Characterization of Carbohydrate Microarrays. <i>Langmuir</i> , 2010, 26, 17143-17155.	3.5	39
17	Potent in vivo lung cancer Wnt signaling inhibition via cyclodextrin-LGK974 inclusion complexes. <i>Journal of Controlled Release</i> , 2018, 290, 75-87.	9.9	35
18	Immuno-detection of anthrose containing tetrasaccharide in the exosporium of <i>Bacillus anthracis</i> and <i>Bacillus cereus</i> strains. <i>Journal of Applied Microbiology</i> , 2009, 106, 1618-1628.	3.1	28

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19	Identification of an African <i>Bacillus anthracis</i> Lineage That Lacks Expression of the Spore Surface-Associated Anthrose-Containing Oligosaccharide. <i>Journal of Bacteriology</i> , 2011, 193, 3506-3511.	2.2	18
20	A Practical and User-Friendly Method for the Selenium-Free One-Step Preparation of 1,2-Diketones and their Monoxime Analogs. <i>Synlett</i> , 2004, 2004, 2315-2318.	1.8	14
21	Diradical-Promoted (n + 2 - 1) Ring Expansion: An Efficient Reaction for the Synthesis of Macrocyclic Ketones. <i>Organic Letters</i> , 2004, 6, 3179-3181.	4.6	13
22	Thermodecarbonylation of $\beta$ -substituted cycloalkanones: a convenient one-carbon ring contraction method. <i>Tetrahedron Letters</i> , 2004, 45, 7887-7889.	1.4	2
23	Synthetic Oligosaccharide Bacterial Antigens to Produce Monoclonal Antibodies for Diagnosis and Treatment of Disease Using <i>Bacillus anthracis</i> as a Case Study. , 2012, , 37-54.		1
24	Diradical-Promoted (n + 2 - 1) Ring Expansion: An Efficient Reaction for the Synthesis of Macrocyclic Ketones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
25	Thermodecarbonylation of $\beta$ -Substituted Cycloalkanones: A Convenient One-Carbon Ring Contraction Method.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
26	A Practical and User-Friendly Method for the Selenium-Free One-Step Preparation of 1,2-Diketones and Their Monoxime Analogues.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
27	Correction to A General Method for Suzuki-Miyaura Coupling Reactions Using Lithium Triisopropyl Borates. <i>Organic Letters</i> , 2013, 15, 2892-2892.	4.6	0