

# Jayaraman Sivaguru

## List of Publications by Year in descending order

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118  
papers

4,126  
citations

126907

33  
h-index

123424

61  
g-index

138  
all docs

138  
docs citations

138  
times ranked

3471  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Nonbiaryl and Heterobiaryl Atropisomers: Molecular Templates with Promise for Atropselective Chemical Transformations. <i>Chemical Reviews</i> , 2015, 115, 11239-11300.   | 47.7 | 517       |
| 2  | Supramolecular Photochemistry as a Potential Synthetic Tool: Photocycloaddition. <i>Chemical Reviews</i> , 2016, 116, 9914-9993.   | 47.7 | 350       |
| 3  | Supramolecular photocatalysis: combining confinement and non-covalent interactions to control light initiated reactions. <i>Chemical Society Reviews</i> , 2014, 43, 4084.   | 38.1 | 180       |
| 4  | Asymmetric Photoreactions within Zeolites: Role of Confinement and Alkali Metal Ions. <i>Accounts of Chemical Research</i> , 2003, 36, 509-521.  | 15.6 | 168       |
| 5  | From Containers to Catalysts: Supramolecular Catalysis within Cucurbiturils. <i>Chemistry - A European Journal</i> , 2012, 18, 12178-12190.  | 3.3  | 159       |
| 6  | Enantioselective Organo Photocatalysis Mediated by Atropisomeric Thiourea Derivatives. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5604-5608.   | 13.8 | 159       |
| 7  | Programmed Photodegradation of Polymeric/Oligomeric Materials Derived from Renewable Bioresources. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1159-1163.   | 13.8 | 104       |
| 8  | Cobaloxime Catalysis: Selective Synthesis of Alkenylphosphine Oxides under Visible Light. <i>Journal of the American Chemical Society</i> , 2019, 141, 13941-13947.  | 13.7 | 93        |
| 9  | Supramolecular photocatalysis by confinement photodimerization of coumarins within cucurbit[8]urils. <i>Chemical Communications</i> , 2010, 46, 225-227.   | 4.1  | 92        |
| 10 | Photochemical type II reaction of atropchiral benzoylformamides to point chiral oxazolidin-4-ones. Axial chiral memory leading to enantiomeric resolution of photoproducts. <i>Chemical Communications</i> , 2010, 46, 4791.                     | 4.1  | 87        |
| 11 | Tailoring Atropisomeric Maleimides for Stereospecific [2 + 2] Photocycloaddition Photochemical and Photophysical Investigations Leading to Visible-Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 8729-8737. | 13.7 | 80        |
| 12 | Manipulating Photochemical Reactivity of Coumarins within Cucurbituril Nanocavities. <i>Organic Letters</i> , 2008, 10, 3339-3342.   | 4.6  | 76        |
| 13 | Enantiospecific Photochemical Norrish/Yang Type II Reaction of Nonbiaryl Atropchiral $\beta$ -Oxoamides in Solution Axial to Point Chirality Transfer. <i>Journal of the American Chemical Society</i> , 2009, 131, 11314-11315.                 | 13.7 | 75        |
| 14 | Supramolecular photocatalysis: insights into cucurbit[8]uril catalyzed photodimerization of 6-methylcoumarin. <i>Chemical Communications</i> , 2011, 47, 6323.   | 4.1  | 75        |
| 15 | Use of Chirally Modified Zeolites and Crystals in Photochemical Asymmetric Synthesis. <i>Journal of the American Chemical Society</i> , 2002, 124, 2858-2859.  | 13.7 | 72        |
| 16 | Light-Induced Transfer of Molecular Chirality in Solution: Enantiospecific Photocyclization of Molecularly Chiral Acrylanilides. <i>Journal of the American Chemical Society</i> , 2009, 131, 5036-5037.   | 13.7 | 63        |
| 17 | Realizing an Aza Patern $\beta$ chi Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7056-7061.  | 13.8 | 61        |
| 18 | The Reaction of Singlet Oxygen with Enecarbamates: A Mechanistic Playground for Investigating Chemoselectivity, Stereoselectivity, and Vibratiosselectivity of Photooxidations. <i>Accounts of Chemical Research</i> , 2008, 41, 387-400.        | 15.6 | 60        |

