## Kendall N Houk

## List of Publications by Year in Descending Order

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

| 109                | 10,682                | 44                  | 103             |
|--------------------|-----------------------|---------------------|-----------------|
| papers             | citations             | h-index             | g-index         |
| 124<br>ext. papers | 12,290 ext. citations | <b>12.4</b> avg, IF | 6.39<br>L-index |

| #   | Paper  | IF              | Citations |
|-----|--|-----------------|-----------|
| 109 | Stereodivergent Attached-Ring Synthesis via Non-Covalent Interactions: A Short Formal Synthesis of Merrilactone A. <i>Angewandte Chemie</i> , <b>2022</b> , 134, e202114514  | 3.6             |           |
| 108 | Facile access to fused 2D/3D rings via intermolecular cascade dearomative [2 + 2] cycloaddition/rearrangement reactions of quinolines with alkenes. <i>Nature Catalysis</i> , <b>2022</b> , 5, 405-413   | 36.5            | 2         |
| 107 | Chiral Phosphoric Acid Catalyzed Conversion of Epoxides into Thiiranes: Mechanism, Stereochemical Model, and New Catalyst Design. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,   | 16.4            | 3         |
| 106 | Performance-limiting formation dynamics in mixed-halide perovskites. <i>Science Advances</i> , <b>2021</b> , 7, eabj17   | <b>799</b> .3   | 9         |
| 105 | Stereochemical Control via Chirality Pairing: Stereodivergent Syntheses of Enantioenriched Homoallylic Alcohols. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 24298-24308   | 3.6             | 3         |
| 104 | Stereochemical Control via Chirality Pairing: Stereodivergent Syntheses of Enantioenriched Homoallylic Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24096-24106  | 16.4            | 5         |
| 103 | Computational Exploration of Ambiphilic Reactivity of Azides and Sustmann's Paradigmatic Parabola. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 5792-5804   | 4.2             | 4         |
| 102 | Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8500-8504   | 16.4            | 12        |
| 101 | Photochemical intermolecular dearomative cycloaddition of bicyclic azaarenes with alkenes. <i>Science</i> , <b>2021</b> , 371, 1338-1345   | 33.3            | 29        |
| 100 | Catalytic mechanism and endo-to-exo selectivity reversion of an octalin-forming natural Diels Alderase. <i>Nature Catalysis</i> , <b>2021</b> , 4, 223-232   | 36.5            | 17        |
| 99  | Direct Synthesis of Ketones from Methyl Esters by Nickel-Catalyzed Suzuki <b>M</b> iyaura Coupling. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13588-13595  | 3.6             | 3         |
| 98  | Direct Synthesis of Ketones from Methyl Esters by Nickel-Catalyzed Suzuki-Miyaura Coupling. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13476-13483   | 16.4            | 6         |
| 97  | Origins of Endo Selectivity in Diels-Alder Reactions of Cyclic Allene Dienophiles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14989-14997  | 16.4            | 8         |
| 96  | Origins of Endo Selectivity in DielsAlder Reactions of Cyclic Allene Dienophiles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15116-15124  | 3.6             | 1         |
| 95  | Cycloaddition Cascades of Strained Alkynes and Oxadiazinones. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18349-   | 1 <u>\$</u> 856 | 1         |
| 94  | Die Evolution des Diels-Alder-Reaktionsmechanismus seit den 1930er Jahren: Woodward, Houk zusammen mit Woodward und der Einfluss der Computerchemie auf das Verstfidnis von Cycloadditionen. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12768-12790 | 3.6             | 4         |
| 93  | Evolution of the Diels-Alder Reaction Mechanism since the 1930s: Woodward, Houk with Woodward, and the Influence of Computational Chemistry on Understanding Cycloadditions.  Angewandte Chemie - International Edition, 2021, 60, 12660-12681         | 16.4            | 27        |

