

# Jas S Ward

## List of Publications by Year in descending order

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84  
papers

1,250  
citations

361045

20  
h-index

500791

28  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen-bonded halogen(I) ion complexes. , 2023, , 586-601.		9
2	Self-Assembly Synthesis of a [2]Catenane Co <sup>II</sup> Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
3	Protonation-induced fluorescence modulation of carbazole-based emitters. <i>Materials Advances</i> , 2022, 3, 1703-1712.	2.6	6
4	Ligand exchange among iodine( <sup>i</sup> ) complexes. <i>Dalton Transactions</i> , 2022, 51, 4668-4674.	1.6	13
5	Dimeric iodine( <sup>i</sup> ) and silver( <sup>i</sup> ) cages from tripodal N-donor ligands <i>via</i> the [N <sup>+</sup> Ag <sup>N</sup> ] to [N <sup>+</sup> I <sup>N</sup> ] cation exchange reaction. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2231-2239.	3.0	7
6	Do 2-coordinate iodine( <sup>i</sup> ) and silver( <sup>i</sup> ) complexes form nucleophilic iodonium interactions (NIs) in solution?. <i>Chemical Communications</i> , 2022, 58, 4977-4980.	2.2	9
7	Iodine( <sup>i</sup> ) complexes incorporating sterically bulky 2-substituted pyridines. <i>RSC Advances</i> , 2022, 12, 8674-8682.	1.7	6
8	Aggregation of gold( <sup>i</sup> ) complexes: phosphorescence <i>vs.</i> singlet oxygen production. <i>Dalton Transactions</i> , 2022, 51, 8795-8803.	1.6	5
9	Base-promoted direct amidation of esters: beyond the current scope and practical applications. <i>RSC Advances</i> , 2022, 12, 20555-20562.	1.7	3
10	Effect of Gold(I) on the Room-Temperature Phosphorescence of Ethynylphenanthrene. <i>Chemistry - A European Journal</i> , 2021, 27, 1810-1820.	1.7	14
11	Iodonium complexes of the tertiary amines quinuclidine and 1-ethylpiperidine. <i>Dalton Transactions</i> , 2021, 50, 8297-8301.	1.6	16
12	The Synthesis, Structural Characterisation, and Chemoselective Manipulation of Certain Functionalised Cyclic Sulfates Derived from Chiral, Non-Racemic, and Polysubstituted Bicyclo[2.2.2]octane-2,3-diols. <i>Australian Journal of Chemistry</i> , 2021, , .	0.5	0
13	Nucleophilic iodonium interactions (NIs) in 2-coordinate iodine( <sup>i</sup> ) and silver( <sup>i</sup> ) complexes. <i>Chemical Communications</i> , 2021, 57, 5094-5097.	2.2	13
14	Utility of Three-Coordinate Silver Complexes Toward the Formation of Iodonium Ions. <i>Inorganic Chemistry</i> , 2021, 60, 5383-5390.	1.9	24
15	A <i>π</i> -nucleophilic iodine in a halogen-bonded iodonium complex manifests an unprecedented I <sup>+</sup> ⋅⋅⋅Ag <sup>+</sup> interaction. <i>CheM</i> , 2021, 7, 948-958.	5.8	32
16	Synthesis of N-Fused Indolines via Copper (II)-Catalyzed Dearomatizing Cyclization of Indoles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3121-3126.	2.1	7
17	A Rapid and Mild Sulfation Strategy Reveals Conformational Preferences in Therapeutically Relevant Sulfated Xylooligosaccharides. <i>Chemistry - A European Journal</i> , 2021, 27, 9830-9838.	1.7	10
18	Selective Synthesis of <i>Z</i> -Silyl Enol Ethers via Ni-Catalyzed Remote Functionalization of Ketones. <i>Journal of the American Chemical Society</i> , 2021, 143, 8375-8380.	6.6	35

