

# Guan-Wu Wang

## List of Publications by Year in descending order

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245  
papers

10,936  
citations

28274

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h-index

43889

91  
g-index

319  
all docs

319  
docs citations

319  
times ranked

7316  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Copper-Promoted Cascade Radical Reaction of [60]Fullerene with Arylglyoxals and Further Derivatization. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .   | 2.7  | 5         |
| 2  | Copper-mediated synthesis of fullerooxazoles from [60]fullerene and <i>N</i> -hydroxybenzimidoyl cyanides. <i>Organic and Biomolecular Chemistry</i> , 2022, .  | 2.8  | 1         |
| 3  | Retro Baeyer-Villiger reaction: thermal conversion of the [60]fullerene-fused lactones to ketones. <i>Chemical Communications</i> , 2022, 58, 3685-3688.  | 4.1  | 5         |
| 4  | Palladium-Catalyzed Three-Component 1,4-Alkoxyarylation Reaction of [60]Fullerene. <i>Journal of Organic Chemistry</i> , 2022, 87, 4051-4060.   | 3.2  | 6         |
| 5  | Phorneroids A-M, diverse types of diterpenoids from <i>Euphorbia neriifolia</i> . <i>Phytochemistry</i> , 2022, 198, 113142.  | 2.9  | 8         |
| 6  | Mechanochemical Dimerization of Aldoximes to Furoxans. <i>Molecules</i> , 2022, 27, 2604.   | 3.8  | 1         |
| 7  | Unexpected Formation of Pyrazoline-Fused Metallofullerenes from the Multicomponent Cascade Reaction of Sc <sub>3</sub> N@I <sub>3</sub> h-C <sub>80</sub> with Tetrazines, Water, and Oxygen. <i>Organic Letters</i> , 2022, 24, 3493-3498. | 4.6  | 9         |
| 8  | Low-bandgap small molecule acceptors with asymmetric side chains. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1858-1864.  | 5.9  | 2         |
| 9  | Solvent-Free Mechanochemical Synthesis of Polysubstituted 1,2-Dihydroquinolines from Anilines and Alkyne Esters. <i>Journal of Organic Chemistry</i> , 2022, 87, 8480-8491.   | 3.2  | 9         |
| 10 | Electrochemically Promoted Benzoylation of [60]Fullerooxazolidinone. <i>Nanomaterials</i> , 2022, 12, 2281.   | 4.1  | 0         |
| 11 | Anomalous <i>Cis</i> -Conformation Regioselectivity of Heterocycle-Fused Sc <sub>3</sub> N@D <sub>3</sub> h-C <sub>78</sub> Derivatives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7880-7886.                            | 13.8 | 15        |
| 12 | Cu(I)-Catalyzed Synthesis of [60]Fullerene-Fused Lactams and Further Electrochemical Functionalization. <i>Organic Letters</i> , 2021, 23, 4051-4056.   | 4.6  | 26        |
| 13 | Fullerene Mechanochemistry: Serendipitous Discovery of <i>Dumbbell</i> -Shaped C <sub>120</sub> and Beyond. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1797-1803.  | 4.9  | 46        |
| 14 | Regiodivergent Synthesis of 4,5- and 4,4-Imidazolynyl Spiropyrazolones from 4-Alkylidene Pyrazolones and Amidines. <i>Organic Letters</i> , 2021, 23, 5305-5310.  | 4.6  | 15        |
| 15 | Mechanochemical Solvent-Free Synthesis of Indenones from Aromatic Carboxylic Acids and Alkynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 14102-14112.  | 3.2  | 10        |
| 16 | Tribocatalysis: challenges and perspectives. <i>Science China Chemistry</i> , 2021, 64, 1609-1613.  | 8.2  | 27        |
| 17 | Double-site defect passivation of perovskite film via fullerene additive engineering toward highly efficient and stable bulk heterojunction solar cells. <i>Nano Today</i> , 2021, 39, 101164.  | 11.9 | 33        |
| 18 | A copper-promoted synthesis of epoxy-bridged [60]fullerene-fused lactones and further derivatization. <i>Chemical Communications</i> , 2021, 57, 7043-7046.   | 4.1  | 8         |

