

# Timothy O'Sullivan

## List of Publications by Year in descending order

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34  
papers

1,619  
citations

567281

15  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of quinazolinones and quinazolines. <i>Tetrahedron</i> , 2005, 61, 10153-10202.	1.9	556
2	The Development of Enantioselective Rhodium-Catalysed Hydroboration of Olefins. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 609-631.	4.3	314
3	Synthesis of Dihydrofurans Substituted in the 2-Position. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4929-4949.	2.4	117
4	Lipoxin A <sub>4</sub> and benzo- $\epsilon$ -lipoxin A <sub>4</sub> attenuate experimental renal fibrosis. <i>FASEB Journal</i> , 2011, 25, 2967-2979.	0.5	101
5	Aromatic Lipoxin A <sub>4</sub> and Lipoxin B <sub>4</sub> Analogues Display Potent Biological Activities. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5894-5902.	6.4	88
6	Advances in the synthesis of acyclic peroxides. <i>RSC Advances</i> , 2017, 7, 19506-19556.	3.6	49
7	Synthesis and application of phosphonothioates, phosphonodithioates, phosphorothioates, phosphinothioates and related compounds. <i>Tetrahedron Letters</i> , 2018, 59, 4279-4292.	1.4	45
8	Model studies toward the synthesis of the bioactive diterpenoid, harringtonolide. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2627.	2.8	43
9	Modern Synthetic Approaches to Phosphorus-Sulfur Bond Formation in Organophosphorus Compounds. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2801-2846.	4.3	42
10	Synthesis of non-symmetric bis(oxazoline)-containing ligands and their application in the catalytic enantioselective Nozaki-Hiyama-Kishi allylation of benzaldehyde. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 562-566.	2.8	36
11	Modulation of antibiotic sensitivity and biofilm formation in <i>Pseudomonas aeruginosa</i> by interspecies signal analogues. <i>Nature Communications</i> , 2019, 10, 2334.	12.8	36
12	Recent applications of gallium and gallium halides as reagents in organic synthesis. <i>RSC Advances</i> , 2013, 3, 25498.	3.6	26
13	An Exploration of the Potential of [4+2] Cycloadditions of $\Gamma_{\pm}$ -Pyrone with Indenones for the Synthesis of the Norditerpenoid Tropone, Harringtonolide. <i>Synlett</i> , 2003, 2003, 1367.	1.8	21
14	Synthesis of fluorinated oxygen- and sulfur-containing heteroaromatics. <i>Journal of Fluorine Chemistry</i> , 2015, 176, 93-120.	1.7	18
15	A Robust Methodology for the Synthesis of Phosphorothioates, Phosphinothioates and Phosphonothioates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1825-1830.	4.3	18
16	Sulfonamide-based diffusible signal factor analogs interfere with quorum sensing in <i>Stenotrophomonas maltophilia</i> and <i>Burkholderia cepacia</i> . <i>Future Medicinal Chemistry</i> , 2019, 11, 1565-1582.	2.3	15
17	Synthesis, Structure-Activity Relationships and Antagonistic Effects in Human MCF-7 Breast Cancer Cells of Flexible Estrogen Receptor Modulators. <i>Medicinal Chemistry</i> , 2005, 1, 335-353.	1.5	14
18	Using Structure-Based Organic Chemistry Online Tutorials with Automated Correction for Student Practice and Review. <i>Journal of Chemical Education</i> , 2014, 91, 1851-1854.	2.3	12

#	ARTICLE	IF	CITATIONS
19	Recent advances in the transesterification of $\beta$ -keto esters. RSC Advances, 2021, 11, 22859-22920.	3.6	12
20	Structure-activity relationships of furanones, dihydropyrrolones and thiophenones as potential quorum sensing inhibitors. Future Medicinal Chemistry, 2020, 12, 1925-1943.	2.3	10
21	Recent Developments in the Practical Application of Novel Carboxylic Acid Bioisosteres. Current Medicinal Chemistry, 2022, 29, 2203-2234.	2.4	8
22	Synthesis of novel quinine analogs and evaluation of their effects on Trypanosoma cruzi. Future Medicinal Chemistry, 2018, 10, 391-408.	2.3	7
23	Synthesis of symmetrically and unsymmetrically substituted S,S -dialkyl phosphonodithioates. Tetrahedron Letters, 2017, 58, 4212-4214.	1.4	6
24	Synthesis of the quorum sensing molecule Diffusible Signal Factor using the alkyne zipper reaction. Tetrahedron Letters, 2018, 59, 2193-2195.	1.4	6
25	An improved synthesis of adefovir and related analogues. Beilstein Journal of Organic Chemistry, 2019, 15, 801-810.	2.2	6
26	Antiestrogenically Active 2-benzyl-1,1-diarylbut-2-enes: Synthesis, Structure- Activity Relationships and Molecular Modeling Study for Flexible Estrogen Receptor Antagonists. Medicinal Chemistry, 2006, 2, 147-168.	1.5	5
27	Production of a chiral alcohol, 1-(3,4-dihydroxyphenyl) ethanol, by mushroom tyrosinase. Biotechnology Letters, 2013, 35, 779-783.	2.2	3
28	Preparation of $\beta$ -unsaturated $\alpha$ -ketoesters: Lewis acid-catalysed C H insertion of ethyl diazoacetate into $\alpha,\beta$ -unsaturated aldehydes. Tetrahedron Letters, 2017, 58, 3533-3535.	1.4	2
29	Cinchona-catalysed, Enantioselective Synthesis of $\alpha$ -Peroxydicarboxylic Acids, $\alpha$ -Peroxyesters and $\alpha$ -Peroxyalcohols. Current Organic Chemistry, 2016, 20, 2633-2638.	1.6	2
30	The Application of Molecular Tethers in Controlling Axial Chirality. Mini-Reviews in Organic Chemistry, 2016, 13, 206-218.	1.3	1
31	Synthesis of Quinazolinones and Quinazolines. ChemInform, 2006, 37, no.	0.0	0
32	Efficient S-Acylation of Thiourea. SynOpen, 2018, 02, 0263-0267.	1.7	0
33	Asymmetric Peroxidation of $\alpha,\beta$ -Unsaturated Aldehydes under Diarylprolinol Ether Catalysis. Current Organic Chemistry, 2017, 21, .	1.6	0
34	Synthesis and Biological Evaluation of Novel Thionucleosides. Current Organic Chemistry, 2020, 24, 1717-1762.	1.6	0