

Allan J B Watson

List of Publications by Year in descending order

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77
papers

3,173
citations

159358

30
h-index

168136

53
g-index

89
all docs

89
docs citations

89
times ranked

3548
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Synthesis of Heterocyclic Chloroamines and Aziridines by Enantioselective Protonation of Catalytically Generated Enamines**. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	4
2	Synthesis of 2-BMIDA Indoles via Heteroannulation: Applications in Drug Scaffold and Natural Product Synthesis. <i>Organic Letters</i> , 2022, 24, 3024-3027.	2.4	8
3	<i>In Vivo</i> Half-Life Extension of BMP1/TLL Metalloproteinase Inhibitors Using Small-Molecule Human Serum Albumin Binders. <i>Bioconjugate Chemistry</i> , 2021, 32, 279-289.	1.8	4
4	Cu(OTf) ₂ -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7935-7940.	7.2	11
5	Cu(OTf) ₂ -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products**. <i>Angewandte Chemie</i> , 2021, 133, 8014-8019.	1.6	0
6	Direct, Late-Stage Mono-N Arylation of Pentamidine: Method Development, Mechanistic Insight, and Expedient Access to Novel Antiparasitics against Diamidine-Resistant Parasites. <i>ChemMedChem</i> , 2021, 16, 3396-3401.	1.6	2
7	An Alternative Synthesis of Cycloalkyl-Substituted CPA Catalysts and Application in Asymmetric Protonation Reactions**. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4943-4945.	1.2	2
8	Four-Membered Rings With One Boron or Other Atom. , 2021, , 385-385.		0
9	Boron Complexes in Organic Synthesis. , 2021, , .		0
10	Discovery, Scope, and Limitations of an N-Dealkylation/N-Arylation of Secondary Sulfonamides under Chan-Lam Conditions. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 364-367.	1.3	11
11	First experimental evidence for a bis-ethene chromium(I) complex forming from an activated ethene oligomerization catalyst. <i>Science Advances</i> , 2020, 6, .	4.7	17
12	The Problem with Problems: Fundamental to Applied Research Using Palladium. <i>Synlett</i> , 2020, 31, 1244-1258.	1.0	2
13	Catalytic Enantioselective Synthesis of Heterocyclic Vicinal Fluoroamines by Using Asymmetric Protonation: Method Development and Mechanistic Study. <i>Chemistry - A European Journal</i> , 2020, 26, 12249-12255.	1.7	18
14	Deoxyfluorination with CuF ₂ : Enabled by Using a Lewis Base Activating Group. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8460-8463.	7.2	22
15	Deoxyfluorination with CuF ₂ : Enabled by Using a Lewis Base Activating Group. <i>Angewandte Chemie</i> , 2020, 132, 8538-8541.	1.6	6
16	N-Alkyl- α -amino acids in Nature and their biocatalytic preparation. <i>Journal of Biotechnology</i> , 2019, 293, 56-65.	1.9	28
17	Ni vs. Pd in Suzuki-Miyaura ² cross-coupling: a head-to-head study in a comparable precatalyst/ligand system. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5055-5059.	1.5	26
18	Mechanism of Cu-Catalyzed Aryl Boronic Acid Halodeboronation Using Electrophilic Halogen: Development of a Base-Catalyzed Iododeboronation for Radiolabeling Applications. <i>Organic Letters</i> , 2019, 21, 2488-2492.	2.4	31