## (2018-2021)

| 92 | How the Lewis Base F Catalyzes the 1,3-Dipolar Cycloaddition between Carbon Dioxide and Nitrilimines. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 4320-4325   | 4.2            | 5   |
|----|---|----------------|-----|
| 91 | Metal-Free Directed Cℍ Borylation of Pyrroles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8581-8585  | 3.6            | 3   |
| 90 | Cycloaddition Cascades of Strained Alkynes and Oxadiazinones. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18201-18208  | 16.4           | 3   |
| 89 | Rolf Huisgen's Classic Studies of Cyclic Triene Diels-Alder Reactions Elaborated by Modern Computational Analysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12506-12519                                 | 16.4           | 2   |
| 88 | Rolf Huisgen's Classic Studies of Cyclic Triene DielsAlder Reactions Elaborated by Modern Computational Analysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12606-12619   | 3.6            | 1   |
| 87 | Understand the Specific Regio- and Enantioselectivity of Fluostatin Conjugation in the Post-Biosynthesis. <i>Biomolecules</i> , <b>2020</b> , 10,   | 5.9            | 5   |
| 86 | Chiral Phosphoric Acid Dual-Function Catalysis: Asymmetric Allylation with Evinyl Allylboron Reagents. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10540-10548   | 16.4           | 27  |
| 85 | Chiral Phosphoric Acid Dual-Function Catalysis: Asymmetric Allylation with Evinyl Allylboron Reagents. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10627-10635  | 3.6            | 9   |
| 84 | Synthetic, Mechanistic, and Biological Interrogation of Chemical Space En Route to (-)-Bilobalide.<br>Journal of the American Chemical Society, <b>2020</b> , 142, 18599-18618  | 16.4           | 20  |
| 83 | Enabling microbial syringol conversion through structure-guided protein engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 13970-13976                        | 11.5           | 22  |
| 82 | Enzyme-catalysed [6+4] cycloadditions in the biosynthesis of natural products. <i>Nature</i> , <b>2019</b> , 568, 122-1   | <b>25</b> 60.4 | 53  |
| 81 | Structural Distortion of Cycloalkynes Influences Cycloaddition Rates both by Strain and Interaction Energies. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 6342-6348   | 4.8            | 34  |
| 8o | autoDIAS: a python tool for an automated distortion/interaction activation strain analysis. <i>Journal of Computational Chemistry</i> , <b>2019</b> , 40, 2509-2515   | 3.5            | 13  |
| 79 | Constructive molecular configurations for surface-defect passivation of perovskite photovoltaics. <i>Science</i> , <b>2019</b> , 366, 1509-1513   | 33.3           | 434 |
| 78 | Metal-free directed sp-C-H borylation. <i>Nature</i> , <b>2019</b> , 575, 336-340   | 50.4           | 93  |
| 77 | Understanding the R882H mutation effects of DNA methyltransferase DNMT3A: a combination of molecular dynamics simulations and QM/MM calculations <i>RSC Advances</i> , <b>2019</b> , 9, 31425-31434                                 | 3.7            | 3   |
| 76 | John D. Roberts, his beginnings at UCLA, his transformation of physical organic chemistry, and his impact on science. <i>Journal of Physical Organic Chemistry</i> , <b>2018</b> , 31, e3810  | 2.1            |     |
| 75 | Influence of water and enzyme SpnF on the dynamics and energetics of the ambimodal [6+4]/[4+2] cycloaddition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E848-E855 | 11.5           | 45  |