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19	Carbonyl Hypoiodites as Extremely Strong Halogen Bond Donors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20739-20743.	7.2	29
20	Carbonyl Hypoiodites as Extremely Strong Halogen Bond Donors. <i>Angewandte Chemie</i> , 2021, 133, 20907-20911.	1.6	2
21	Dihypoiodites stabilised by 4-ethylpyridine through Oâ€“â€“N halogen bonds. <i>Dalton Transactions</i> , 2021, 50, 14990-14993.	1.6	13
22	Synthesis of Polycyclic Indolines by Utilizing a Reduction/Cyclization Cascade Reaction. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6097-6101.	1.2	5
23	Aggregation versus Biological Activity in Gold(I) Complexes. An Unexplored Concept. <i>Inorganic Chemistry</i> , 2021, 60, 18753-18763.	1.9	7
24	Accelerated dinuclear palladium catalyst identification through unsupervised machine learning. <i>Science</i> , 2021, 374, 1134-1140.	6.0	63
25	A 2,3-dialkoxynaphthalene-based naphthocage. <i>Chemical Communications</i> , 2020, 56, 888-891.	2.2	11
26	Synthesis and Properties of 2,3-Diethynyl-1,3-Butadienes. <i>Angewandte Chemie</i> , 2020, 132, 4174-4182.	1.6	2
27	Synthesis and Properties of 2,3-Diethynyl-1,3-Butadienes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4145-4153.	7.2	8
28	Shedding Light on the Interactions of Hydrocarbon Ester Substituents upon Formation of Dimeric Titanium(IV) Triscatecholates in DMSO Solution. <i>Chemistry - A European Journal</i> , 2020, 26, 1396-1405.	1.7	12
29	Luminescent Pt II and Pt IV Platinacycles with Anticancer Activity Against Multiplatinum-Resistant Metastatic CRC and CRPC Cell Models. <i>Chemistry - A European Journal</i> , 2020, 26, 1947-1952.	1.7	8
30	Total Syntheses of the 3 <i>H</i> -Pyrrolo[2,3- <i>c</i> ]quinolone-Containing Alkaloids Marinoquinolines Aâ€“F, K, and Aplidiopsamine A Using a Palladium-Catalyzed Ullmann Cross-Coupling/Reductive Cyclization Pathway. <i>Journal of Organic Chemistry</i> , 2020, 85, 650-663.	1.7	14
31	Helicates with Ether-Substituted Catechol Esters as Ligands. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5161-5172.	1.2	6
32	Iterative Suzuki-Miyaura Cross-coupling/Bromo-desilylation Reaction Sequences for the Assembly of Chemically Well-defined, Acyclic Oligopyrrole/Benzenoid Hybrids Embodying Mixed Modes of Connectivity. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3059-3081.	1.7	1
33	A Bis-Acrinium Macrocycle as Multi-Responsive Receptor and Selective Phase-Transfer Agent of Perylene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23206-23212.	7.2	12
34	Fluorescence enhancement of quinolines by protonation. <i>RSC Advances</i> , 2020, 10, 29385-29393.	1.7	22
35	Iron(III) Chloride as a Mild Catalyst for the Dearomatizing Cyclization of <i>N</i> -Acyloindoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 12160-12174.	1.7	10
36	A Bis-Acrinium Macrocycle as Multi-Responsive Receptor and Selective Phase-Transfer Agent of Perylene. <i>Angewandte Chemie</i> , 2020, 132, 23406-23412.	1.6	5

