

Chunxiang Kuang

List of Publications by Year in descending order

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38
papers

763
citations

516710
16
h-index

526287
27
g-index

39
all docs

39
docs citations

39
times ranked

938
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Discovery of Tryptanthrin Derivatives as Potent Inhibitors of Indoleamine 2,3-Dioxygenase with Therapeutic Activity in Lewis Lung Cancer (LLC) Tumor-Bearing Mice. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8321-8331. | 6.4 | 154 |
| 2 | Both IDO1 and TDO contribute to the malignancy of gliomas via the Kyn ⁴ AhR ¹ AQP4 signaling pathway. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 10. | 17.1 | 63 |
| 3 | <i>N</i> -Benzyl/Aryl Substituted Tryptanthrin as Dual Inhibitors of Indoleamine 2,3-Dioxygenase and Tryptophan 2,3-Dioxygenase. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9161-9174. | 6.4 | 46 |
| 4 | Facile One-Pot Synthesis of Monosubstituted 1-Aryl-1,2,3-triazoles from Arylboronic Acids and Propynoic Acid (=Propiolic Acid) or Calcium Acetylide (=Calcium Carbide) as Acetylene Source. <i>Helvetica Chimica Acta</i> , 2012, 95, 448-454. | 1.6 | 42 |
| 5 | Palladium-Catalyzed Acyloxylation of 2-Substituted 1,2,3-Triazoles <i>via</i> Direct C-H Bond Activation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1549-1554. | 4.3 | 42 |
| 6 | Palladium-Catalyzed Acylation of 2-Aryl-1,2,3-triazoles with Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 961-966. | 4.3 | 39 |
| 7 | Palladium-Catalyzed C-H Acylation of Arenes Using Thioethers as Directing Groups. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2576-2583. | 2.4 | 38 |
| 8 | Copper-Catalyzed Synthesis of 4-Aryl-1,2,3-triazoles from 1,1-Dibromoalkenes and Sodium Azide. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 424-428. | 2.4 | 34 |
| 9 | Establishment of a human indoleamine 2, 3-dioxygenase 2 (hIDO2) bioassay system and discovery of tryptanthrin derivatives as potent hIDO2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 171-179. | 5.5 | 30 |
| 10 | Site-Selective Direct Arylation of 1,2,3-Triazole <i>N</i> -Oxides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5272-5275. | 2.4 | 25 |
| 11 | Tryptophan 2,3-dioxygenase inhibitory activities of tryptanthrin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 133-145. | 5.5 | 24 |
| 12 | Room-Temperature Direct Alkenylation of 5-Pyrazolones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5276-5281. | 2.4 | 23 |
| 13 | What is the prospect of indoleamine 2,3-dioxygenase 1 inhibition in cancer? Extrapolation from the past. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 60. | 8.6 | 22 |
| 14 | Synthesis of novel tryptanthrin derivatives as dual inhibitors of indoleamine 2,3-dioxygenase 1 and tryptophan 2,3-dioxygenase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127159. | 2.2 | 21 |
| 15 | IDO1/TDO dual inhibitor RY103 targets Kyn-AhR pathway and exhibits preclinical efficacy on pancreatic cancer. <i>Cancer Letters</i> , 2021, 522, 32-43. | 7.2 | 21 |
| 16 | H ₂ S suppresses indoleamine 2, 3-dioxygenase 1 and exhibits immunotherapeutic efficacy in murine hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 88. | 8.6 | 19 |
| 17 | Palladium-Catalyzed Suzuki Cross-Coupling of Phenylhydrazine or (Phenylsulfonyl)hydrazine. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3307-3312. | 2.4 | 17 |
| 18 | Room-Temperature Direct Alkenylation of 3-Arylsynones. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7810-7813. | 2.4 | 11 |