| 74 | Computational Protocol to Understand P450 Mechanisms and Design of Efficient and Selective Biocatalysts. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 663   | 5    | 8   |
|----|---|------|-----|
| 73 | Mild Ring-Opening 1,3-Hydroborations of Non-Activated Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16861-16865   | 16.4 | 34  |
| 72 | Mild Ring-Opening 1,3-Hydroborations of Non-Activated Cyclopropanes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17103-17107  | 3.6  | 11  |
| 71 | A promiscuous cytochrome P450 aromatic O-demethylase for lignin bioconversion. <i>Nature Communications</i> , <b>2018</b> , 9, 2487   | 17.4 | 77  |
| 70 | Analyzing Reaction Rates with the Distortion/Interaction-Activation Strain Model. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 10070-10086  | 16.4 | 649 |
| 69 | Das Distortion/Interaction-Activation-Strain-Modell zur Analyse von Reaktionsgeschwindigkeiten. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 10204-10221   | 3.6  | 136 |
| 68 | Palladium-Catalyzed Suzuki-Miyaura Coupling of Aryl Esters. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 1311-1318  | 16.4 | 165 |
| 67 | Synthesis of [18F]Fluoroarenes by Nucleophilic Radiofluorination of N-Arylsydnones. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13186-13190   | 3.6  | 9   |
| 66 | Synthesis of [F]Fluoroarenes by Nucleophilic Radiofluorination of N-Arylsydnones. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13006-13010  | 16.4 | 32  |
| 65 | Investigation of Trimethyllysine Binding by the HP1 Chromodomain via Unnatural Amino Acid Mutagenesis. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 17253-17256                                   | 16.4 | 18  |
| 64 | Nickel-Catalyzed Activation of Acyl C-O Bonds of Methyl Esters. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 2810-4   | 16.4 | 115 |
| 63 | Reactivity of Single-Walled Carbon Nanotubes in the Diels-Alder Cycloaddition Reaction:<br>Distortion-Interaction Analysis along the Reaction Pathway. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 12819-24 | 4.8  | 20  |
| 62 | Solvent effects on polymer sorting of carbon nanotubes with applications in printed electronics.<br>Small, <b>2015</b> , 11, 126-33   | 11   | 57  |
| 61 | Involvement of Lipocalin-like CghA in Decalin-Forming Stereoselective Intramolecular [4+2] Cycloaddition. <i>ChemBioChem</i> , <b>2015</b> , 16, 2294-8   | 3.8  | 64  |
| 60 | Origins of stereoselectivity in evolved ketoreductases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E7065-72  | 11.5 | 76  |
| 59 | N-Type Conjugated Polymer-Enabled Selective Dispersion of Semiconducting Carbon Nanotubes for Flexible CMOS-Like Circuits. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1837-1844                             | 15.6 | 27  |
| 58 | High-yield sorting of small-diameter carbon nanotubes for solar cells and transistors. <i>ACS Nano</i> , <b>2014</b> , 8, 2609-17   | 16.7 | 82  |
| 57 | Competition between concerted and stepwise dynamics in the triplet di-Emethane rearrangement. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 8664-7   | 16.4 | 23  |

## (2011-2014)

| 56 | Competition Between Concerted and Stepwise Dynamics in the Triplet Di-EMethane Rearrangement. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 8808-8811   | 3.6             | 1   |
|----|---|-----------------|-----|
| 55 | Scalable and selective dispersion of semiconducting arc-discharged carbon nanotubes by dithiafulvalene/thiophene copolymers for thin film transistors. <i>ACS Nano</i> , <b>2013</b> , 7, 2659-68   | 16.7            | 79  |
| 54 | Aromatic Claisen Rearrangements of O-prenylated tyrosine and model prenyl aryl ethers: Computational study of the role of water on acceleration of Claisen rearrangements. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 2823            | 3.2             | 16  |
| 53 | Enantioselective homocrotylboration of aliphatic aldehydes. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 82-5   | 16.4            | 19  |
| 52 | Control of Hetero-Diels-Alder Stereoselectivity through Solvent Polarity and Britsted or Lewis Acid Catalysis; Theory and Experiment. <i>Synlett</i> , <b>2013</b> , 24, 2446-2450  | 2.2             | 1   |
| 51 | Brfisted acid catalyzed asymmetric propargylation of aldehydes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1391-4   | 16.4            | 108 |
| 50 | Enzymatic catalysis of anti-Baldwin ring closure in polyether biosynthesis. <i>Nature</i> , <b>2012</b> , 483, 355-8  | 50.4            | 96  |
| 49 | H12461. Fluorine as a Regiocontrol Element in the Ring Openings of Bicyclic Aziridiniums. <i>Helvetica Chimica Acta</i> , <b>2012</b> , 95, 2265-2277   | 2               | 11  |
| 48 | Iterative approach to computational enzyme design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3790-5   | 11.5            | 245 |
| 47 | Dynamics, transition states, and timing of bond formation in Diels-Alder reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 12860-5   | 11.5            | 144 |
| 46 | Forming tertiary organolithiums and organocuprates from nitrile precursors and their bimolecular reactions with carbon electrophiles to form quaternary carbon stereocenters. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9581-6     | 16.4            | 17  |
| 45 | Engineering synthetic recursive pathways to generate non-natural small molecules. <i>Nature Chemical Biology</i> , <b>2012</b> , 8, 518-26  | 11.7            | 46  |
| 44 | Bridging the gaps in design methodologies by evolutionary optimization of the stability and proficiency of designed Kemp eliminase KE59. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 10358-63 | 11.5            | 174 |
| 43 | Brfisted Acid Catalyzed Asymmetric Propargylation of Aldehydes. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 1420  | - <u>3,4</u> 23 | 38  |
| 42 | Pericyclic Cascade with Chirality Transfer: Reaction Pathway and Origin of Enantioselectivity of the Hetero-Claisen Approach to Oxindoles. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 11680-11684  | 3.6             | 1   |
| 41 | Pericyclic cascade with chirality transfer: reaction pathway and origin of enantioselectivity of the hetero-Claisen approach to oxindoles. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11478-82                                      | 16.4            | 37  |
| 40 | Axial preferences in allylations via the Zimmerman-Traxler transition state. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 8000-4   | 4.8             | 28  |
| 39 | Facilitating e-Science Discovery Using Scientific Workflows on the Grid. <i>Computer Communications and Networks</i> , <b>2011</b> , 353-382  | 0.5             | 2   |