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37	A supramolecular system that strictly follows the binding mechanism of conformational selection. <i>Nature Communications</i> , 2020, 11, 2740.	5.8	42
38	Room-Temperature Phosphorescence and Efficient Singlet Oxygen Production by Cyclometalated Pt(II) Complexes with Aromatic Alkynyl Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 8220-8230.	1.9	22
39	Asymmetric [Nâ€“â€“N] <sup>+</sup> halonium complexes. <i>Chemical Communications</i> , 2020, 56, 8428-8431.	2.2	41
40	Selective Formation of <i>S</i>- and <i>T</i>-Symmetric Supramolecular Tetrahedral Cages and Helicates in Polar Media Assembled via Cooperative Action of Coordination and Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 3658-3670.	6.6	45
41	Semi-bridging Îƒ-silyls as Z-type ligands. <i>Chemical Communications</i> , 2020, 56, 3532-3535.	2.2	6
42	Self-assembly of M <sub>4</sub> L <sub>4</sub> tetrahedral cages incorporating pendant Pt <sup>II</sup> and Pt <sup>IV</sup> functionalised ligands. <i>Chemical Communications</i> , 2019, 55, 10304-10307.	2.2	6
43	Tetravinylallene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14573-14577.	7.2	8
44	Tetravinylallene. <i>Angewandte Chemie</i> , 2019, 131, 14715-14719.	1.6	0
45	Tandem Ullmannâ€“Goldberg Cross-Coupling/Cyclopalladation-Reductive Elimination Reactions and Related Sequences Leading to Polyfunctionalized Benzofurans, Indoles, and Phthalanes. <i>Organic Letters</i> , 2019, 21, 6342-6346.	2.4	18
46	Diene-Transmissive Dielsâ€“Alder Sequences with Benzynes. <i>Organic Letters</i> , 2019, 21, 7529-7533.	2.4	11
47	A general synthesis of dendralenes. <i>Chemical Science</i> , 2019, 10, 9969-9973.	3.7	25
48	The Synthesis of Quinolineâ€“based Tin Complexes with Pendant Schiff Bases. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 694-699.	0.6	5
49	Electrocyclic Ring-Opening of 6,6-Dichlorobicyclo[3.1.0]-hexanes and Trapping of the Resulting Îƒ-Allyl Cations by C-1 Tethered Hydroxyamine Derivatives: Formation of 2-Oxa-1-azaspiro[4.5]decan-3-ones. <i>Australian Journal of Chemistry</i> , 2019, 72, 434.	0.5	1
50	A Broadâ€“Spectrum Synthesis of Tetravinylethylenes. <i>Chemistry - A European Journal</i> , 2019, 25, 4072-4076.	1.7	8
51	Hydrogenating an organometallic carbon chain: buten-yn-diyI (CHâ€“CHCâ€“,C) as a missing link. <i>Dalton Transactions</i> , 2019, 48, 16534-16554.	1.6	5
52	Palladium-Catalyzed Ullmann Cross-Coupling of Î²-Iodoenones and Î²-Iodoacrylates with <i>o</i>-Halonitroarenes or <i>o</i>-Iodobenzonitriles and Reductive Cyclization of the Resulting Products To Give Diverse Heterocyclic Systems. <i>Organic Letters</i> , 2018, 20, 2770-2773.	2.4	16
53	Iridium complexes of perimidine-based N-heterocyclic carbene pincer ligands<i> via</i> aminal Câ€“H activation. <i>Dalton Transactions</i> , 2018, 47, 1577-1587.	1.6	22
54	Supramolecular frameworks based on 5,10,15,20-tetra(4-carboxyphenyl)porphyrins. <i>Dalton Transactions</i> , 2018, 47, 783-790.	1.6	17

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55	A Total Synthesis of the Antifungal Deoxyaminocyclitol Nabscessin B from <i>l</i> -(+)-Tartaric Acid. <i>Organic Letters</i> , 2018, 20, 142-145.	2.4	14
56	Synthesis and reactivity of selenium functionalised allylidynes and propargylidynes. <i>Dalton Transactions</i> , 2018, 47, 14621-14629.	1.6	6
57	Mechanistic Studies on the Base-Promoted Conversion of Alkoxy-Substituted, Ring-Fused <i>gem</i> -Dihalocyclopropanes into Furans: Evidence for a Process Involving Electrocyclic Ring Closure of a Carbonyl Ylide Intermediate. <i>Journal of Organic Chemistry</i> , 2018, 83, 13678-13690.	1.7	7
58	Syntheses of Structurally and Stereochemically Varied Forms of C <sub>7</sub> N Aminocyclitol Derivatives from Enzymatically Derived and Homochiral <i>cis</i> -1,2-Dihydrocatechols. <i>Organic Letters</i> , 2018, 20, 7225-7228.	2.4	14
59	Total Synthesis of (+)-Viridianol, a Marine-Derived Sesquiterpene Embodying the Decahydrocyclobuta[ <i>d</i> ]indene Framework. <i>Journal of Organic Chemistry</i> , 2018, 83, 14049-14056.	1.7	12
60	Total Synthesis of Suillusin. <i>Organic Letters</i> , 2018, 20, 7304-7307.	2.4	4
61	Reductive Cyclization of <i>o</i> -Nitroarylated- $\alpha,\beta$ -unsaturated Aldehydes and Ketones with TiCl <sub>3</sub> /HCl or Fe/HCl Leading to 1,2,3,9-Tetrahydro-4 <i>H</i> -carbazol-4-ones and Related Heterocycles. <i>Journal of Organic Chemistry</i> , 2018, 83, 12023-12033.	1.7	16
62	Bimetallic Complexes of Group 8, 9, and 11 Metals Bridged by RB(NCH <sub>2</sub> ) <sub>2</sub> PPH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>4</sub> (R = H, Tj ETQq0 0 0 rgBT <sub>1</sub> /Overlock <sub>1</sub> 10 Tf 50 4	1.0	1
63	Synthetic Studies on the Natural Product Myrsinoic Acid F Reveal Biologically Active Analogues. <i>Organic Letters</i> , 2018, 20, 3984-3987.	2.4	4
64	Symmetry breaking above room temperature in an Fe( <i>ii</i> ) spin crossover complex with an N <sub>4</sub> O <sub>2</sub> donor set. <i>Chemical Communications</i> , 2017, 53, 1374-1377.	2.2	41
65	Halogen Substitution Effects on N <sub>2</sub> O Schiff Base Ligands in Unprecedented Abrupt Fe( <i>sup</i> )II( <i>sup</i> ) Spin Crossover Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 7052-7065.	1.7	53
66	Synthetic and structural studies of phosphine coordinated boronium salts. <i>Dalton Transactions</i> , 2017, 46, 7291-7308.	1.6	6
67	Rearrangement of bis(alkylidynyl)phosphines to phospho-acyls. <i>Chemical Communications</i> , 2017, 53, 1832-1835.	2.2	27
68	Dihydrobis(methimazolyl)borato complexes of ruthenium and osmium. <i>Dalton Transactions</i> , 2017, 46, 14957-14972.	1.6	11
69	Total Synthesis of the Marine Alkaloid Discoipyrrole C via the MoOPH-Mediated Oxidation of a 2,3,5-Trisubstituted Pyrrole. <i>Journal of Natural Products</i> , 2017, 80, 3305-3313.	1.5	10
70	Synthesis and reactivity of osmium and ruthenium PBPâ€‘LXL boryl pincer complexes. <i>Polyhedron</i> , 2016, 120, 185-195.	1.0	21
71	Formation of a Polythreaded, Metalâ€‘Organic Framework Utilizing an Interlocked Hexadentate, Carboxylate Linker. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4524-4529.	1.0	17
72	Organometallic chemistry of ethynyl boronic acid MIDA ester, HCi€‘CB(O <sub>2</sub> CCH <sub>2</sub> ) <sub>2</sub> NMe. <i>Dalton Transactions</i> , 2015, 44, 5713-5726.	1.6	10