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|----|---|------|-----------|
| 19 | Singlet Oxygen Mediated Oxidation of Olefins within Zeolites: Selectivity and Complexities. <i>Tetrahedron</i> , 2000, 56, 6927-6943.   | 1.9  | 58        |
| 20 | Temperature and Solvent Control of the Stereoselectivity in the Reactions of Singlet Oxygen with Oxazolidinone-Substituted Enecarbamates. <i>Journal of the American Chemical Society</i> , 2004, 126, 10498-10499.   | 13.7 | 54        |
| 21 | Enantioselective Organo $\phi$ Photocatalysis Mediated by Atropisomeric Thiourea Derivatives. <i>Angewandte Chemie</i> , 2014, 126, 5710-5714.  | 2.0  | 54        |
| 22 | Stereocontrol within Confined Spaces: $\hat{A}$ Enantioselective Photooxidation of Enecarbamates Inside Zeolite Supercages. <i>Journal of the American Chemical Society</i> , 2004, 126, 10816-10817.   | 13.7 | 49        |
| 23 | Taming the excited state reactivity of imines $\hat{A}$ from non-radiative decay to aza Patern $\hat{A}$ $\hat{B}$ $\hat{C}$ $\hat{D}$ chi reaction. <i>Chemical Society Reviews</i> , 2021, 50, 1617-1641.   | 38.1 | 49        |
| 24 | Evaluating Thiourea Architecture for Intramolecular [2+2] $\hat{A}$ Photocycloaddition of $\hat{A}$ Alkenylcoumarins. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2763-2768.   | 4.3  | 47        |
| 25 | Transposed Patern $\hat{A}$ $\hat{B}$ $\hat{C}$ $\hat{D}$ chi Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 655-662.   | 13.7 | 47        |
| 26 | Tale of Twisted Molecules. Atropselective Photoreactions: Taming Light Induced Asymmetric Transformations through Non-biaryl Atropisomers. <i>Accounts of Chemical Research</i> , 2016, 49, 2713-2724.  | 15.6 | 45        |
| 27 | Reactive spin state dependent enantiospecific photocyclization of axially chiral $\hat{I}$ $\pm$ -substituted acrylanilides. <i>Chemical Communications</i> , 2011, 47, 2568-2570.  | 4.1  | 44        |
| 28 | Regiodivergent Photocyclization of Dearomatized Acylphloroglucinols: Asymmetric Syntheses of ( $\hat{A}$ $\hat{B}$ $\hat{C}$ $\hat{D}$ $\hat{E}$ $\hat{F}$ $\hat{G}$ $\hat{H}$ $\hat{I}$ $\hat{J}$ $\hat{K}$ $\hat{L}$ $\hat{M}$ $\hat{N}$ $\hat{O}$ $\hat{P}$ $\hat{Q}$ $\hat{R}$ $\hat{S}$ $\hat{T}$ $\hat{U}$ $\hat{V}$ $\hat{W}$ $\hat{X}$ $\hat{Y}$ $\hat{Z}$ )-Nemorosone and ( $\hat{A}$ $\hat{B}$ $\hat{C}$ $\hat{D}$ $\hat{E}$ $\hat{F}$ $\hat{G}$ $\hat{H}$ $\hat{I}$ $\hat{J}$ $\hat{K}$ $\hat{L}$ $\hat{M}$ $\hat{N}$ $\hat{O}$ $\hat{P}$ $\hat{Q}$ $\hat{R}$ $\hat{S}$ $\hat{T}$ $\hat{U}$ $\hat{V}$ $\hat{W}$ $\hat{X}$ $\hat{Y}$ $\hat{Z}$ )-6- <i>epi</i> -Garcimultiflorone A. <i>Journal of the American Chemical Society</i> , 2019, 141, 11315-11321. | 13.7 | 43        |
| 29 | Direct measurement of the singlet oxygen lifetime in zeolites by near-IR phosphorescence. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 403.   | 2.9  | 37        |
| 30 | Life cycle assessment of photodegradable polymeric material derived from renewable bioresources. <i>Journal of Cleaner Production</i> , 2017, 142, 2935-2944.   | 9.3  | 37        |
| 31 | Photodimerization and complexation dynamics of coumarins in the presence of cucurbit[8]urils. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1473-1479.   | 2.9  | 36        |
| 32 | Enhanced Diastereoselectivity via Confinement: $\hat{A}$ Photoisomerization of 2,3-Diphenylcyclopropane-1-carboxylic Acid Derivatives within Zeolites. <i>Journal of Organic Chemistry</i> , 2004, 69, 6533-6547.   | 3.2  | 34        |
| 33 | Light-Induced Enantiospecific $\hat{A}$ Ring Closure of Axially Chiral 2-Pyridones: Enthalpic and Entropic Effects Promoted by H-Bonding. <i>Journal of the American Chemical Society</i> , 2011, 133, 17106-17109.   | 13.7 | 34        |
| 34 | Evaluating brominated thioxanones as organo $\phi$ photocatalysts. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3738.  | 1.9  | 33        |
| 35 | Cation $\hat{A}$ $\hat{B}$ $\hat{C}$ $\hat{D}$ interactions as a tool to enhance the power of a chiral auxiliary during asymmetric photoreactions within zeolites. <i>Chemical Communications</i> , 2003, , 116-117.  | 4.1  | 31        |
| 36 | Intramolecular Patern $\hat{A}$ $\hat{B}$ $\hat{C}$ $\hat{D}$ chi reaction of atropisomeric $\hat{I}$ $\pm$ -oxoamides in solution and in the solid-state. <i>Chemical Communications</i> , 2013, 49, 8713.   | 4.1  | 30        |

