

# Qing-Min Wang

## List of Publications by Citations

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|--------------------|-------------------------|----------------|-----------------|
| 250<br>papers      | 4,364<br>citations      | 35<br>h-index  | 46<br>g-index   |
| 272<br>ext. papers | 5,591<br>ext. citations | 4.9<br>avg, IF | 6.04<br>L-index |

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 250 | Synthesis and antiviral and fungicidal activity evaluation of $\beta$ -carboline, dihydro- $\beta$ -carboline, tetrahydro- $\beta$ -carboline alkaloids, and their derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 1010-8                                 | 5.7 | 98        |
| 249 | Synthesis and antiviral activities of phenanthroindolizidine alkaloids and their derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 2703-9   | 5.7 | 93        |
| 248 | Visible-light-mediated Minisci C-H alkylation of heteroarenes with unactivated alkyl halides using O as an oxidant. <i>Chemical Science</i> , <b>2019</b> , 10, 976-982  | 9.4 | 78        |
| 247 | Iron(III) chloride-based mild synthesis of phenanthrene and its application to total synthesis of phenanthroindolizidine alkaloids. <i>Tetrahedron</i> , <b>2008</b> , 64, 7504-7510   | 2.4 | 64        |
| 246 | Design, synthesis, and anti-tobacco mosaic virus (TMV) activity of phenanthroindolizidines and their analogues. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 10212-9  | 5.7 | 63        |
| 245 | Design, synthesis, and insecticidal activity of novel pyrazole derivatives containing $\beta$ -hydroxymethyl-N-benzyl carboxamide, $\beta$ -chloromethyl-N-benzyl carboxamide, and 4,5-dihydrooxazole moieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 1470-9 | 5.7 | 62        |
| 244 | Benzoylurea Chitin Synthesis Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 6847-65   | 5.7 | 60        |
| 243 | Design, synthesis, and insecticidal evaluation of new benzoylureas containing isoxazoline and isoxazole group. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 4851-9  | 5.7 | 58        |
| 242 | Photoredox-Mediated Direct Cross-Dehydrogenative Coupling of Heteroarenes and Amines. <i>Organic Letters</i> , <b>2018</b> , 20, 5661-5665   | 6.2 | 58        |
| 241 | Copper-catalyzed intramolecular trifluoromethylation of N-benzylacrylamides coupled with dearomatization: access to CF <sub>3</sub> -containing 2-azaspiro[4.5]decanes. <i>Organic Letters</i> , <b>2014</b> , 16, 3188-91   | 6.2 | 57        |
| 240 | Formyl-selective deuteration of aldehydes with D <sub>2</sub> O synergistic organic and photoredox catalysis. <i>Chemical Science</i> , <b>2019</b> , 11, 1026-1031  | 9.4 | 57        |
| 239 | Visible-Light-Induced Deoxygenation/Defluorination Protocol for Synthesis of $\alpha,\alpha$ -Difluoroallylic Ketones. <i>Organic Letters</i> , <b>2020</b> , 22, 709-713  | 6.2 | 54        |
| 238 | Design, synthesis, and antiviral, fungicidal, and insecticidal activities of tetrahydro- $\beta$ -carboline-3-carbohydrazide derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 9987-99  | 5.7 | 53        |
| 237 | Synthesis and herbicidal activity of 2-cyano-3-(2-chlorothiazol-5-yl)methylaminoacrylates. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 1918-22   | 5.7 | 53        |
| 236 | Design, synthesis, and biological activities of arylmethylamine substituted chlorotriazine and methylthiotriazine compounds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 11711-7   | 5.7 | 52        |
| 235 | Insecticidal benzoylphenylurea-S-carbamate: a new propesticide with two effects of both benzoylphenylureas and carbamates. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 2659-63   | 5.7 | 51        |