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73	Total Syntheses of the Resorcylic Acid Lactone Neocosmosin A and Its Enantiomer. <i>Journal of Organic Chemistry</i> , 2015, 80, 4828-4833.	1.7	22
74	Thioxoethenylidene (CCS) as a Bridging Ligand. <i>Organometallics</i> , 2015, 34, 328-334.	1.1	16
75	Selenoxopropadienylidene (CCCSe) as a Bridging Ligand. <i>Organometallics</i> , 2015, 34, 361-365.	1.1	18
76	A Chemoenzymatic Route to the (+)-Form of the Amaryllidaceae Alkaloid Narseronine. <i>Australian Journal of Chemistry</i> , 2015, 68, 241.	0.5	8
77	Ruthenium and osmium complexes of dihydroperimidine-based N-heterocyclic carbene pincer ligands. <i>Dalton Transactions</i> , 2015, 44, 20376-20385.	1.6	26
78	Synthesis of a Stable Methyldiyne Complex. <i>Organometallics</i> , 2015, 34, 5057-5064.	1.1	19
79	Modular Total Syntheses of the Marine-Derived Resorcylic Acid Lactones Cochliomycins A and B Using a Late-Stage Nozaki-Kishi Macrocyclization Reaction. <i>Journal of Organic Chemistry</i> , 2015, 80, 460-470.	1.7	31
80	Chemoenzymatic Total Synthesis and Reassignment of the Absolute Configuration of Ribisin C. <i>Organic Letters</i> , 2014, 16, 228-231.	2.4	16
81	N-Heterocyclic Silyl Pincer Ligands. <i>Organometallics</i> , 2014, 33, 653-658.	1.1	42
82	From toluene to triquinanes: formal total syntheses of the sesquiterpenoid natural products (âˆ“)hypnophilin and (âˆ“)coriolin. <i>Tetrahedron</i> , 2013, 69, 1363-1368.	1.0	21
83	Facile Isomerization and Unprecedented Decarbonation of Metallacarboranes with Fluorinated Aryl Substituents. <i>Organometallics</i> , 2012, 31, 2523-2525.	1.1	8
84	Self-assembly synthesis of a [2]catenane Co(II) single-molecule magnet. <i>Angewandte Chemie</i> , 0, , .	1.6	0