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|----|---|------|-----------|
| 19 | Unexpected Diels-Alder reaction of [60]fullerene with electron-deficient ferrocenes as cyclopentadiene surrogates. <i>Chemical Communications</i> , 2021, 57, 13389-13392.  | 4.1  | 3         |
| 20 | Regioselective electrosynthesis of tetra- and hexa-functionalized [60]fullerene derivatives with unprecedented addition patterns. <i>Chemical Science</i> , 2020, 11, 384-388.  | 7.4  | 32        |
| 21 | Crokonoids – C, A Highly Rearranged and Dual-Bridged Spiro Diterpenoid and Two Other Diterpenoids from <i>Croton kongensis</i> . <i>Organic Letters</i> , 2020, 22, 929-933.  | 4.6  | 18        |
| 22 | Synthesis of [60]fullerene-fused dihydrobenzooxazepines via the palladium-catalyzed oxime-directed C-H bond activation and subsequent electrochemical functionalization. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2518-2525. | 4.5  | 8         |
| 23 | Reaction of Aldoximes with Sodium Chloride and Oxone under Ball-Milling Conditions. <i>Molecules</i> , 2020, 25, 3719.  | 3.8  | 5         |
| 24 | Electrochemical regioselective alkylations of a [60]fulleroindoline with bulky alkyl bromides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4783-4787.   | 2.8  | 9         |
| 25 | Alternative Access to Cyclopentafullerenes through the Reaction of [60]Fullerene with Aldehydes and Secondary Amines. <i>Journal of Organic Chemistry</i> , 2020, 85, 6878-6887.  | 3.2  | 5         |
| 26 | Palladium-catalyzed synthesis of [60]fullerene-fused furochromenones and further electrochemical functionalization. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1249-1254.  | 4.5  | 16        |
| 27 | Steering the electron transport properties of pyridine-functionalized fullerene derivatives in inverted perovskite solar cells: the nitrogen site matters. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3872-3881.          | 10.3 | 25        |
| 28 | Double fullerene cathode buffer layers afford highly efficient and stable inverted planar perovskite solar cells. <i>Organic Electronics</i> , 2020, 82, 105726.  | 2.6  | 13        |
| 29 | Successively Regioselective Electrosynthesis and Electron Transport Property of Stable Multiply Functionalized [60]Fullerene Derivatives. <i>Research</i> , 2020, 2020, 2059190.  | 5.7  | 27        |
| 30 | Palladium-Catalyzed Heteroannulation of Indole-1-carboxamides with [60]Fullerene and Subsequent Electrochemical Transformations. <i>Organic Letters</i> , 2019, 21, 8568-8571.  | 4.6  | 31        |
| 31 | Multicomponent Synthesis of Arylvinyl-Substituted Fulleropyrrolidines from [60]Fullerene, Amines and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6504-6509.   | 2.4  | 6         |
| 32 | Electrochemical Benzoylation of [60]Fullerene-Fused Lactones: Unexpected Formation of Ring-Opened Adducts and Their Photovoltaic Performance. <i>Organic Letters</i> , 2019, 21, 7346-7350.                                       | 4.6  | 23        |
| 33 | A retro Baeyer-Villiger reaction: electrochemical reduction of [60]fullerene-fused lactones to [60]fullerene-fused ketones. <i>Chemical Science</i> , 2019, 10, 3012-3017.  | 7.4  | 32        |
| 34 | Visible-light-induced decarboxylative sulfonylation of cinnamic acids with sodium sulfonates by using Merrifield resin supported Rose Bengal as a catalyst. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5578-5585.      | 2.8  | 28        |
| 35 | Magnetic nanoparticle-supported eosin Y ammonium salt: An efficient heterogeneous catalyst for visible light oxidative C-C and C-P bond formation. <i>Tetrahedron</i> , 2019, 75, 3448-3455.                                      | 1.9  | 20        |
| 36 | Reactions of the electrochemically generated dianion of [60]fullerene with bulky secondary alkyl bromides. <i>Tetrahedron Letters</i> , 2019, 60, 1049-1052.  | 1.4  | 7         |