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|----|--|------|-----------|
| 19 | Amyloid β neurotoxicity is IDO1–Kyn–AhR dependent and blocked by IDO1 inhibitor. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 96. | 17.1 | 11 |
| 20 | IDO1 can impair NK cells function against non-small cell lung cancer by downregulation of NKG2D Ligand via ADAM10. <i>Pharmacological Research</i> , 2022, 177, 106132. | 7.1 | 11 |
| 21 | Easy One-Pot Synthesis of 1-Monosubstituted Aliphatic 1,2,3-Triazoles from Aliphatic Halides, Sodium Azide and Propionic Acid by a Click Cycloaddition/Decarboxylation Process. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1011-1014. | 4.9 | 8 |
| 22 | Facile Synthesis of 1-Arylpyrazoles. <i>Synthesis</i> , 2015, 47, 2281-2284. | 2.3 | 8 |
| 23 | Stereoselective Synthesis of Phenyl-1,2,3-triazoles Containing (E)-Vinyl Halide Group via a One-Pot, Three-Component Reaction. <i>Synthetic Communications</i> , 2011, 41, 1267-1275. | 2.1 | 6 |
| 24 | Convenient Synthesis of Terminal Alkynes from anti-3,4-dibromopropionic Acids Using a K_2CO_3 /DMSO System. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2350-2354. | 4.9 | 6 |
| 25 | Efficient One-pot Synthesis of 4-Ethynylbenzenesulfonamides. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 292-296. | 0.7 | 5 |
| 26 | A new convenient access to highly functionalized (E)-2-arylvinyl bromides. <i>Journal of Chemical Sciences</i> , 2009, 121, 1035-1040. | 1.5 | 5 |
| 27 | Catalyst-Free Imidation of Allyl Sulfides with Chloramine-T and Subsequent [2,3]-Sigmatropic Rearrangement. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2029-2035. | 4.9 | 5 |
| 28 | Novel One-Pot Synthesis of Functionalized (E)-2-Arylvinyl Bromides. <i>Synthetic Communications</i> , 2009, 39, 4298-4308. | 2.1 | 4 |
| 29 | Stereoselective Synthesis of (E)-2-arylvinyl Bromides from Anti-2,3-dibromo-3-arylpropanoic Acids. <i>Journal of Chemical Research</i> , 2014, 38, 115-117. | 1.3 | 4 |
| 30 | Synthesis of phenylacetylene containing 1,2,3-triazole group. <i>Research on Chemical Intermediates</i> , 2009, 35, 589-595. | 2.7 | 3 |
| 31 | A facile approach for the synthesis of 1,3-di- and 1,2,3-tri-substituted indolizines. <i>Canadian Journal of Chemistry</i> , 2015, 93, 542-545. | 1.1 | 3 |
| 32 | One-Pot Synthesis of Trans-4-Alkylthio- and 4-Arylthio-Cinnamic Acids from Trans-4-Chlorosulfonylcinnamic Acid in an Aqueous Medium. <i>Journal of Chemical Research</i> , 2008, 2008, 546-548. | 1.3 | 2 |
| 33 | Synthesis of phenyl azides bearing (E)-2-halovinyl group. <i>Research on Chemical Intermediates</i> , 2012, 38, 37-44. | 2.7 | 2 |
| 34 | A Facile Total Synthesis of Mubritinib. <i>Synthesis</i> , 2021, 53, 978-982. | 2.3 | 2 |
| 35 | A One-pot Synthesis of Novel Functionalized (E)-2-Arylvinyl Bromides from anti-2,3-Dibromo-3-(4-carboxyphenyl)propanoic Acid. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 865-870. | 0.7 | 1 |
| 36 | Synthesis of vinyl-1,2,3-triazole derivatives under transition metal-free conditions. <i>RSC Advances</i> , 2021, 11, 38933-38937. | 3.6 | 1 |

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|----|--|-----|-----------|
| 37 | Evaluation and comparison of the commonly used bioassays of human indoleamine 2,3-dioxygenase 1 (IDO1) and tryptophan 2,3-dioxygenase (TDO). Bioorganic Chemistry, 2020, 104, 104348. | 4.1 | 0 |
| 38 | Forty-three key gene expressions involved in the effect of indoleamine 2,3-dioxygenase 1 expression on cancer prognosis may be a potential indoleamine 2,3-dioxygenase 1 inhibitor biomarker. Clinical and Translational Medicine, 2021, 11, e330. | 4.0 | 0 |