| 234 | Design, synthesis, and herbicidal activities of novel 2-cyanoacrylates containing isoxazole moieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 2685-9   | 5.7 | 50        |

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| 233 | Design, synthesis, and biological activities of novel 2-cyanoacrylates containing oxazole, oxadiazole, or quinoline moieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 2849-55   | 5.7  | 49 |
| 232 | Design, synthesis, and biological activities of aromatic gossypol Schiff base derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 11080-8  | 5.7  | 48 |
| 231 | Copper-mediated $\alpha$ -trifluoromethylation of N-phenylcinnamamides coupled with dearomatization: access to trifluoromethylated 1-azaspiro[4.5]decenes. <i>Organic Letters</i> , <b>2014</b> , 16, 5914-7  | 6.2  | 47 |
| 230 | Design, synthesis, bioactivity, and structure-activity relationship (SAR) studies of novel benzoylphenylureas containing oxime ether group. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 11376-91  | 5.7  | 47 |
| 229 | Visible-Light-Induced Copper-Catalyzed Decarboxylative Coupling of Redox-Active Esters with $\pi$ -Heteroarenes. <i>Organic Letters</i> , <b>2019</b> , 21, 5728-5732   | 6.2  | 46 |
| 228 | Visible-Light Photocatalysis of the Ketyl Radical Coupling Reaction. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 2949-2961  | 4.8  | 45 |
| 227 | Ketones and aldehydes as alkyl radical equivalents for C-H functionalization of heteroarenes. <i>Science Advances</i> , <b>2019</b> , 5, eaax9955   | 14.3 | 43 |
| 226 | Synthesis and herbicidal activity of 2-cyano-3-substituted-pyridinemethylaminoacrylates. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 5030-5   | 5.7  | 42 |
| 225 | Synthesis and antiviral, insecticidal, and fungicidal activities of gossypol derivatives containing alkylimine, oxime or hydrazine moiety. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 474-83   | 3.4  | 40 |
| 224 | Design, synthesis, and insecticidal evaluation of new pyrazole derivatives containing imine, oxime ether, oxime ester, and dihydroisoxazoline groups based on the inhibitor binding pocket of respiratory complex I. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 8730-6 | 5.7  | 40 |
| 223 | Dirigent Proteins from Cotton ( <i>Gossypium</i> sp.) for the Atropselective Synthesis of Gossypol. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14660-3  | 16.4 | 40 |
| 222 | Synthesis and SAR studies of phenanthroindolizidine and phenanthroquinolizidine alkaloids as potent anti-tumor agents. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 51, 250-8   | 6.8  | 39 |
| 221 | Design, synthesis, antiviral activity, and SARs of 14-aminophenanthroindolizidines. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 5825-31   | 5.7  | 38 |
| 220 | Various Bioactivity and Relationship of Structure-Activity of Matrine Analogues. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2039-2047  | 5.7  | 37 |
| 219 | Design, synthesis, anti-TMV, fungicidal, and insecticidal activity evaluation of 1,2,3,4-tetrahydro- $\beta$ -carboline-3-carboxylic acid derivatives based on virus inhibitors of plant sources. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 5228-33                   | 2.9  | 37 |
| 218 | Efficient and Chirally Specific Synthesis of Phenanthro-Indolizidine Alkaloids by Parham-Type Cycloacylation. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 292-299  | 3.2  | 36 |
| 217 | Discovery of Pimprinine Alkaloids as Novel Agents against a Plant Virus. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 1795-1806  | 5.7  | 35 |
| 216 | Synthesis, crystal structure, and biological activities of 2-cyanoacrylates containing furan or tetrahydrofuran moieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 3011-7  | 5.7  | 35 |