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|----|---|------|-----------|
| 37 | Zinc-Mediated Reductive Cyclization of [60]Fullerene with Enones and Subsequent Dehydration under Solvent-Free and Ball-Milling Conditions. <i>Organic Letters</i> , 2019, 21, 2625-2628.   | 4.6  | 29        |
| 38 | Palladium-catalyzed decarboxylative <i>ortho</i> -amidation of <i>O</i> -methyl ketoximes with oxamic acids. <i>Chemical Communications</i> , 2019, 55, 12551-12554.  | 4.1  | 11        |
| 39 | Azide Passivation of Black Phosphorus Nanosheets: Covalent Functionalization Affords Ambient Stability Enhancement. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1479-1483.   | 13.8 | 123       |
| 40 | Diastereoselective Synthesis of Oxazoloisindolinones via Cascade Pd-Catalyzed <i>ortho</i> -Acylation of <i>N</i> -Benzoyl $\alpha$ -Amino Acid Derivatives and Subsequent Double Intramolecular Cyclizations. <i>Journal of Organic Chemistry</i> , 2019, 84, 161-172. | 3.2  | 22        |
| 41 | Palladium-Catalyzed Decarboxylative Coupling of Potassium Oxalate Monoester with 2-Aryloxy pyridines. <i>Acta Chimica Sinica</i> , 2019, 77, 729.   | 1.4  | 6         |
| 42 | Palladium-Catalyzed Decarboxylative <i>ortho</i> -Acylation of Anilines with Carbamate as a Removable Directing Group. <i>ACS Omega</i> , 2018, 3, 4187-4198.   | 3.5  | 13        |
| 43 | Synthesis of fullerotetrahydropyridazines <i>via</i> the copper-catalyzed heteroannulation of [60]fullerene with hydrazides. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1188-1193.   | 4.5  | 20        |
| 44 | Synthesis of Fullerotetrahydroquinolines via [4 + 2] Cycloaddition Reaction of [60]Fullerene with in Situ Generated Aza- <i>o</i> -quinone Methides. <i>Journal of Organic Chemistry</i> , 2018, 83, 1959-1968.   | 3.2  | 28        |
| 45 | Cytotoxic 8,9- <i>seco</i> -ent-kaurane diterpenoids from <i>Croton kongensis</i> . <i>Journal of Asian Natural Products Research</i> , 2018, 20, 920-927.  | 1.4  | 11        |
| 46 | Nickel-catalyzed regioselective arylation of aromatic amides with aryl iodides enabled by an <i>N,O</i> -bidentate directing group. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8783-8790.  | 2.8  | 6         |
| 47 | Direct Decarboxylative <i>Meta</i> -Selective Acylation of Arenes via an <i>Ortho</i> -Ruthenation Strategy. <i>ACS Catalysis</i> , 2018, 8, 11875-11881.   | 11.2 | 65        |
| 48 | Catalyst- and solvent-free mechanochemical synthesis of isoxazoles from <i>N</i> -hydroxybenzimidoyl chlorides and enamino carbonyl compounds. <i>Tetrahedron</i> , 2018, 74, 6607-6611.  | 1.9  | 14        |
| 49 | Solvent-free <i>N</i> -iodosuccinimide-promoted synthesis of spiroimidazolines from alkenes and amidines under ball-milling conditions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2864-2869.  | 4.5  | 31        |
| 50 | One-Pot Multicomponent Mechanochemical Synthesis of Polysubstituted <i>trans</i> -2,3-Dihydropyrroles and Pyrroles from Amines, Alkyne Esters, and Chalcones. <i>Journal of Organic Chemistry</i> , 2018, 83, 6035-6049.  | 3.2  | 55        |
| 51 | Palladium-catalyzed <i>ortho</i> -halogenations of acetanilides with <i>N</i> -halosuccinimides via direct $\text{sp}^2\text{-C-H}$ bond activation in ball mills. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 430-435.                                   | 2.2  | 19        |
| 52 | Anchoring Fullerene onto Perovskite Film via Grafting Pyridine toward Enhanced Electron Transport in High-Efficiency Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32471-32482.  | 8.0  | 73        |
| 53 | Solvent-free rhodium(III)-catalyzed synthesis of 2-aminoanilides via $\text{C-H}$ amidation of <i>N</i> -nitrosoanilines under ball-milling conditions. <i>Tetrahedron</i> , 2018, 74, 4188-4196.   | 1.9  | 17        |
| 54 | Mechanochemical Synthesis and Properties of Boronic Ester Cage Compounds. <i>Current Organic Chemistry</i> , 2018, 22, 923-929.   | 1.6  | 9         |

