# Timothy O'Sullivan

List of Publications by Year
in descending order



| 34 | 1,619 | 567281 15 | 454955 30 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 36 | 36 | 36 | 1932 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent Developments in the Practical Application of Novel Carboxylic Acid Bioisosteres. Current Medicinal Chemistry, 2022, 29, 2203-2234. | 2.4 | 8 |
| 2 | Recent advances in the transesterification of Î²-keto esters. RSC Advances, 2021, 11, 22859-22920. | 3.6 | 12 |
| 3 | Structureâ€“activity relationships of furanones, dihydropyrrolones and thiophenones as potential quorum sensing inhibitors. Future Medicinal Chemistry, 2020, 12, 1925-1943. | 2.3 | 10 |
| 4 | Modern Synthetic Approaches to Phosphorusâ€“Sulfur Bond Formation in Organophosphorus Compounds. Advanced Synthesis and Catalysis, 2020, 362, 2801-2846. | 4.3 | 42 |
| 5 | A Robust Methodology for the Synthesis of Phosphorothioates, Phosphinothioates and Phosphonothioates. Advanced Synthesis and Catalysis, 2020, 362, 1825-1830. | 4.3 | 18 |
| 6 | Synthesis and Biological Evaluation of Novel Thionucleosides. Current Organic Chemistry, 2020, 24, 1717-1762. | 1.6 | 0 |
| 7 | Modulation of antibiotic sensitivity and biofilm formation in Pseudomonas aeruginosa by interspecies signal analogues. Nature Communications, 2019, 10, 2334. | 12.8 | 36 |
| 8 | An improved synthesis of adefovir and related analogues. Beilstein Journal of Organic Chemistry, 2019, 15, 801-810. | 2.2 | 6 |
| 9 | Sulfonamide-based diffusible signal factor analogs interfere with quorum sensing in Stenotrophomonas maltophilia and Burkholderia cepacia. Future Medicinal Chemistry, 2019, 11, 1565-1582. | 2.3 | 15 |
| 10 | Synthesis of the quorum sensing molecule Diffusible Signal Factor using the alkyne zipper reaction. Tetrahedron Letters, 2018, 59, 2193-2195. | 1.4 | 6 |
| 11 | Synthesis of novel quinine analogs and evaluation of their effects on Trypanosoma cruzi. Future Medicinal Chemistry, 2018, 10, 391-408. | 2.3 | 7 |
| 12 | Synthesis and application of phosphonothioates, phosphonodithioates, phosphorothioates, phosphinothioates and related compounds. Tetrahedron Letters, 2018, 59, 4279-4292. | 1.4 | 45 |
| 13 | Efficient S-Acylation of Thiourea. SynOpen, 2018, 02, 0263-0267. | 1.7 | 0 |
| 14 | Advances in the synthesis of acyclic peroxides. RSC Advances, 2017, 7, 19506-19556. | 3.6 | 49 |
| 15 | Synthesis of symmetrically and unsymmetrically substituted S,S -dialkyl phosphonodithioates. Tetrahedron Letters, 2017, 58, 4212-4214. | 1.4 | 6 |
| 16 | Preparation of Î³,Î´-unsaturated-Î²-ketoesters: Lewis acid-catalysed C H insertion of ethyl diazoacetate into Î±,Î²-unsaturated aldehydes. Tetrahedron Letters, 2017, 58, 3533-3535. | 1.4 | 2 |
| 17 | Asymmetric Peroxidation of Î±,Î²-Unsaturated Aldehydes under Diarylprolinol Ether Catalysis. Current Organic Chemistry, 2017, 21, . | 1.6 | 0 |
| 18 | Cinchona-catalysed, Enantioselective Synthesis of Î²-Peroxycarboxylic Acids, Î²-Peroxyesters and Î²-Peroxyalcohols. Current Organic Chemistry, 2016, 20, 2633-2638. | 1.6 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Application of Molecular Tethers in Controlling Axial Chirality. Mini-Reviews in Organic Chemistry, 2016, 13, 206-218. | 1.3 | 1 |
| 20 | Synthesis of fluorinated oxygen- and sulfur-containing heteroaromatics. Journal of Fluorine Chemistry, 2015, 176, 93-120. | 1.7 | 18 |
| 21 | Using Structure-Based Organic Chemistry Online Tutorials with Automated Correction for Student Practice and Review. Journal of Chemical Education, 2014, 91, 1851-1854. | 2.3 | 12 |
| 22 | Production of a chiral alcohol, 1-(3,4-dihydroxyphenyl) ethanol, by mushroom tyrosinase. Biotechnology Letters, 2013, 35, 779-783. | 2.2 | 3 |
| 23 | Recent applications of gallium and gallium halides as reagents in organic synthesis. RSC Advances, 2013, 3, 25498. | 3.6 | 26 |
| 24 | Lipoxin A <sub>4</sub> and benzoâ€lipoxin A <sub>4</sub> attenuate experimental renal fibrosis. FASEB Journal, 2011, 25, 2967-2979. | 0.5 | 101 |
| 25 | Synthesis of non-symmetric bis(oxazoline)-containing ligands and their application in the catalytic enantioselective Nozakiâ€“Hiyamaâ€“Kishi allylation of benzaldehyde. Organic and Biomolecular Chemistry, 2008, 6, 562-566. | 2.8 | 36 |
| 26 | Model studies toward the synthesis of the bioactive diterpenoid, harringtonolide. Organic and Biomolecular Chemistry, 2007, 5, 2627. | 2.8 | 43 |
| 27 | Aromatic Lipoxin A<sub>4</sub>and Lipoxin B<sub>4</sub>Analogues Display Potent Biological Activities. Journal of Medicinal Chemistry, 2007, 50, 5894-5902. | 6.4 | 88 |
| 28 | 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 |
| 29 | Synthesis of Quinazolinones and Quinazolines. ChemInform, 2006, 37, no. | 0.0 | 0 |
| 30 | Synthesis of quinazolinones and quinazolines. Tetrahedron, 2005, 61, 10153-10202. | 1.9 | 556 |
| 31 | Synthesis of Dihydrofurans Substituted in the 2â€Position. European Journal of Organic Chemistry, 2005, 2005, 4929-4949. | 2.4 | 117 |
| 32 | The Development of Enantioselective Rhodium-Catalysed Hydroboration of Olefins. Advanced Synthesis and Catalysis, 2005, 347, 609-631. | 4.3 | 314 |
| 33 | Synthesis, Structure-Activity Relationships and Antagonistic Effects in Human MCF-7 Breast Cancer Cells of Flexible Estrogen Receptor Modulators. Medicinal Chemistry, 2005, 1, 335-353. | 1.5 | 14 |
| 34 | An Exploration of the Potential of [4+2] Cycloadditions of Î±-Pyrones with Indenones for the Synthesis of the Norditerpenoid Tropone, Harringtonolide. Synlett, 2003, 2003, 1367. | 1.8 | 21 |