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| 215 | Electrochemical decarboxylative C3 alkylation of quinoxalin-2(1)-ones with $\alpha$ -hydroxyphthalimide esters. <i>Chemical Communications</i> , <b>2020</b> , 56, 11673-11676  | 5.8 | 35 |
| 214 | Marine-Natural-Product Development: First Discovery of Nortopsentin Alkaloids as Novel Antiviral, Anti-phytopathogenic-Fungus, and Insecticidal Agents. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 4062-4072   | 5.7 | 34 |
| 213 | Asymmetric synthesis of (R)-antofine and (R)-cryptopleurine via proline-catalyzed sequential $\alpha$ -aminoxylation and Horner-Wadsworth-Emmons olefination of aldehyde. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 7018-21   | 4.2 | 34 |
| 212 | Design, Synthesis, Acaricidal/Insecticidal Activity, and Structure-Activity Relationship Studies of Novel Oxazolines Containing Sulfone/Sulfoxide Groups Based on the Sulfonylurea Receptor Protein-Binding Site. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 3034-40 | 5.7 | 34 |
| 211 | Synthesis of gem-Difluorinated Spiro-Lactam Oxindoles by Visible-Light-Induced Consecutive Difluoromethylative Dearomatization, Hydroxylation, and Oxidation. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11283-11287   | 4.8 | 34 |
| 210 | A Novel Sodium Nitrite-Catalyzed Oxidative Coupling for Constructing Polymethoxyphenanthrene Rings. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 383-387  | 5.6 | 33 |
| 209 | Direct C-H Allylation of N-Acyl/Sulfonyl Tetrahydroisoquinolines and Analogues. <i>Organic Letters</i> , <b>2015</b> , 17, 5714-7   | 6.2 | 33 |
| 208 | Synthesis, larvicidal activity, and SAR studies of new benzoylphenylureas containing oxime ether and oxime ester group. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 4693-9  | 2.9 | 33 |
| 207 | Synthesis, herbicidal activities, and 3D-QSAR of 2-cyanoacrylates containing aromatic methylamine moieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 204-12  | 5.7 | 33 |
| 206 | Stereo- and Enantioselective Determination of Pesticides in Soil by Using Achiral and Chiral Liquid Chromatography in Combination with Matrix Solid-Phase Dispersion. <i>Journal of AOAC INTERNATIONAL</i> , <b>2003</b> , 86, 521-528  | 1.7 | 32 |
| 205 | Design, Synthesis, and Acaricidal/Insecticidal Activities of Oxazoline Derivatives Containing a Sulfur Ether Moiety. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 9690-5   | 5.7 | 31 |
| 204 | Therapeutic effects of a novel tylophorine analog, NK-007, on collagen-induced arthritis through suppressing tumor necrosis factor $\alpha$ production and Th17 cell differentiation. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2896-906  |     | 31 |
| 203 | Synthesis and insecticidal activities of novel N-sulphenyl-N-tert-butyl-N,N'-diacylhydrazines. 1. N-alkoxysulfenyl derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 9614-9  | 5.7 | 30 |
| 202 | Discovery of Topsentin Alkaloids and Their Derivatives as Novel Antiviral and Anti-phytopathogenic Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 9143-9151   | 5.7 | 29 |
| 201 | Mild and highly efficient metal-free oxidative $\alpha$ -cyanation of N-acyl/sulfonyl tetrahydroisoquinolines. <i>RSC Advances</i> , <b>2014</b> , 4, 60075-60078   | 3.7 | 29 |
| 200 | Copper-Catalyzed Trifluoromethylation and Bicyclizations of 1,7-Enynes Leading to Fused Polycycles. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 3435-3442  | 5.6 | 28 |
| 199 | First discovery and structure-activity relationship study of phenanthroquinolizidines as novel antiviral agents against tobacco mosaic virus (TMV). <i>PLoS ONE</i> , <b>2012</b> , 7, e52933   | 3.7 | 28 |