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|----|---|-----|-----------|
| 55 | Regioselective acylation and carboxylation of [60]fulleroindoline via electrochemical synthesis. <i>Organic Chemistry Frontiers</i> , 2017, 4, 603-607.   | 4.5 | 26        |
| 56 | Palladium-catalyzed synthesis of [60]fullerene-fused benzofurans via heteroannulation of phenols. <i>Chemical Communications</i> , 2017, 53, 1852-1855.   | 4.1 | 45        |
| 57 | Ruthenium-Catalyzed <i>meta</i> -Selective C-H Mono- and Difluoromethylation of Arenes through <i>ortho</i> -Metalation Strategy. <i>Chemistry - A European Journal</i> , 2017, 23, 3285-3290.                          | 3.3 | 101       |
| 58 | Liquid-Assisted One-Pot Mechanochemistry and Properties of Neutral Donor-Acceptor [2]Rotaxanes. <i>Journal of Organic Chemistry</i> , 2017, 82, 6341-6348.  | 3.2 | 24        |
| 59 | The cyclopropanation of [60]fullerobenzofurans via electrosynthesis. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3248-3254.   | 2.8 | 12        |
| 60 | Double-stranded ladderphanes with C <sub>2</sub> -symmetric planar chiral ferrocene linkers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2999-3010.  | 2.3 | 4         |
| 61 | Copper-Promoted Synthesis of 2-Fulleropyrrolines via Heteroannulation of [60]Fullerene with $\pm$ -Amino Ketones. <i>Journal of Organic Chemistry</i> , 2017, 82, 10823-10829.  | 3.2 | 16        |
| 62 | Cascade Radical Reaction of <i>N</i> -Sulfonyl-2-allylanilines with [60]Fullerene: Synthesis and Functionalization of (2-Indolyl)methylated Hydrofullerenes. <i>Organic Letters</i> , 2017, 19, 5110-5113.              | 4.6 | 23        |
| 63 | Palladium-Catalyzed Decarboxylative <i>ortho</i> -Acylation of Benzamides with $\pm$ -Oxocarboxylic Acids. <i>Journal of Organic Chemistry</i> , 2017, 82, 12715-12725.   | 3.2 | 36        |
| 64 | Solvent-free iodine-promoted synthesis of 3,2-pyrrolyl spirooxindoles from alkylidene oxindoles and enamino esters under ball-milling conditions. <i>Chemical Communications</i> , 2017, 53, 12477-12480.               | 4.1 | 29        |
| 65 | Highly efficient synthesis of [60]fullerene oxides by plasma jet. <i>Royal Society Open Science</i> , 2017, 4, 170658.  | 2.4 | 5         |
| 66 | Synthesis of [60]Fullerene-Fused Tetralones via Palladium-Catalyzed Ketone-Directed $C_{60}H_2$ Activation and $C_{60}H_3$ Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1548-1554.           | 4.3 | 23        |
| 67 | Synthesis of [60]Fullerene-Fused Spiroindanes by Palladium-Catalyzed Oxidative Annulation of [60]Fullerene with 2-Aryl Cyclic 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2016, 18, 2616-2619.                   | 4.6 | 33        |
| 68 | Synthesis and Properties of Axially Symmetrical Rigid Visible Light-Harvesting Systems Containing [60]Fullerene and Perylenebisimide. <i>Journal of Organic Chemistry</i> , 2016, 81, 12223-12231.                      | 3.2 | 10        |
| 69 | Manganese(III) Acetate-Promoted Cross-Coupling Reaction of Benzothiazole/Thiazole Derivatives with Organophosphorus Compounds under Ball-Milling Conditions. <i>Journal of Organic Chemistry</i> , 2016, 81, 5433-5439. | 3.2 | 68        |
| 70 | Palladium-catalyzed decarboxylative ortho-acylation of <i>N</i> -nitrosoanilines with $\pm$ -oxocarboxylic acids. <i>Tetrahedron Letters</i> , 2016, 57, 1687-1690.   | 1.4 | 26        |
| 71 | A Weak Intercage C-C Bond in a [60]fullerene Dimer Studied by <i>In situ</i> Variable Temperature EPR Spectroscopy. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2016, 32, 1929-1932.                       | 4.9 | 1         |
| 72 | Functionalization of [60]Fullerene via Palladium-Catalyzed C-H Bond Activation. <i>Topics in Organometallic Chemistry</i> , 2015, , 119-136.  | 0.7 | 37        |

