

Julian G Knight

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2931738/publications.pdf>

Version: 2024-02-01

44
papers

1,081
citations

394421

19
h-index

414414

32
g-index

44
all docs

44
docs citations

44
times ranked

1430
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Circularly Polarized Luminescence from Helically Chiral β -Boron-Chelated Dipyrromethenes. <i>Chemistry - A European Journal</i> , 2016, 22, 93-96. | 3.3 | 117 |
| 2 | Gold(I) Complexes of KITPHOS Monophosphines: Efficient Cycloisomerisation Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 576-582. | 4.3 | 80 |
| 3 | Highly Selective and Solvent-Dependent Reduction of Nitrobenzene to <i>N</i> -Phenylhydroxylamine, Azoxybenzene, and Aniline Catalyzed by Phosphino-Modified Polymer Immobilized Ionic Liquid-Stabilized AuNPs. <i>ACS Catalysis</i> , 2019, 9, 4777-4791. | 11.2 | 77 |
| 4 | Efficient and selective hydrogen peroxide-mediated oxidation of sulfides in batch and segmented and continuous flow using a peroxometalate-based polymer immobilised ionic liquid phase catalyst. <i>Green Chemistry</i> , 2015, 17, 1559-1571. | 9.0 | 63 |
| 5 | Highly efficient aqueous phase reduction of nitroarenes catalyzed by phosphine-decorated polymer immobilized ionic liquid stabilized PdNPs. <i>Catalysis Science and Technology</i> , 2018, 8, 1454-1467. | 4.1 | 63 |
| 6 | Efficient Cycloisomerization of Propargyl Amides by Electrophilic Gold(I) Complexes of KITPHOS Monophosphines: A Comparative Study. <i>Organometallics</i> , 2010, 29, 4139-4147. | 2.3 | 60 |
| 7 | An efficient recyclable peroxometalate-based polymer-immobilised ionic liquid phase (PIILP) catalyst for hydrogen peroxide-mediated oxidation. <i>Green Chemistry</i> , 2012, 14, 925. | 9.0 | 55 |
| 8 | Circularly Polarised Luminescence from Helically Chiral β -Confused β -Boron-Chelated Dipyrromethenes (BODIPYs). <i>ChemPhotoChem</i> , 2017, 1, 513-517. | 3.0 | 54 |
| 9 | Gold-Catalyzed Cyclizations: A Comparative Study of <i>ortho</i> - β -Substituted KITPHOS Monophosphines with their Biaryl Monophosphine Counterpart SPHOS. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 749-759. | 4.3 | 52 |
| 10 | Remarkable Differences in Catalyst Activity and Selectivity for the Production of Methyl Propanoate versus CO ² /Ethylene Copolymer by a Series of Palladium Complexes of Related C4-Bridged Diphosphines. <i>Organometallics</i> , 2000, 19, 4957-4967. | 2.3 | 48 |
| 11 | Highly efficient aqueous phase chemoselective hydrogenation of α,β -unsaturated aldehydes catalysed by phosphine-decorated polymer immobilized IL-stabilized PdNPs. <i>Green Chemistry</i> , 2017, 19, 1635-1641. | 9.0 | 39 |
| 12 | Ruthenium Complexes of η^6 -Coordinated KITPHOS Monophosphines: Efficient Catalysts for the Direct <i>Ortho</i> Arylation of 2-Phenylpyridine and <i>N</i> -Phenylpyrazole with Aryl Chlorides. <i>Organometallics</i> , 2011, 30, 6010-6016. | 2.3 | 38 |
| 13 | An efficient Cu(η^2)-bis(oxazoline)-based polymer immobilised ionic liquid phase catalyst for asymmetric carbon-carbon bond formation. <i>Green Chemistry</i> , 2014, 16, 1470-1479. | 9.0 | 35 |
| 14 | Ruthenium Complexes of Six-Electron-Donor NUPHOS-Type Diphosphines: Highly Selective Catalysts for the Hydrocarboxylation of Terminal Alkynes. <i>Organometallics</i> , 2005, 24, 2633-2644. | 2.3 | 34 |
| 15 | A new chiral boron-dipyrromethene (BODIPY)-based fluorescent probe: molecular docking, DFT, antibacterial and antioxidant approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 5429-5442. | 3.5 | 34 |
| 16 | Heteroatom Donor-Decorated Polymer-Immobilized Ionic Liquid Stabilized Palladium Nanoparticles: Efficient Catalysts for Room-Temperature Suzuki-Miyaura Cross-Coupling in Aqueous Media. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3716-3731. | 4.3 | 32 |
| 17 | Triaryl-Like MONO-, BIS-, and TRISKITPHOS Phosphines: Synthesis, Solution NMR Studies, and a Comparison in Gold-Catalyzed Carbon-Heteroatom Bond Forming 5- <i>exo</i> -dig and 6- <i>endo</i> -dig Cyclizations. <i>Organometallics</i> , 2016, 35, 1265-1278. | 2.3 | 27 |
| 18 | Efficient and selective oxidation of sulfides in batch and continuous flow using styrene-based polymer immobilised ionic liquid phase supported peroxotungstates. <i>RSC Advances</i> , 2016, 6, 73118-73131. | 3.6 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Synthesis of γ -lactones from 2-alkynyl epoxides and 4-alkynyl-1,3-dioxolan-2-ones by palladium catalysed carbonylation and conjugate nucleophilic addition. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3188-3190. | 1.3 | 26 |