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|----|--|------|-----------|
| 37 | Light-induced stereospecific intramolecular [2+2]-cycloaddition of atropisomeric 3,4-dihydro-2-pyridones. <i>Chemical Communications</i> , 2013, 49, 4346-4348.  | 4.1  | 30        |
| 38 | Photophysical aspects of 6-methylcoumarin@cucurbit[8]uril host-guest complexes. <i>Canadian Journal of Chemistry</i> , 2011, 89, 310-316.  | 1.1  | 29        |
| 39 | The influence of chiral auxiliaries is enhanced within zeolites. <i>Tetrahedron Letters</i> , 2000, 41, 8231-8235.   | 1.4  | 28        |
| 40 | Enhanced Diastereoselectivity via Confinement: Diastereoselective Photoisomerization of 2,3-Diphenyl-1-benzoylcyclopropane Derivatives within Zeolites. <i>Journal of Organic Chemistry</i> , 2004, 69, 5528-5536.                         | 3.2  | 28        |
| 41 | Stereoselective Photooxidation of Enecarbamates: Reactivity of Ozone vs Singlet Oxygen. <i>Organic Letters</i> , 2005, 7, 2089-2092.   | 4.6  | 28        |
| 42 | Enantio- and Diastereodifferentiating cis,trans-Photoisomerization of 2,3-Diphenylcyclopropane-1-carboxylic Acid Derivatives in Organized Media. <i>Organic Letters</i> , 2000, 2, 2801-2804.  | 4.6  | 26        |
| 43 | Light-Induced Geometric Isomerization of 1,2-Diphenylcyclopropanes Included within Y Zeolites: Role of Cation Guest Binding. <i>Journal of Organic Chemistry</i> , 2002, 67, 8711-8720.  | 3.2  | 26        |
| 44 | Enantiospecific Photochemical Transformations under Elevated Pressure. <i>Chemistry - A European Journal</i> , 2013, 19, 4327-4334.  | 3.3  | 26        |
| 45 | Organophotocatalysis: Insights into the Mechanistic Aspects of Thiourea-Mediated Intermolecular [2+2]-Photocycloadditions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5446-5451.   | 13.8 | 26        |
| 46 | Synthesis of silicon quantum dots using cyclohexasilane (Si <sub>6</sub> H <sub>12</sub> ). <i>Journal of Materials Chemistry C</i> , 2016, 4, 8206-8213.  | 5.5  | 26        |
| 47 | Total Syntheses of the Isomeric Aglain Natural Products Foveoglin A and Perviridin B: Selective Excited-State Intramolecular Proton Transfer Photocycloaddition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14479-14482. | 13.8 | 26        |
| 48 | Origin of stretched-exponential photoluminescence relaxation in size-separated silicon nanocrystals. <i>AIP Advances</i> , 2017, 7, 055314.  | 1.3  | 24        |
| 49 | Realizing the Photoene Reaction with Alkenes under Visible Light Irradiation and Bypassing the Favored [2 + 2]-Photocycloaddition. <i>Journal of the American Chemical Society</i> , 2018, 140, 13185-13189.                               | 13.7 | 22        |
| 50 | Photocyclization of O-tert-butylacrylanilides. N-substitution dictates the regiochemistry of cyclization. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 751-754.  | 2.9  | 21        |
| 51 | Cucurbiturils as Reaction Containers for Photocycloaddition of Olefins. <i>Israel Journal of Chemistry</i> , 2018, 58, 264-275.  | 2.3  | 21        |
| 52 | Dictating Photoreactivity through Restricted Bond Rotations: Cross-Photoaddition of Atropisomeric Acrylimide Derivatives under UV/Visible-Light Irradiation. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10596-10602.              | 2.5  | 20        |
| 53 | Use of a confined space (zeolite) in enantio- and diastereo-selective photoreactions. <i>Microporous and Mesoporous Materials</i> , 2001, 48, 319-328.   | 4.4  | 19        |
| 54 | Reactive-State Spin-Dependent Diastereoselective Photoisomerization of trans,trans-2,3-Diphenylcyclopropane-1-carboxylic Acid Derivatives Included in Zeolites. <i>Organic Letters</i> , 2002, 4, 4221-4224.                               | 4.6  | 19        |