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|----|---|------|-----------|
| 73 | Ferric Perchlorate Promoted Reaction of [60]Fullerene with <i>N</i> -Sulfonyl Aldimines: Synthesis and Functionalization of Fulleroxazolidines. <i>Journal of Organic Chemistry</i> , 2015, 80, 11986-11992.              | 3.2  | 10        |
| 74 | Facile Access to Novel [60]Fullereryl Diethers and [60]Fullerene-Sugar Conjugates via Annulation of Diol Moieties. <i>Organic Letters</i> , 2015, 17, 1862-1865.  | 4.6  | 27        |
| 75 | Palladium-catalyzed ortho-acyloxylation of <i>N</i> -nitrosoanilines via direct $sp^2$ C-H bond activation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6958-6964.  | 2.8  | 48        |
| 76 | Copper-catalyzed heteroannulation of [60]fullerene with ketoxime acetates: preparation of novel 1-fulleropyrrolines. <i>Chemical Communications</i> , 2015, 51, 6548-6551.  | 4.1  | 56        |
| 77 | Palladium-Catalyzed Decarboxylative Annulation of 2-Arylbenzoic Acids with [60]Fullerene via C-H Bond Activation. <i>Organic Letters</i> , 2015, 17, 1260-1263.   | 4.6  | 39        |
| 78 | Stereoselective Iterative Convergent Synthesis of <i>Z</i> -Oligodiacetylenes from Propargylic Dithioacetals. <i>Journal of Organic Chemistry</i> , 2015, 80, 8772-8781.  | 3.2  | 2         |
| 79 | Palladium-Catalyzed Decarboxylative <i>Ortho</i> -Ethoxycarbonylation of <i>O</i> -Methyl Ketoximes and 2-Arylpyridines with Potassium Oxalate Monoester. <i>Organic Letters</i> , 2015, 17, 4866-4869.                   | 4.6  | 40        |
| 80 | Catalyst-Free Approach to Construct C-C Bond Initiated by N-O Bond Cleavage under Thermal Conditions. <i>Journal of Organic Chemistry</i> , 2015, 80, 190-195.  | 3.2  | 11        |
| 81 | A 1,2,3,4-Tetrahydrofullerene Derivative Generated from a [60]Fulleroindoline: Regioselective Electrosynthesis and Computational Study. <i>Chinese Journal of Chemistry</i> , 2014, 32, 699-702.                          | 4.9  | 14        |
| 82 | Synthesis of [60]Fullerene-Fused Tetrahydrobenzooxepine and Isochroman Derivatives via Hydroxyl-Directed C-H Activation/C-O Cyclization. <i>Organic Letters</i> , 2014, 16, 1638-1641.                                    | 4.6  | 41        |
| 83 | Ferric Chloride-Catalyzed Reaction of [60]Fullerene with <i>tert</i> -Butyl <i>N</i> -Substituted Carbamates: Synthesis of Oxazolidino[4,5:1,2][60]fullerenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 117-121.   | 3.2  | 32        |
| 84 | Synthesis of 2-Acylthiophenes by Palladium-Catalyzed Addition of Thiophenes to Nitriles. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 369-373.  | 4.3  | 30        |
| 85 | Synthesis of <i>Ortho</i> Acid Ester-Type 1,3-Dioxolanofullerenes: Radical Reaction of [60]Fullerene with Halocarboxylic Acids Promoted by Lead(IV) Acetate. <i>Journal of Organic Chemistry</i> , 2014, 79, 11155-11160. | 3.2  | 13        |
| 86 | Palladium-catalyzed heteroannulation of [60]fullerene with <i>N</i> -(2-arylethyl) sulfonamides via C-H bond activation. <i>Organic Chemistry Frontiers</i> , 2014, 1, 689-693.   | 4.5  | 29        |
| 87 | Regioselective Electrosynthesis of Rare 1,2,3,16-Functionalized [60]Fullerene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3006-3010.  | 13.8 | 65        |
| 88 | Electroreductive Transformation of [60]Fullerosultones into Fullerosulfonic Acids. <i>Journal of Organic Chemistry</i> , 2013, 78, 7093-7099.   | 3.2  | 20        |
| 89 | Microwave-Accelerated Pd-Catalyzed Desulfitative Direct C <sub>2</sub> -Arylation of Free (NH)-Indoles with Arylsulfinic Acids. <i>Chemistry - an Asian Journal</i> , 2013, 8, 3185-3190.                                 | 3.3  | 49        |
| 90 | Palladium-Catalyzed Decarboxylative <i>Ortho</i> Acylation of Azobenzenes with $\alpha$ -Oxocarboxylic Acids. <i>Journal of Organic Chemistry</i> , 2013, 78, 10414-10420.  | 3.2  | 115       |