| 38 | Computational design of an enzyme catalyst for a stereoselective bimolecular Diels-Alder reaction. <i>Science</i> , <b>2010</b> , 329, 309-13  | 33.3 | 652 |
|----|--|------|-----|
| 37 | Theoretical enzyme design using the Kepler scientific workflows on the Grid. <i>Procedia Computer Science</i> , <b>2010</b> , 1, 1175-1184   | 1.6  | 5   |
| 36 | Cycloaddition reactions of butadiene and 1,3-dipoles to curved arenes, fullerenes, and nanotubes: theoretical evaluation of the role of distortion energies on activation barriers. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 13219-31 | 4.8  | 91  |
| 35 | A hierarchy of homodesmotic reactions for thermochemistry. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2547-60  | 16.4 | 418 |
| 34 | Kemp elimination catalysts by computational enzyme design. <i>Nature</i> , <b>2008</b> , 453, 190-5  | 50.4 | 977 |
| 33 | De novo computational design of retro-aldol enzymes. <i>Science</i> , <b>2008</b> , 319, 1387-91   | 33.3 | 892 |
| 32 | Fluorine-directed diastereoselective iodocyclizations. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 357-60   | 16.4 | 42  |
| 31 | Bifurcations on potential energy surfaces of organic reactions. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 7592-601  | 16.4 | 262 |
| 30 | Sources of error in DFT computations of C-C bond formation thermochemistries: pi>sigma transformations and error cancellation by DFT methods. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 7746-9                              | 16.4 | 148 |
| 29 | The concept of protobranching and its many paradigm shifting implications for energy evaluations. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 7731-44  | 4.8  | 173 |
| 28 | The origin of the halogen effect on reactivity and reversibility of Diels-Alder cycloadditions involving furan. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1442-5  | 16.4 | 84  |
| 27 | The Origin of the Halogen Effect on Reactivity and Reversibility of DielsAlder Cycloadditions Involving Furan. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1470-1473   | 3.6  | 16  |
| 26 | Structures and stabilities of diacetylene-expanded polyhedranes by quantum mechanics and molecular mechanics. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 1671-8   | 4.2  | 31  |
| 25 | Theoretical reduction potentials for nitrogen oxides from CBS-QB3 energetics and (C)PCM solvation calculations. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 4024-8  | 5.1  | 67  |
| 24 | The chemistry and biology of nitroxyl (HNO): a chemically unique species with novel and important biological activity. <i>ChemBioChem</i> , <b>2005</b> , 6, 612-9   | 3.8  | 81  |
| 23 | The influence of constitutional isomerism and change on molecular recognition processes. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 5406-21   | 4.8  | 27  |
| 22 | Bindungsaffinitten von Wirt-Gast-, Protein-Ligand- und Protein-Bergangszustands-Komplexen. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 5020-5046   | 3.6  | 71  |
| 21 | The reduction potential of nitric oxide (NO) and its importance to NO biochemistry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 10958-63  | 11.5 | 287 |