| 20 | Palladium mesoporous nanoparticles Pd NPs@[KIT-6] and Pd NPs@[KIT-6]-PEG-imid as efficient heterogeneous catalysts for H ₂ production from NaBH ₄ hydrolysis. <i>Fuel</i> , 2022, 325, 124962. | 6.4 | 17 |
| 21 | Synthesis of 3-aminoBODIPY dyes via copper-catalyzed vicarious nucleophilic substitution of 2-halogeno derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3819-3829. | 2.8 | 12 |
| 22 | Thermally-Activated, Delayed Fluorescence in O,B,O- and N,B,O-Strapped Boron Dipyrromethene Derivatives. <i>Journal of Physical Chemistry A</i> , 2017, 121, 2096-2107. | 2.5 | 11 |
| 23 | Efficient Hydrolytic Hydrogen Evolution from Sodium Borohydride Catalyzed by Polymer Immobilized Ionic Liquid- σ -Stabilized Platinum Nanoparticles. <i>ChemCatChem</i> , 2022, 14, . | 3.7 | 11 |
| 24 | Synthesis, Structure and Photophysical Properties of a New Class of Inherently Chiral Boron(III) Chelates- σ -The $\langle i \rangle$ tert- $\langle i \rangle$ -Leucine Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 5246-5258. | 3.3 | 10 |
| 25 | Synthesis of 2-aminoBODIPYs by palladium catalysed amination. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7643-7653. | 2.8 | 9 |
| 26 | Synthesis and Reactivity of 3,5-Diiodo-BODIPYs via a Concerted, Double Aromatic Finkelstein Reaction. <i>Organic Letters</i> , 2021, 23, 8595-8599. | 4.6 | 8 |
| 27 | Highly efficient and selective aqueous phase hydrogenation of aryl ketones, aldehydes, furfural and levulinic acid and its ethyl ester catalyzed by phosphine oxide-decorated polymer immobilized ionic liquid-stabilized ruthenium nanoparticles. <i>Catalysis Science and Technology</i> , 0, , . | 4.1 | 6 |
| 28 | Synthesis, Molecular Docking, and DFT Calculation of a Half- σ -Strapped BODIPY as Potential EGFR Inhibitor**. <i>ChemistrySelect</i> , 2020, 5, 13163-13173. | 1.5 | 5 |
| 29 | Synthesis of 3,5-dichloro-4,4-difluoro-4-bora-3a,4a-diaza-s-indacenes (BODIPYs) via Cu(OTf) ₂ mediated oxidative nucleophilic substitution of hydrogen by chloride. <i>Tetrahedron</i> , 2020, 76, 131113. | 1.9 | 5 |
| 30 | Bimetallic Ru:Co Mesoporous Nanoparticles Stabilized by PEG and Imidazolium Ionic Liquid Based [KIT-6] as an Efficient Heterogeneous Catalyst for Suzuki-Miyaura Cross-Couplings in H ₂ O:EtOH Solution. <i>Catalysis Letters</i> , 2022, 152, 3761-3771. | 2.6 | 5 |
| 31 | Near- σ -Infrared Circularly Polarised Luminescence from Helically Extended Chiral $\langle i \rangle$ N,N,O- $\langle i \rangle$ -Boron Chelated Dipyrromethenes. <i>ChemPhotoChem</i> , 2022, 6, . | 3.0 | 5 |
| 32 | Recent Developments in Alkyne Carbonylation. , 0, , 251-290. | | 4 |
| 33 | Arene- σ -Immobilized Ru(II)/TsDPEN Complexes: Synthesis and Applications to the Asymmetric Transfer Hydrogenation of Ketones. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 226-235. | 2.0 | 4 |
| 34 | Pyrrylquinoline-BF ₂ and BPh ₂ BODIPY-Type Analogues: Synthesis, Structural Analysis and Photophysical Properties. <i>Crystals</i> , 2021, 11, 1103. | 2.2 | 3 |
| 35 | σ -Extended Boron Difluoride [N σ -NBF ₂] Complex, Crystal Structure, Liquid NMR, Spectral, XRD/HSA Interactions: A DFT and TD-DFT Study. <i>Crystals</i> , 2021, 11, 606. | 2.2 | 2 |
| 36 | Stuart Warren (24 Dec 1938-22 Mar 2020). <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7236-7237. | 2.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Carbenes and Nitrenes. Organic Reaction Mechanisms, 0, , 127-145. | 0.0 | 1 |
| 38 | Heteroatom modified polymer immobilized ionic liquid stabilized ruthenium nanoparticles: Efficient catalysts for the hydrolytic evolution of hydrogen from sodium borohydride. Molecular Catalysis, 2022, 528, 112476. | 2.0 | 1 |
| 39 | Carbenes and Nitrenes. Organic Reaction Mechanisms, 0, , 213-230. | 0.0 | 0 |
| 40 | Carbenes and Nitrenes. , 0, , 221-239. | | 0 |
| 41 | Carbenes and Nitrenes. , 0, , 253-273. | | 0 |
| 42 | The Synthesis of Biarylmonophosphonates via Palladium-Catalyzed Phosphonation, Iridium-Catalyzed C-H Borylation, Palladium-Catalyzed Suzukiâ€Miyaura Cross-Coupling. Catalysis Letters, 0, , 1. | 2.6 | 0 |
| 43 | Carbenes and Nitrenes. Organic Reaction Mechanisms, 0, , 183-200. | 0.0 | 0 |
| 44 | Carbenes and Nitrenes. Organic Reaction Mechanisms, 0, , 175-193. | 0.0 | 0 |