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19	Mechanistic Development and Recent Applications of the Chan–Lam Amination. <i>Chemical Reviews</i> , 2019, 119, 12491-12523.	23.0	276
20	A Cascade Suzuki–Miyaura/Diels–Alder Protocol: Exploring the Bifunctional Utility of Vinyl Bpin. <i>Synlett</i> , 2019, 30, 787-791.	1.0	14
21	Contra–Thermodynamic, Photocatalytic <i>E</i> – <i>Z</i> Isomerization of Styrenyl Boron Species: Vectors to Facilitate Exploration of Two–Dimensional Chemical Space. <i>Angewandte Chemie</i> , 2018, 130, 3222-3226.	1.6	36
22	Discovery of Tetrahydroquinoxalines as Bromodomain and Extra-Terminal Domain (BET) Inhibitors with Selectivity for the Second Bromodomain. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4317-4334.	2.9	94
23	Cyrene as a bio-based solvent for HATU mediated amide coupling. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2851-2854.	1.5	59
24	Conventional and Bioinspired Syntheses of Monoterpene Indole Alkaloids. <i>Studies in Natural Products Chemistry</i> , 2018, 55, 1-29.	0.8	0
25	Contra–Thermodynamic, Photocatalytic <i>E</i> – <i>Z</i> Isomerization of Styrenyl Boron Species: Vectors to Facilitate Exploration of Two–Dimensional Chemical Space. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3168-3172.	7.2	109
26	Practical synthesis of pharmaceutically relevant molecules enriched in sp ³ character. <i>Chemical Communications</i> , 2018, 54, 46-49.	2.2	18
27	Interrogating Pd(II) Anion Metathesis Using a Bifunctional Chemical Probe: A Transmetalation Switch. <i>Journal of the American Chemical Society</i> , 2018, 140, 126-130.	6.6	44
28	Scalable total synthesis and comprehensive structure–activity relationship studies of the phytotoxin coronatine. <i>Nature Communications</i> , 2018, 9, 1105.	5.8	16
29	Cyrene as a Bio-Based Solvent for the Suzuki–Miyaura Cross-Coupling. <i>Synlett</i> , 2018, 29, 650-654.	1.0	53
30	Dimethylisobornide (DMI) as a Bio-Derived Solvent for Pd-Catalyzed Cross-Coupling Reactions. <i>Synlett</i> , 2018, 29, 2293-2297.	1.0	21
31	A flow platform for degradation-free CuAAC bioconjugation. <i>Nature Communications</i> , 2018, 9, 4021.	5.8	30
32	Mechanistic Insight Enables Practical, Scalable, Room Temperature Chan–Lam <i>N</i> -Arylation of <i>N</i> -Aryl Sulfonamides. <i>ACS Catalysis</i> , 2018, 8, 9560-9566.	5.5	57
33	Catalytic Enantioselective Synthesis of \pm –Chiral Azaheteroaryl Ethylamines by Asymmetric Protonation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11374-11377.	7.2	44
34	Catalytic Enantioselective Synthesis of \pm –Chiral Azaheteroaryl Ethylamines by Asymmetric Protonation. <i>Angewandte Chemie</i> , 2018, 130, 11544-11547.	1.6	12
35	Biocatalytic Synthesis of Chiral <i>N</i> –Functionalized Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13821-13824.	7.2	34
36	Biocatalytic Synthesis of Chiral <i>N</i> –Functionalized Amino Acids. <i>Angewandte Chemie</i> , 2018, 130, 14017-14020.	1.6	14

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37	Emergence of Small-Molecule Non-RGD-Mimetic Inhibitors for RGD Integrins. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3241-3251.	2.9	40
38	Determining the Origin of Rate-Independent Chemoselectivity in CuAAC Reactions: An Alkyne-Specific Shift in Rate-Determining Step. <i>Angewandte Chemie</i> , 2017, 129, 3362-3366.	1.6	11
39	Determining the Origin of Rate-Independent Chemoselectivity in CuAAC Reactions: An Alkyne-Specific Shift in Rate-Determining Step. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3314-3318.	7.2	32
40	Rational Design of Autotaxin Inhibitors by Structural Evolution of Endogenous Modulators. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2006-2017.	2.9	34
41	Spectroscopic Studies of the Chan-Lam Amination: A Mechanism-Inspired Solution to Boronic Ester Reactivity. <i>Journal of the American Chemical Society</i> , 2017, 139, 4769-4779.	6.6	264
42	Strategy for Conditional Orthogonal Sequential CuAAC Reactions Using a Protected Aromatic Ynamine. <i>Journal of Organic Chemistry</i> , 2017, 82, 5461-5468.	1.7	17
43	Amidation of unactivated ester derivatives mediated by trifluoroethanol. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3507-3518.	1.5	31
44	Structure-Activity Relationships of Small Molecule Autotaxin Inhibitors with a Discrete Binding Mode. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 722-748.	2.9	29
45	Chemoselective Suzuki-Miyaura Cross-Coupling via Kinetic Transmetallation. <i>Angewandte Chemie</i> , 2017, 129, 1269-1273.	1.6	7
46	Chemoselective Suzuki-Miyaura Cross-Coupling via Kinetic Transmetallation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1249-1253.	7.2	51
47	Connecting the Dots: Method Development Using Sustainable Solvents. <i>CheM</i> , 2017, 3, 365-368.	5.8	15
48	Recent Developments in Organoboron Chemistry: Old Dogs, New Tricks. <i>CheM</i> , 2017, 3, 31-55.	5.8	424
49	A one-pot tandem chemoselective allylation/cross-coupling via temperature control of a multi-nucleophile/electrophile system. <i>Chemical Communications</i> , 2017, 53, 9139-9142.	2.2	6
50	A Multicomponent Route to Functionalized Amides and Oxazolidinones. <i>Organic Letters</i> , 2017, 19, 6736-6739.	2.4	7
51	Chemoselective One-Pot Synthesis of Functionalized Amino-azaheterocycles Enabled by COWare. <i>Organic Letters</i> , 2017, 19, 6368-6371.	2.4	18
52	Modular, Step-Efficient Palladium-Catalyzed Cross-Coupling Strategy To Access C6-Heteroaryl 2-Aminopurine Ribonucleosides. <i>Organic Letters</i> , 2017, 19, 3759-3762.	2.4	14
53	Chemoselective oxidation of aryl organoboron systems enabled by boronic acid-selective phase transfer. <i>Chemical Science</i> , 2017, 8, 1551-1559.	3.7	59
54	Scope and limitations of a DMF bio-alternative within Sonogashira cross-coupling and Cacchi-type annulation. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2005-2011.	1.3	82