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|-----|---|------|-----------|
| 91  | Synthesis of 3-Acylindoles by Palladium-Catalyzed Acylation of Free (Nâ€“H) Indoles with Nitriles. <i>Organic Letters</i> , 2013, 15, 788-791.  | 4.6  | 93        |
| 92  | Synthesis and Functionalization of [60]Fullerene-Fused Imidazolines. <i>Organic Letters</i> , 2013, 15, 1532-1535.  | 4.6  | 56        |
| 93  | FeCl <sub>3</sub> -Mediated Cyclization of [60]Fullerene with <i>N</i> -Benzhydryl Sulfonamides under High-Speed Vibration Milling Conditions. <i>Organic Letters</i> , 2013, 15, 3408-3411.                        | 4.6  | 52        |
| 94  | Mechanochemistry of fullerenes and related materials. <i>Chemical Society Reviews</i> , 2013, 42, 7535.   | 38.1 | 279       |
| 95  | Mechanochemical organic synthesis. <i>Chemical Society Reviews</i> , 2013, 42, 7668.  | 38.1 | 733       |
| 96  | Efficient ZnBr <sub>2</sub> -catalyzed reactions of allylic alcohols with indoles, sulfamides and anilines under high-speed vibration milling conditions. <i>Green Chemistry</i> , 2013, 15, 1659.                  | 9.0  | 43        |
| 97  | Self-Decoupled Porphyrin with a Tripodal Anchor for Molecular-Scale Electroluminescence. <i>Journal of the American Chemical Society</i> , 2013, 135, 15794-15800.  | 13.7 | 77        |
| 98  | Palladium-Catalyzed Decarboxylative <i>ortho</i> -Acylation of <i>O</i> -Methyl Ketoximes via Direct sp <sup>2</sup> -Câ€“H Bond Activation. <i>Acta Chimica Sinica</i> , 2013, 71, 717.                            | 1.4  | 21        |
| 99  | Palladium-Catalyzed Group-Directed sp <sup>2</sup> -Câ€“H Functionalization. <i>Chinese Journal of Organic Chemistry</i> , 2013, 33, 203.   | 1.3  | 15        |
| 100 | Transition Metal Salt-Mediated Radical Reactions of [60]Fullerene. <i>Current Organic Chemistry</i> , 2012, 16, 1109-1127.  | 1.6  | 52        |
| 101 | Ferric Perchlorate-Mediated Synthesis of 1,2-Fullerenols C <sub>60</sub> (OCOR)(OH). <i>Journal of Organic Chemistry</i> , 2012, 77, 6643-6647.   | 3.2  | 22        |
| 102 | Unexpected manganese(iii) acetate-mediated reactions of $\hat{1}^2$ -enamino carbonyl compounds with 1-(pyridin-2-yl)-enones under mechanical milling conditions. <i>Chemical Communications</i> , 2012, 48, 11665. | 4.1  | 18        |
| 103 | Fullerenyl Boronic Esters: Ferric Perchlorate-Mediated Synthesis and Functionalization. <i>Organic Letters</i> , 2012, 14, 1800-1803.   | 4.6  | 38        |
| 104 | Azide Addition to an Endohedral Metallofullerene: Formation of Azafulleroids of Sc <sub>3</sub> N@I <sub>h</sub> -C <sub>80</sub> . <i>Journal of the American Chemical Society</i> , 2012, 134, 11956-11959.       | 13.7 | 38        |
| 105 | Palladium-Catalyzed <i>Ortho</i> -Arylation of Benzamides via Direct sp <sup>2</sup> -Câ€“H Bond Activation. <i>Journal of Organic Chemistry</i> , 2012, 77, 3341-3347.   | 3.2  | 86        |
| 106 | Palladium-Catalyzed <i>Ortho</i> -Alkoxylation of Anilides via Câ€“H Activation. <i>Journal of Organic Chemistry</i> , 2012, 77, 9504-9509.   | 3.2  | 131       |
| 107 | Ferric perchlorate-mediated radical reactions of [60]fullerene. <i>Science China Chemistry</i> , 2012, 55, 2009-2017.   | 8.2  | 21        |
| 108 | Palladium-Catalyzed Synthesis of Aromatic Sulfones via Sulfonic Acid Group-Directed C-H Activation. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2041-2046.  | 4.9  | 15        |