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|----|---|------|-----------|
| 55 | Enantiospecific photochemical 6i€-ring closure of $\hat{\pm}$ -substituted atropisomeric acrylanilidesâ€“role of alkali metal ions. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 141-144.  | 2.9  | 19        |
| 56 | Control of Chirality by Cations in Confined Spaces: Photooxidation of Enecarbamates Inside Zeolite Supercagesâ€. <i>Photochemistry and Photobiology</i> , 2006, 82, 123.  | 2.5  | 18        |
| 57 | Fun with Photons: Selective Light Induced Reactions in Solution and in Water Soluble Nano-containers. <i>Chimia</i> , 2011, 65, 202.  | 0.6  | 18        |
| 58 | Uncovering New Excited State Photochemical Reactivity by Altering the Course of the De Mayo Reaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 3677-3681.   | 13.7 | 17        |
| 59 | Photoreactions with a Twist: Atropisomerismâ€Driven Divergent Reactivity of Enones with UV and Visible Light. <i>Chemistry - A European Journal</i> , 2016, 22, 11339-11348.  | 3.3  | 16        |
| 60 | Realizing an Aza PaternÃ²â€BÃ¼chi Reaction. <i>Angewandte Chemie</i> , 2017, 129, 7162-7167.  | 2.0  | 16        |
| 61 | Confined space and cations enhance the power of a chiral auxiliary: photochemistry of 1,2-diphenylcyclopropane derivativesElectronic supplementary information (ESI) available: experimental details of irradiation, extraction and analysis of products, and representative synthesis and spectral data of reactant cis and product trans isomers; total number of pages 21. See <a href="https://www.rsc.org/journals-books-databases/titles/20064014">https://www.rsc.org/journals-books-databases/titles/20064014</a> . <i>Chemical Communications</i> , 2002, 830-831. | 4.1  | 15        |
| 62 | Conformationally controlled (entropy effects), stereoselective vibrational quenching of singlet oxygen in the oxidative cleavage of oxazolidinone-functionalized enecarbamates through solvent and temperature variations. <i>Tetrahedron</i> , 2006, 62, 6707-6717.  | 1.9  | 15        |
| 63 | Evaluating thiourea/urea catalyst for enantioselective 6i€-photocyclization of acrylanilides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 84-88.  | 3.9  | 15        |
| 64 | Mechanism of photoisomerization of optically pure trans-2,3-diphenylcyclopropane-1-carboxylic acid derivatives. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 119.   | 2.9  | 14        |
| 65 | A comparative mechanistic analysis of the stereoselectivity trends observed in the oxidation of chiral oxazolidinone-functionalized enecarbamates by singlet oxygen, ozone, and triazolinedione. <i>Tetrahedron</i> , 2006, 62, 10647-10659.  | 1.9  | 14        |
| 66 | Photochemistry of Atropisomers: Non-biaryl Atropisomers for Stereospecific Phototransformations. <i>Chemistry Letters</i> , 2014, 43, 1816-1825.  | 1.3  | 14        |
| 67 | Photolysis of glutaraldehyde in brine: A showcase study for removal of a common biocide in oil and gas produced water. <i>Journal of Hazardous Materials</i> , 2018, 353, 254-260.  | 12.4 | 14        |
| 68 | Energy Transfer Catalysis by Visible Light: Atropâ€and Regioâ€Selective Intermolecular [2+2]â€Photocycloaddition of Maleimide with Alkenes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1478-1481.   | 2.4  | 14        |
| 69 | Photoisomerization of 2,3-diphenylcyclopropane-1-carboxylic acid derivativesThis paper is dedicated to Professor Fred Lewis on the event of his 60th birthday.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1101.  | 2.9  | 13        |
| 70 | Zeolite-coated quartz fibers as media for photochemical and photophysical studies. <i>Chemical Communications</i> , 2002, , 596-597.  | 4.1  | 12        |
| 71 | Enantiospecific 6i€-photocyclization of atropisomeric $\hat{\pm}$ -substituted acrylanilides in the solid-state: role of crystalline confinement on enantiospecificity. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1380-1383.  | 2.9  | 12        |
| 72 | Metal-Free Visible Light-Mediated Photocatalysis: Controlling Intramolecular [2 + 2] Photocycloaddition of Enones through Axial Chirality. <i>Journal of Organic Chemistry</i> , 2016, 81, 7191-7200.   | 3.2  | 12        |

