

# Julian G Knight

## List of Publications by Year in descending order

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44  
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394421

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#	ARTICLE	IF	CITATIONS
1	Efficient Hydrolytic Hydrogen Evolution from Sodium Borohydride Catalyzed by Polymer Immobilized Ionic Liquid-Stabilized Platinum Nanoparticles. <i>ChemCatChem</i> , 2022, 14, .	3.7	11
2	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 <sub>2</sub> O:EtOH Solution. <i>Catalysis Letters</i> , 2022, 152, 3761-3771.	2.6	5
3	Near-Infrared Circularly Polarised Luminescence from Helically Extended Chiral <i>N,N,O,O</i> -Boron Chelated Dipyrromethenes. <i>ChemPhotoChem</i> , 2022, 6, .	3.0	5
4	Palladium mesoporous nanoparticles Pd NPs@[KIT-6] and Pd NPs@[KIT-6]-PEG-imid as efficient heterogeneous catalysts for H <sub>2</sub> production from NaBH <sub>4</sub> hydrolysis. <i>Fuel</i> , 2022, 325, 124962.	6.4	17
5	Heteroatom modified polymer immobilized ionic liquid stabilized ruthenium nanoparticles: Efficient catalysts for the hydrolytic evolution of hydrogen from sodium borohydride. <i>Molecular Catalysis</i> , 2022, 528, 112476.	2.0	1
6	Synthesis, Structure and Photophysical Properties of a New Class of Inherently Chiral Boron(III) Chelates-The <i>tert</i> -Leucine Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 5246-5258.	3.3	10
7	Extended Boron Difluoride [N <sup>-</sup> NBF <sub>2</sub> ] Complex, Crystal Structure, Liquid NMR, Spectral, XRD/HSA Interactions: A DFT and TD-DFT Study. <i>Crystals</i> , 2021, 11, 606.	2.2	2
8	Pyrrrolylquinoline-BF <sub>2</sub> and BPh <sub>2</sub> BODIPY-Type Analogues: Synthesis, Structural Analysis and Photophysical Properties. <i>Crystals</i> , 2021, 11, 1103.	2.2	3
9	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
10	Arene-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
11	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
12	Synthesis, Molecular Docking, and DFT Calculation of a Half-Strapped BODIPY as Potential EGFR Inhibitor**. <i>ChemistrySelect</i> , 2020, 5, 13163-13173.	1.5	5
13	Stuart Warren (24 Dec 1938-22 Mar 2020). <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7236-7237.	2.8	1
14	Synthesis of 3,5-dichloro-4,4-difluoro-4-bora-3a,4a-diaza-s-indacenes (BODIPYs) via Cu(OTf) <sub>2</sub> mediated oxidative nucleophilic substitution of hydrogen by chloride. <i>Tetrahedron</i> , 2020, 76, 131113.	1.9	5
15	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
16	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
17	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
18	Highly efficient aqueous phase chemoselective hydrogenation of $\alpha,\beta$ -unsaturated aldehydes catalysed by phosphine-decorated polymer immobilized IL-stabilized PdNPs. <i>Green Chemistry</i> , 2017, 19, 1635-1641.	9.0	39

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19	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
20	Synthesis of 2-aminoBODIPYs by palladium catalysed amination. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7643-7653.	2.8	9
21	Circularly Polarised Luminescence from Helically Chiral $\alpha$ -Confused $\beta$ - $\gamma$ -Boron $\alpha$ -Chelated Dipyrromethenes (BODIPYs). <i>ChemPhotoChem</i> , 2017, 1, 513-517.	3.0	54
22	Circularly Polarized Luminescence from Helically Chiral $\alpha$ - $\beta$ -Boron $\alpha$ -Chelated Dipyrromethenes. <i>Chemistry - A European Journal</i> , 2016, 22, 93-96.	3.3	117
23	Triaryl-Like MONO-, BIS-, and TRISKITPHOS Phosphines: Synthesis, Solution NMR Studies, and a Comparison in Gold-Catalyzed Carbon $\alpha$ -Heteroatom Bond Forming 5- $\gamma$ -exo- $\gamma$ -dig and 6- $\gamma$ -endo- $\gamma$ -dig Cyclizations. <i>Organometallics</i> , 2016, 35, 1265-1278.	2.3	27
24	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
25	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
26	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
27	An efficient Cu( $\gamma$ )-bis(oxazoline)-based polymer immobilised ionic liquid phase catalyst for asymmetric carbon $\alpha$ -carbon bond formation. <i>Green Chemistry</i> , 2014, 16, 1470-1479.	9.0	35
28	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
29	Ruthenium Complexes of $\gamma$ (P)- and $\gamma$ (P)- $\gamma$ -Coordinated KITPHOS Monophosphines: Efficient Catalysts for the Direct Ortho Arylation of 2-Phenylpyridine and $\gamma$ -Phenylpyrazole with Aryl Chlorides. <i>Organometallics</i> , 2011, 30, 6010-6016.	2.3	38
30	Gold $\alpha$ -Catalyzed Cyclizations: A Comparative Study of $\gamma$ ortho- $\gamma$ - $\gamma$ -Substituted KITPHOS Monophosphines with their Biaryl Monophosphine Counterpart SPHOS. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 749-759.	4.3	52
31	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
32	Gold(I) Complexes of KITPHOS Monophosphines: Efficient Cycloisomerisation Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 576-582.	4.3	80
33	Ruthenium Complexes of Six-Electron-Donor NUPHOS-Type Diphosphines: $\alpha$ Highly Selective Catalysts for the Hydrocarboxylation of Terminal Alkynes. <i>Organometallics</i> , 2005, 24, 2633-2644.	2.3	34
34	Remarkable Differences in Catalyst Activity and Selectivity for the Production of Methyl Propanoate versus CO $\alpha$ -Ethylene Copolymer by a Series of Palladium Complexes of Related C4-Bridged Diphosphines. <i>Organometallics</i> , 2000, 19, 4957-4967.	2.3	48
35	Synthesis of $\gamma$ -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
36	Carbenes and Nitrenes. <i>Organic Reaction Mechanisms</i> , 0, , 213-230.	0.0	0

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37	Carbenes and Nitrenes. , 0 , 221-239.		0
38	Carbenes and Nitrenes. , 0 , 253-273.		0
39	Recent Developments in Alkyne Carbonylation. , 0 , 251-290.		4
40	The Synthesis of Biarylmonophosphonates via Palladium-Catalyzed Phosphonation, Iridium-Catalyzed C-H Borylation, Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling. Catalysis Letters, 0 , 1.	2.6	0
41	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. Catalysis Science and Technology, 0 , .	4.1	6
42	Carbenes and Nitrenes. Organic Reaction Mechanisms, 0 , 183-200.	0.0	0
43	Carbenes and Nitrenes. Organic Reaction Mechanisms, 0 , 175-193.	0.0	0
44	Carbenes and Nitrenes. Organic Reaction Mechanisms, 0 , 127-145.	0.0	1