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|-----|--|------|-----------|
| 109 | Direct Formation of Cycloadducts Between Fullerenes and Amino Acids Through Electron-Transfer Processes. <i>Synthetic Communications</i> , 2012, 42, 1532-1541.  | 2.1  | 5         |
| 110 | Study on the thermal reactions of [60]fullerene with amino acids and amino acid esters. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8720.  | 2.8  | 24        |
| 111 | Synthesis of [60]Fullerene-Fused Sultones via Sulfonic Acid Group-Directed C-H Bond Activation. <i>Organic Letters</i> , 2012, 14, 2176-2179.  | 4.6  | 64        |
| 112 | Solvent-free bromination reactions with sodium bromide and oxone promoted by mechanical milling. <i>Green Chemistry</i> , 2012, 14, 1125.  | 9.0  | 98        |
| 113 | Magnetic Nanoparticles-Supported Palladium: A Highly Efficient and Reusable Catalyst for the Suzuki, Sonogashira, and Heck Reactions. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1307-1318.                | 4.3  | 170       |
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| 235 | Photoinduced Reaction of [60]Fullerene with Tertiary Amines: Synthesis of [60]Fulleropyrrolidines. <i>Synthetic Communications</i> , 1997, 27, 2289-2298.  | 2.1  | 22        |
| 236 | Synthesis and X-ray structure of dumb-bell-shaped C120. <i>Nature</i> , 1997, 387, 583-586.  | 27.8 | 529       |
| 237 | The solid-phase reaction [60]fullerene: novel addition of organozinc reagents. <i>Chemical Communications</i> , 1996, , 2059.  | 4.1  | 49        |
| 238 | Preparation, Properties, and Applications of Vesicle-Forming Cleavable Surfactants with a 1,3-Dioxane Ring. <i>Journal of Colloid and Interface Science</i> , 1995, 173, 49-54.  | 9.4  | 18        |
| 239 | Synthesis and characterization of cleavable cationic surfactants with a 1,3-dioxane ring. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1995, 72, 83-87.   | 1.9  | 17        |
| 240 | Reaction of [60]fullerene with 1-(4-methoxyphenyl)-1-(trimethylsilyloxy)ethylene. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 367.  | 2.0  | 16        |
| 241 | Reaction of sodium alkoxides with [60]fullerene: formation of a 1,3-dioxolane derivative and involvement of O <sub>2</sub> in a nucleophilic addition reaction of C <sub>60</sub> . <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1071. | 2.0  | 34        |
| 242 | Preparation and properties of sulfonate salt-type cleavable surfactants with a 1,3-dioxane ring. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1994, 71, 727-730.  | 1.9  | 30        |
| 243 | Preparation and properties of cleavable dianionic surfactants with a 1,3-dioxane ring. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1993, 70, 731-732.  | 1.9  | 15        |
| 244 | The competition between $\hat{\text{I}}$ -hydrogen abstraction and cage effects in the photochemistry of o-methyl dibenzyl ketone in various environments. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 67, 57-65.                       | 3.9  | 5         |
| 245 | Palladium-catalyzed three-component 1,4-aminoarylation of [60]fullerene with aryl iodides and N-methoxysulfonamides. <i>Organic Chemistry Frontiers</i> , 0, , .   | 4.5  | 8         |