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|----|---|------|-----------|
| 73 | Synthesis of Silica-Coated Magnetic Hydroxyapatite Composites for Drug Delivery Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1951-1958.   | 0.9  | 12        |
| 74 | Achieving Enantio and Diastereoselectivities in Photoreactions Through the Use of a Confined Space. , 2002, , 159-188.  |      | 12        |
| 75 | A sustainable solution for removal of glutaraldehyde in saline water with visible light photocatalysis. <i>Chemosphere</i> , 2019, 220, 1083-1090.  | 8.2  | 10        |
| 76 | Diamine Functionalized Cubic Mesoporous Silica for Ibuprofen Controlled Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4784-4791.   | 0.9  | 9         |
| 77 | Towards Upcycling Biomassâ€Derived Crosslinked Polymers with Light. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .  | 13.8 | 9         |
| 78 | Engaging electronic effects for atropselective [5+2]-photocycloaddition of maleimides. <i>Chemical Communications</i> , 2016, 52, 8305-8308.  | 4.1  | 8         |
| 79 | A photo-auxiliary approach â€ enabling excited state classical phototransformations with metal free visible light irradiation. <i>Chemical Communications</i> , 2017, 53, 1692-1695.  | 4.1  | 8         |
| 80 | Organophotocatalysis: Insights into the Mechanistic Aspects of Thioureaâ€Mediated Intermolecular [2+2]â€Photocycloadditions. <i>Angewandte Chemie</i> , 2016, 128, 5536-5541.   | 2.0  | 7         |
| 81 | Stereoselective E/Z photoisomerization of oxazolidinone functionalized enecarbamates: direct and triplet sensitized irradiation. <i>Chemical Communications</i> , 2005, , 3424.   | 4.1  | 6         |
| 82 | Controlled diastereoselectivity at the alkene-geometry through selective encapsulation: E-Zphotoisomerization of oxazolidinone-functionalized enecarbamates within hydrophobic nano-cavities. <i>Chemical Communications</i> , 2007, , 819-821. | 4.1  | 6         |
| 83 | Photodegradation of (E)- and (Z)-Endoxifen in water by ultraviolet light: Efficiency, kinetics, by-products, and toxicity assessment. <i>Water Research</i> , 2020, 171, 115451.  | 11.3 | 6         |
| 84 | Monocrotophos toxicity and bioenergetics of muscle weakness in the rat. <i>Toxicology</i> , 2010, 277, 6-10.  | 4.2  | 5         |
| 85 | Decoding Stereocontrol During the Photooxygenation of Oxazolidinone-Functionalized Enecarbamates. <i>Organic Letters</i> , 2010, 12, 2142-2145.   | 4.6  | 5         |
| 86 | Evaluating photodimerization of 6-methylcoumarin mediated by cucurbit[8]uril through mechanical grinding â€ Supramolecular effects of additives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 255, 10-15.             | 3.9  | 5         |
| 87 | Photoacidity of vanillin derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 38-41.  | 3.9  | 5         |
| 88 | Manipulating excited state reactivity and selectivity through hydrogen bonding â€ from solid state reactivity to Brønsted acid photocatalysis. <i>Chemical Communications</i> , 2022, 58, 1871-1880.  | 4.1  | 4         |
| 89 | Using Restricted Bond Rotations to Enforce Excited-State Behavior of Organic Molecules. <i>Synlett</i> , 2022, 33, 1123-1134.   | 1.8  | 4         |
| 90 | Vibrational deactivation of singlet oxygen: does it play a role in stereoselectivity during photooxygenation?. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 531.  | 2.9  | 3         |