| 198 | Highly efficient synthesis of phenanthroquinolizidine alkaloids via Parham-type cyclacylation. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 1377-1379   | 2   | 28 |

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| 197 | Collective asymmetric synthesis of (-)-antofine, (-)-cryptopleurine, (-)-tylophorine, and (-)-tylocrebrine with tert-butanethioamide as a chiral auxiliary. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 3348-57   | 4.2 | 27 |
| 196 | Design, Synthesis, Acaricidal Activity, and Mechanism of Oxazoline Derivatives Containing an Oxime Ether Moiety. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 3064-3072  | 5.7 | 27 |
| 195 | Application of "hydrogen bonding interaction" in new drug development: design, synthesis, antiviral activity, and SARs of thiourea derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 1378-84   | 5.7 | 27 |
| 194 | Direct $\beta$ -Monofluoroalkenylation of Heteroatomic Alkanes via a Combination of Photoredox Catalysis and Hydrogen-Atom-Transfer Catalysis. <i>Organic Letters</i> , <b>2019</b> , 21, 4585-4589   | 6.2 | 26 |
| 193 | Direct and Oxidant-Free Electron-Deficient Arylation of N-Acyl-Protected Tetrahydroisoquinolines. <i>Organic Letters</i> , <b>2016</b> , 18, 4686-9   | 6.2 | 26 |
| 192 | Electro-oxidative C-H alkylation of quinoxalin-2(1H)-ones with organoboron compounds. <i>Green Chemistry</i> , <b>2021</b> , 23, 302-306  | 10  | 26 |
| 191 | Design, Synthesis, and Biological Activities of Spirooxindoles Containing Acylhydrazone Fragment Derivatives Based on the Biosynthesis of Alkaloids Derived from Tryptophan. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6508-16                                      | 5.7 | 25 |
| 190 | Design, synthesis, and antiviral activity evaluation of phenanthrene-based antofine derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 8544-51  | 5.7 | 25 |
| 189 | Synthesis and herbicidal activity of 2-cyano-3-(2-fluoro-5-pyridyl)methylaminoacrylates. <i>Journal of Fluorine Chemistry</i> , <b>2005</b> , 126, 345-348  | 2.1 | 25 |
| 188 | Visible-Light-Mediated Dearomatization/Cyanation Cascade Reaction of Indoles: Access to Highly Functionalized Spiro- $\beta$ -lactam Indolines with Two Contiguous Sterically Congested Quaternary Carbon Stereocenters. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2879-2884 | 5.6 | 25 |
| 187 | Visible-light-initiated manganese-catalyzed Giese addition of unactivated alkyl iodides to electron-poor olefins. <i>Chemical Communications</i> , <b>2019</b> , 55, 11707-11710  | 5.8 | 24 |
| 186 | Natural Products for Drug Discovery: Discovery of Gramines as Novel Agents against a Plant Virus. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 2148-2156   | 5.7 | 24 |
| 185 | Spatial Configuration and Three-Dimensional Conformation Directed Design, Synthesis, Antiviral Activity, and Structure-Activity Relationships of Phenanthroindolizidine Analogues. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2039-45                                | 5.7 | 24 |
| 184 | Design, synthesis, antiviral activity, and SARs of 13a-substituted phenanthroindolizidine alkaloid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 2881-4  | 2.9 | 24 |
| 183 | Copper-Catalyzed Trifluoromethylation of Acrylamides Coupled with Indole Dearomatization: Access to Trifluoromethyl-Substituted Spiro[indole-3,3'-pyrrolidine] Derivatives. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 561-566  | 5.6 | 24 |
| 182 | Copper-Catalyzed Aerobic Oxidative [2 + 3] Cyclization/Aromatization Cascade Reaction: Atom-Economical Access to Tetrasubstituted 4,5-Biscarbonyl Imidazoles. <i>Organic Letters</i> , <b>2017</b> , 19, 6056-6059  | 6.2 | 23 |