| 20 | A Convergent Strategy for the Asymmetric Synthesis of Enantiomerically Pure Bicyclic Compounds by Using a Silicon-Directed Cycloaddition Reaction: The Synthesis of Enantiomerically Pure Bicyclo.  Angewandte Chemie - International Edition, 1999, 38, 2728-2730 | 16.4           | 28  |
|----|--|----------------|-----|
| 19 | Structural basis for antibody catalysis of a disfavored ring closure reaction. <i>Biochemistry</i> , <b>1999</b> , 38, 7062  | 2- <b>3.4</b>  | 55  |
| 18 | Evolution of shape complementarity and catalytic efficiency from a primordial antibody template. <i>Science</i> , <b>1999</b> , 286, 2345-8  | 33.3           | 106 |
| 17 | Theozymes and compuzymes: theoretical models for biological catalysis. <i>Current Opinion in Chemical Biology</i> , <b>1998</b> , 2, 743-50  | 9.7            | 196 |
| 16 | Thermodynamic and Quantum Chemical Study of the Conversion of Chorismate to (Pyruvate + 4-Hydroxybenzoate). <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 8634-8639  | 3.4            | 19  |
| 15 | An antibody exo Diels-Alderase inhibitor complex at 1.95 angstrom resolution. <i>Science</i> , <b>1998</b> , 279, 1934   | - <b>49</b> .3 | 127 |
| 14 | Thermodynamics of the Conversion of Chorismate to Prephenate: Experimental Results and Theoretical Predictions. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 10976-10982  | 3.4            | 53  |
| 13 | Palladiumkomplexe der neuen Porphyrinisomere (Z)- und (E)-Isoporphycen IPdII-induzierte Cyclisierungen von Tetrapyrrolaldehyden. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 363-367   | 3.6            | 14  |
| 12 | Polyether Catalysis of Ester Aminolysis 🖟 Computational and Experimental Study. <i>Liebigs Annalen</i> , <b>1996</b> , 1996, 1511-1522   |                | 42  |
| 11 | Pericyclic Reaction Transition States: Passions and Punctilios, 1935-1995. <i>Accounts of Chemical Research</i> , <b>1995</b> , 28, 81-90  | 24.3           | 558 |
| 10 | From Porphyrin Isomers to Octapyrrolic <b>H</b> igure Eight[Macrocycles. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 2511-2514   |                | 143 |
| 9  | Transition Structures of the Electrocyclic Reactions of cis,cis,cis-1,3,5-Cyclooctatriene. <i>Israel Journal of Chemistry</i> , <b>1993</b> , 33, 287-293  | 3.4            | 11  |
| 8  | Transition Structures of Hydrocarbon Pericyclic Reactions. <i>Angewandte Chemie International Edition in English</i> , <b>1992</b> , 31, 682-708   |                | 512 |
| 7  | Bergangsstrukturen in pericyclischen Reaktionen von Kohlenwasserstoffen. <i>Angewandte Chemie</i> , <b>1992</b> , 104, 711-739   | 3.6            | 85  |
| 6  | Unexpected regioselectivity in the reductive cleavage of epoxides: a theoretical rationalization.<br>Journal of the American Chemical Society, <b>1989</b> , 111, 8976-8978  | 16.4           | 39  |
| 5  | Transition structures for the allylboration reactions of formaldehyde by allylborane and allylboronic acid. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 1236-1240   | 16.4           | 72  |
| 4  | EDrbital Interactions in MBius-Type Molecules as Studied by Photoelectron Spectroscopy.<br>Helvetica Chimica Acta, <b>1982</b> , 65, 1743-1751   | 2              | 27  |
| 3  | Theoretical and experimental insights into cycloaddition reactions <b>1979</b> , 1-40  |                | 39  |

Nitrone Ionization Potentials and Cycloaddition Regioselectivities. *Heterocycles*, **1977**, 7, 293

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Frontier molecular orbital theory of cycloaddition reactions. Accounts of Chemical Research, 1975, 8,  $361_{2369}$  619