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|-----|---|-----|-----------|
| 91  | Physical and chemical quenching rates and their influence on stereoselective photooxygenation of oxazolidinone-functionalized enecarbamates. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 912-915.              | 2.9 | 3         |
| 92  | Conjugate addition from the excited state. <i>Chemical Communications</i> , 2018, 54, 11021-11024.  | 4.1 | 3         |
| 93  | Understanding Conformational Preferences of Atropisomeric Hydrazides and Its Influence on Excited State Transformations in Crystalline Media. <i>Molecules</i> , 2019, 24, 3001.  | 3.8 | 3         |
| 94  | Photo-auxiliary approach to control excited state reactivity: Cross [2+2]-photocycloaddition of oxazolidinone based hydrazides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111883.             | 3.9 | 3         |
| 95  | Chemoselective Photoreaction of Enamides: Divergent Reactivity towards [3+2] vs [1,4] Paternò-Büchi Reaction. <i>Photochemistry and Photobiology</i> , 2021, 97, 1391-1396.   | 2.5 | 3         |
| 96  | A Sustainable Rural Food-Energy-Water Nexus Framework for the Northern Great Plains. <i>Agricultural and Environmental Letters</i> , 2016, 1, 160008.   | 1.2 | 2         |
| 97  | Total Syntheses of the Isomeric Aglain Natural Products Foveoglin A and Perviridisin B: Selective Excited State Intramolecular Proton Transfer Photocycloaddition. <i>Angewandte Chemie</i> , 2017, 129, 14671-14674.           | 2.0 | 2         |
| 98  | Towards Upcycling Biomass-Derived Crosslinked Polymers with Light. <i>Angewandte Chemie</i> , 2022, 134, .  | 2.0 | 2         |
| 99  | Isolation and syn Elimination of a Peterson Adduct to Obtain Optically Pure Product in the Diastereoselective Synthesis of Oxazolidinone- Functionalized Enecarbamates. <i>Letters in Organic Chemistry</i> , 2009, 6, 362-366. | 0.5 | 1         |
| 100 | Zeolite matrix assisted decomposition of singlet oxygen sensitizers during photooxidation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 197-205.   | 3.9 | 1         |
| 101 | Prof. R. Marshall Wilson (Oct 18, 1939 - Feb 20, 2020). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 393, 112453.   | 3.9 | 1         |
| 102 | Glutaraldehyde Removal from Flowback and Produced Waters using Photolysis. <i>Proceedings of the Water Environment Federation</i> , 2016, 2016, 2448-2457.  | 0.0 | 1         |
| 103 | Confined space and cations enhance the power of a chiral auxiliary: photochemistry of 1,2-diphenylcyclopropane derivatives. <i>Chemical Communications</i> , 2002, , 830-1.   | 4.1 | 1         |
| 104 | Keeping the name clean: [2+2] photocycloaddition. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 1333-1340.  | 2.9 | 1         |
| 105 | Cation-π Interactions as a Tool to Enhance the Power of a Chiral Auxiliary During Asymmetric Photoreactions within Zeolites. <i>ChemInform</i> , 2003, 34, no.  | 0.0 | 0         |
| 106 | Achieving Enantio- and Diastereoselectivities in Photoreactions Through the Use of a Confined Space. <i>ChemInform</i> , 2003, 34, no.  | 0.0 | 0         |
| 107 | Asymmetric Photoreactions within Zeolites: Role of Confinement and Alkali Metal Ions. <i>ChemInform</i> , 2003, 34, no.   | 0.0 | 0         |
| 108 | Organic Photochemistry Within Zeolites. , 2003, , .   |     | 0         |