| 181 | Sulfoxonium Ylides as Carbene Precursors: Rhodium(III)-Catalyzed Sequential C-H Functionalization, Selective Enol Oxygen-Atom Nucleophilic Addition, and Hydrolysis. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 5272-5276   | 5.6 | 23 |
| 180 | Ningnanmycin inhibits tobacco mosaic virus virulence by binding directly to its coat protein discs. <i>Oncotarget</i> , <b>2017</b> , 8, 82446-82458  | 3.3 | 23 |

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| 179 | Photoredox/Hydrogen Atom Transfer Cocatalyzed C-H Difluoroallylation of Amides, Ethers, and Alkyl Aldehydes. <i>Organic Letters</i> , <b>2021</b> , 23, 2353-2358  | 6.2 | 23 |
| 178 | Pd-Catalyzed cycloisomerization/nucleophilic addition/reduction: an efficient method for the synthesis of spiro-pseudoindoxyls containing N,N'-ketal. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1731-1735 <sup>5.2</sup>   | 5.2 | 22 |
| 177 | D and E rings may not be indispensable for antofine: discovery of phenanthrene and alkylamine chain containing antofine derivatives as novel antiviral agents against tobacco mosaic virus (TMV) based on interaction of antofine and TMV RNA. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 10393-404 | 5.7 | 22 |
| 176 | Enantioselective approach to 13a-methylphenanthroindolizidine alkaloids. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 7981-7  | 4.2 | 22 |
| 175 | Visible-light-mediated minisci C-H alkylation of heteroarenes with 4-alkyl-1,4-dihydropyridines using O <sub>2</sub> as an oxidant. <i>Green Chemistry</i> , <b>2020</b> , 22, 5599-5604   | 10  | 22 |
| 174 | Dehydrogenation of N-Heterocycles by Superoxide Ion Generated through Single-Electron Transfer. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2065-2069  | 4.8 | 22 |
| 173 | Visible-light-mediated photoredox minisci C-H alkylation with alkyl boronic acids using molecular oxygen as an oxidant. <i>Chemical Communications</i> , <b>2020</b> , 56, 12652-12655   | 5.8 | 21 |
| 172 | Discovery, Structural Optimization, and Mode of Action of Essramycin Alkaloid and Its Derivatives as Anti-Tobacco Mosaic Virus and Anti-Phytopathogenic Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 471-484   | 5.7 | 21 |
| 171 | N-Arylamines Coupled with Aldehydes, Ketones, and Imines by Means of Photocatalytic Proton-Coupled Electron Transfer. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9269-9273  | 4.8 | 21 |
| 170 | Optimization, Structure-Activity Relationship, and Mode of Action of Nortopsentin Analogues Containing Thiazole and Oxazole Moieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 10018-10031 <sup>5.7</sup>   | 5.7 | 20 |
| 169 | Assessing the anthelmintic activity of pyrazole-5-carboxamide derivatives against <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , <b>2017</b> , 10, 272   | 4   | 20 |
| 168 | Synthesis and antiviral activities of antofine analogues with different C-6 substituent groups. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 1030-5   | 5.7 | 20 |
| 167 | Trifluoromethylation and Monofluoroalkenylation of Alkenes through Radical-Radical Cross-Coupling. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8686-8690   | 4.8 | 19 |
| 166 | Regio- and chemoselective N-1 acylation of indoles: Pd-catalyzed domino cyclization to afford 1,2-fused tricyclic indole scaffolds. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 5337-40  | 4.8 | 19 |
| 165 | Unnatural $\beta$ -Amino Acid Synthesized through $\beta$ -Alkylation of Glycine Derivatives by Diacyl Peroxides. <i>Organic Letters</i> , <b>2020</b> , 22, 5005-5008   | 6.2 | 19 |
| 164 | Design, synthesis, and biological evaluation of various $\beta$ -substituted benzylpyrroles based on the structures of insecticidal chlorfenapyr and natural pyrrolomycins. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 6072-81  | 5.7 | 19 |