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55	Highlights from the 51st EUCHEM conference on stereochemistry, BÄ¼rgenstock, Switzerland, May 2016. Chemical Communications, 2016, 52, 9173-9177.	2.2	0
56	B-Protected Boronic Acids: Methodology Development and Strategic Application. ACS Symposium Series, 2016, , 379-413.	0.5	8
57	Chanâ€“Evansâ€“Lam Amination of Boronic Acid Pinacol (BPin) Esters: Overcoming the Aryl Amine Problem. Journal of Organic Chemistry, 2016, 81, 3942-3950.	1.7	106
58	Synthetic Approaches to Coronafacic Acid, Coronamic Acid, and Coronatine. Synthesis, 2016, 48, 3429-3448.	1.2	12
59	GSK6853, a Chemical Probe for Inhibition of the BRPF1 Bromodomain. ACS Medicinal Chemistry Letters, 2016, 7, 552-557.	1.3	54
60	Synthesis of 2-BMIDA 6,5-bicyclic heterocycles by Cu(<sc>i</sc>)/Pd(0)/Cu(<sc>ii</sc>) cascade catalysis of 2-iodoaniline/phenols. Chemical Communications, 2016, 52, 8703-8706.	2.2	24
61	Chemoselective Sequential Click Ligations Directed by Enhanced Reactivity of an Aromatic Ynamine. Organic Letters, 2016, 18, 1694-1697.	2.4	25
62	When two reactions become one. Science, 2016, 351, 26-27.	6.0	0
63	Development of Autotaxin Inhibitors: An Overview of the Patent and Primary Literature. Journal of Medicinal Chemistry, 2016, 59, 5604-5621.	2.9	59
64	Tandem Chemoselective Suzukiâ€“Miyaura Crossâ€“Coupling Enabled by Nucleophile Speciation Control. Angewandte Chemie - International Edition, 2015, 54, 9976-9979.	7.2	50
65	Speciation Control During Suzukiâ€“Miyaura Crossâ€“Coupling of Haloaryl and Haloalkenyl MIDA Boronic Esters. Chemistry - A European Journal, 2015, 21, 8951-8964.	1.7	47
66	One-Pot Homologation of Boronic Acids: A Platform for Diversity-Oriented Synthesis. Organic Letters, 2015, 17, 6030-6033.	2.4	34
67	A modular synthesis of functionalised phenols enabled by controlled boron speciation. Organic and Biomolecular Chemistry, 2015, 13, 3093-3102.	1.5	23
68	Identification of a novel class of autotaxin inhibitors through cross-screening. MedChemComm, 2015, 6, 1149-1155.	3.5	7
69	Strategies towards Chemoselective Suzukiâ€“Miyaura Cross-Coupling. Synlett, 2015, 26, 1139-1144.	1.0	21
70	Catalytic amidation of unactivated ester derivatives mediated by trifluoroethanol. Chemical Communications, 2015, 51, 9495-9498.	2.2	51
71	Chemoselective Boronic Ester Synthesis by Controlled Speciation. Angewandte Chemie - International Edition, 2014, 53, 12077-12080.	7.2	50
72	Amidation of Esters with Amino Alcohols Using Organobase Catalysis. Journal of Organic Chemistry, 2014, 79, 9347-9354.	1.7	27

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73	Development of a solvent selection guide for aldehyde-based direct reductive amination processes. <i>Green Chemistry</i> , 2013, 15, 1159.	4.6	59
74	Development of a Sustainable Catalytic Ester Amidation Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1339-1344.	3.2	37
75	Evaluation of alternative solvents in common amide coupling reactions: replacement of dichloromethane and N,N-dimethylformamide. <i>Green Chemistry</i> , 2013, 15, 596.	4.6	118
76	Asymmetric Rhodium-Catalysed Addition of Arylboronic Acids to Acyclic Unsaturated Esters Containing a Basic β^3 -Amino Group. <i>Synlett</i> , 2012, 23, 2817-2821.	1.0	16
77	Replacement of dichloromethane within chromatographic purification: a guide to alternative solvents. <i>Green Chemistry</i> , 2012, 14, 3016.	4.6	41