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|-----|---|------|-----------|
| 109 | Organic Photochemistry within Zeolites: Selectivity Through Confinement. ChemInform, 2004, 35, no.  | 0.0  | 0         |
| 110 | Chiral Photochemistry Within Zeolites. ChemInform, 2005, 36, no.  | 0.0  | 0         |
| 111 | A tribute to Nicholas J. Turro "An icon of modern molecular photochemistry. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 271, 130-131.  | 3.9  | 0         |
| 112 | Frontispiece: Organophotocatalysis: Insights into the Mechanistic Aspects of Thiourea-Mediated Intermolecular [2+2]-Photocycloadditions. Angewandte Chemie - International Edition, 2016, 55, . | 13.8 | 0         |
| 113 | Frontispiz: Organophotocatalysis: Insights into the Mechanistic Aspects of Thiourea-Mediated Intermolecular [2+2]-Photocycloadditions. Angewandte Chemie, 2016, 128, .                          | 2.0  | 0         |
| 114 | Frontispiece: Realizing an Aza Patern-Büchi Reaction. Angewandte Chemie - International Edition, 2017, 56, .  | 13.8 | 0         |
| 115 | Frontispiz: Realizing an Aza Patern-Büchi Reaction. Angewandte Chemie, 2017, 129, .   | 2.0  | 0         |
| 116 | Photolytic fate of (E)- and (Z)-endoxifen in water and treated wastewater exposed to sunlight. Environmental Research, 2021, 197, 111121.   | 7.5  | 0         |
| 117 | Glutaraldehyde Removal from Produced Waters Using Visible Light Driven Photocatalysis. Proceedings of the Water Environment Federation, 2017, 2017, 5312-5331.                                  | 0.0  | 0         |
| 118 | Non-Biaryl Atropisomers: Anilides, Amides, Lactams, and Analogues with C-C and C-X Stereogenic Axes. , 2019, , 489-540.   |      | 0         |