| 163 | Regioselective Oxidative Dehydrogenation under Nonenzymatic Conditions: A Synthetic Route to Gossypol. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 8014-8021  | 3.2 | 19 |
| 162 | Marine Natural Products for Drug Discovery: First Discovery of Kealiinines A-C and Their Derivatives as Novel Antiviral and Antiphytopathogenic Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 7310-7318   | 5.7 | 19 |



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| 161 | Synthesis and bioactivities of novel piperazine-containing 1,5-Diphenyl-2-penten-1-one analogues from natural product lead. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 1849-53  | 2.9 | 18 |
| 160 | Copper-Catalyzed Aryltrifluoromethylation of N-Phenylcinnamamides: Access to Trifluoromethylated 3,4-Dihydroquinolin-2(1H)-ones. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 2464-2468  | 5.6 | 18 |
| 159 | Intramolecular Biaryl Oxidative Coupling of Stilbenes by Vanadium Oxytrichloride (VOCl <sub>3</sub> ): Facile Synthesis of Substituted Phenanthrene Derivatives. <i>Synthetic Communications</i> , <b>2004</b> , 34, 119-128   | 1.7 | 18 |
| 158 | 6-OH-Phenanthroquinolizidine Alkaloid and Its Derivatives Exert Potent Anticancer Activity by Delaying S Phase Progression. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 2764-2779  | 8.3 | 17 |
| 157 | Synthesis and insecticidal activities of novel N-sulfenyl-N-tert-butyl-N,N'-diacylhydrazines. 2. N-substituted phenoxysulfenate derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 5254-5257   | 5.7 | 17 |
| 156 | A convenient synthesis of N-tert-butyl-N'-aminocarbonyl-N-(substituted)benzoyl-hydrazine containing aminoalkylphosphonate groups in a one-pot procedure. <i>Heteroatom Chemistry</i> , <b>2001</b> , 12, 68-72   | 1.2 | 17 |
| 155 | Application of "Hydrogen-Bonding Interaction" in Drug Design. Part 2: Design, Synthesis, and Structure-Activity Relationships of Thiophosphoramidate Derivatives as Novel Antiviral and Antifungal Agents. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 9435-40 | 5.7 | 16 |
| 154 | C ring may be dispensable for Ecarboline: Design, synthesis, and bioactivities evaluation of tryptophan analog derivatives based on the biosynthesis of Ecarboline alkaloids. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 462-73                                       | 3.4 | 16 |
| 153 | Design, Synthesis, and Biological Activity of Ecarboline Analogues Containing Hydantoin, Thiohydantoin, and Urea Moieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 8253-8261   | 5.7 | 16 |
| 152 | Synthesis of Functionalized Spirocyclic Indolines by Visible Light-Induced One-Pot Sequential Difluoromethylative Dearomatization, Hydroxylation, and Substitution Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 4739-4747                                     | 5.6 | 16 |
| 151 | Synthesis and insecticidal evaluation of novel N-(S-amino)sulfenylated derivatives of diacylhydrazines. <i>Pest Management Science</i> , <b>2002</b> , 58, 1250-3  | 4.6 | 16 |
| 150 | Electro-oxidative C-H azolation of quinoxalin-2(1H)-ones. <i>Green Chemistry</i> , <b>2021</b> , 23, 3246-3249   | 10  | 16 |
| 149 | Discovery of Tryptanthrins as Novel Antiviral and Anti-Phytopathogenic-Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 5586-5595  | 5.7 | 15 |
| 148 | An N-hydrazinoalkylphosphonate as building block for novel N-phosphonoalkylheterocycles. <i>Heteroatom Chemistry</i> , <b>2003</b> , 14, 384-386   | 1.2 | 15 |
| 147 | Synthesis and Acaricidal- and Insecticidal-Activity Evaluation of Novel Oxazolines Containing Sulfiliminy Moieties and Their Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 4224-4231  | 5.7 | 14 |
| 146 | Visible-light-induced dearomative oxamination of indole derivatives and dearomative amidation of phenol derivatives. <i>Chemical Communications</i> , <b>2020</b> , 56, 8436-8439  | 5.8 | 14 |
| 145 | Photoredox-Catalyzed Redox-Neutral Minisci C-H Formylation of N-Heteroarenes. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2155-2159   | 5.6 | 14 |
| 144 | Antiviral mechanism study of gossypol and its Schiff base derivatives based on reactive oxygen species (ROS). <i>RSC Advances</i> , <b>2016</b> , 6, 87637-87648   | 3.7 | 14 |

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| 26 | Blue light photoredox-catalysed acetalation of alkynyl bromides.. <i>RSC Advances</i> , <b>2019</b> , 9, 36213-36216   | 3.7 | 2 |
| 25 | Toad Alkaloid for Pesticide Discovery: Dehydrobufotenine Derivatives as Novel Agents against Plant Virus and Fungi. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 9754-9763  | 5.7 | 2 |
| 24 | Dehalogenative Cross-Coupling of -Difluoroalkenes with Alkyl Halides a Silyl Radical-Mediated Process. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 12772-12782   | 4.2 | 2 |
| 23 | Light-Mediated Defluorosilylation of $\alpha$ -Trifluoromethyl Arylalkenes through Hydrogen Atom Transfer. <i>Organic Letters</i> ,  | 6.2 | 2 |
| 22 | Skeletal modifications of Ecaboline alkaloids and their antiviral activity profile. <i>Molecular Diversity</i> , <b>2016</b> , 20, 829-835   | 3.1 | 1 |
| 21 | Synthesis and Biological Activities of 3-Substituted Analogues of Tenuazonic Acid. <i>Journal of Heterocyclic Chemistry</i> , <b>2014</b> , 51, E209-E215  | 1.9 | 1 |
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| 18 | Design, Synthesis and In-Vitro Biological Evaluation of Antofine and Tylophorine Prodrugs as Hypoxia-Targeted Anticancer Agents. <i>Molecules</i> , <b>2021</b> , 26,  | 4.8 | 1 |



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| 16 | Natural phytoalexin stilbene compound resveratrol and its derivatives as anti-tobacco mosaic virus and anti-phytopathogenic fungus agents. <i>Scientific Reports</i> , <b>2021</b> , 11, 16509                                    | 4.9 | 1 |
| 15 | Arylboryonic Acid Deborylation Deuteration via Synergistic Thiol, Lewis Base, and Photoredox Catalysis.. <i>Organic Letters</i> , <b>2022</b> ,   | 6.2 | 1 |
| 14 | Design, Synthesis, and Bioactivities of Phthalide and Coumarin Derivatives Based on the Biosynthesis and Structure Simplification of Gossypol.. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 15123-15135 | 5.7 | 1 |
| 13 | Efficient Preparation of Alkaloids Polycarpine and Polycarpaurines A and C. <i>Journal of Heterocyclic Chemistry</i> , <b>2017</b> , 54, 121-124  | 1.9 | 0 |
| 12 | Preparation and Anti-Tobacco Mosaic Virus Activities of Crocetin Diesters. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 13637-13643  | 5.7 | 0 |
| 11 | Visible-light-mediated alkylation of 4-alkyl-1,4-dihydropyridines with alkenyl sulfones. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 8924-8928  | 3.9 | 0 |
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| 9  | Discovery and Nanosized Preparations of (,)-Tylophorine Malate as Novel anti-SARS-CoV-2 Agents. <i>ACS Medicinal Chemistry Letters</i> , <b>2021</b> , 12, 1838-1844  | 4.3 | 0 |
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| 7  | Design, synthesis and biological activities of echinopsine derivatives containing acylhydrazone moiety.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2935   | 4.9 | 0 |
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| 3  | Marine natural products and plant virus control <b>2021</b> , 563-569   |     |   |
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