

# John E Moses

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

6,613  
citations

81900

39  
h-index

62596

80  
g-index

136  
all docs

136  
docs citations

136  
times ranked

7567  
citing authors

#	ARTICLE	IF	CITATIONS
1	The growing applications of click chemistry. <i>Chemical Society Reviews</i> , 2007, 36, 1249-1262.	38.1	2,147
2	Efficient Conversion of Aromatic Amines into Azides: A One-Pot Synthesis of Triazole Linkages. <i>Organic Letters</i> , 2007, 9, 1809-1811.	4.6	372
3	Copper-Catalyzed Azide-Alkyne Cycloaddition: Regioselective Synthesis of 1,4,5-Trisubstituted 1,2,3-Triazoles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 31-33.	13.8	215
4	Stabilization of G-Quadruplex DNA by Highly Selective Ligands via Click Chemistry. <i>Journal of the American Chemical Society</i> , 2006, 128, 15972-15973.	13.7	212
5	Click Chemistry and Medicinal Chemistry: A Case of Cycloaddition. <i>ChemMedChem</i> , 2008, 3, 715-723.	3.2	185
6	New Synthesis of 1-Substituted-1H-indazoles via 1,3-Dipolar Cycloaddition of <i>in situ</i> Generated Nitrile Imines and Benzyne. <i>Organic Letters</i> , 2010, 12, 3368-3371.	4.6	144
7	Multidimensional SuFEx Click Chemistry: Sequential Sulfur(VI) Fluoride Exchange Connections of Diverse Modules Launched From An SOF <sub>4</sub> Hub. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2903-2908.	13.8	136
8	SuFEx-enabled, agnostic discovery of covalent inhibitors of human neutrophil elastase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18808-18814.	7.1	134
9	SuFEx Chemistry of Thionyl Tetrafluoride (SOF <sub>4</sub> ) with Organolithium Nucleophiles: Synthesis of Sulfonimidoyl Fluorides, Sulfoximines, Sulfonimidamides, and Sulfonimidates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1939-1943.	13.8	108
10	Tuneable DNA-based asymmetric catalysis using a G-quadruplex supramolecular assembly. <i>Chemical Communications</i> , 2010, 46, 4309.	4.1	99
11	Benzyne Click Chemistry with <i>in situ</i> Generated Aromatic Azides. <i>Organic Letters</i> , 2009, 11, 1587-1590.	4.6	96
12	Biocompatible SuFEx Click Chemistry: Thionyl Tetrafluoride (SOF <sub>4</sub> ) Derived Connective Hubs for Bioconjugation to DNA and Proteins. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8029-8033.	13.8	90
13	Studies on the Biomimetic Synthesis of SNF4435 C and D. <i>Organic Letters</i> , 2002, 4, 3731-3734.	4.6	84
14	Diversity Oriented Clicking (DOC): Divergent Synthesis of SuFExable Pharmacophores from 2-Substituted-Alkynyl-Sulfonyl Fluoride (SASF) Hubs. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12460-12469.	13.8	83
15	SuFExable polymers with helical structures derived from thionyl tetrafluoride. <i>Nature Chemistry</i> , 2021, 13, 858-867.	13.6	74
16	Chemoselective Synthesis of Polysubstituted Pyridines from Heteroaryl Fluorosulfates. <i>Chemistry - A European Journal</i> , 2016, 22, 5692-5697.	3.3	72
17	1-Bromoethene-1-sulfonyl fluoride (BESF) is another good connective hub for SuFEx click chemistry. <i>Chemical Communications</i> , 2018, 54, 6020-6023.	4.1	72
18	A New and Efficient Method for <i>o</i> -Quinone Methide Intermediate Generation: Application to the Biomimetic Synthesis of (±)-Alboatrin. <i>Organic Letters</i> , 2004, 6, 3617-3619.	4.6	71

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19	Metal-Free Synthesis of Functional 1-Substituted-1,2,3-Triazoles from Ethenesulfonyl Fluoride and Organic Azides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1181-1186.	13.8	64
20	Bifluoride Ion Mediated SuFEx Trifluoromethylation of Sulfonyl Fluorides and Iminosulfur Oxydifluorides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4552-4556.	13.8	63
21	The Total Synthesis of Spectinabilin and Its Biomimetic Conversion to SNF4435C and SNF4435D. <i>Organic Letters</i> , 2005, 7, 2473-2476.	4.6	61
22	Selectivity of small molecule ligands for parallel and anti-parallel DNA G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4194.	2.8	61
23	Carbene footprinting accurately maps binding sites in protein-ligand and protein-protein interactions. <i>Nature Communications</i> , 2016, 7, 13288.	12.8	61
24	A Silver-Mediated One-Step Synthesis of Oxazoles. <i>Journal of Organic Chemistry</i> , 2011, 76, 3519-3522.	3.2	59
25	Biomimetic Synthesis and Structural Reassignment of the Tridachiahydroprones. <i>Journal of the American Chemical Society</i> , 2009, 131, 5966-5972.	13.7	55
26	An improved synthesis of 1,2-benzisoxazoles: TBAF mediated 1,3-dipolar cycloaddition of nitrile oxides and benzyne. <i>Chemical Communications</i> , 2010, 46, 1272.	4.1	55
27	Chemoselective Palladium-Catalyzed Cyanation of Alkenyl Halides. <i>Organic Letters</i> , 2014, 16, 2158-2161.	4.6	55
28	Biomimetic studies on polyenes. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3670-3684.	2.8	54
29	The biomimetic synthesis of SNF4435C and SNF4435D, and the total synthesis of the polyene metabolites aureothin, N-acetyl-aureothamine and spectinabilin. <i>Tetrahedron</i> , 2006, 62, 1675-1689.	1.9	53
30	Accelerated SuFEx Click Chemistry For Modular Synthesis**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	52
31	A new and efficient method for o-quinone methide intermediate generation: application to the biomimetic synthesis of the benzopyran derived natural products (±)-lucidene and (±)-alboatrin. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3488.	2.8	50
32	Multidimensional SuFEx Click Chemistry: Sequential Sulfur(VI) Fluoride Exchange Connections of Diverse Modules Launched From An SOF <sub>4</sub> Hub. <i>Angewandte Chemie</i> , 2017, 129, 2949-2954.	2.0	50
33	Biomimetic Synthesis of Pyrone-Derived Natural Products: Exploring Chemical Pathways from a Unique Polyketide Precursor. <i>Journal of Organic Chemistry</i> , 2008, 73, 4830-4839.	3.2	49
34	Review on some antioxidant plants growing in Arab world. <i>Journal of Saudi Chemical Society</i> , 2011, 15, 293-307.	5.2	49
35	A Short Total Synthesis of Aureothin and N-Acetylaureothamine. <i>Organic Letters</i> , 2005, 7, 641-644.	4.6	47
36	Reengineering Antibiotics to Combat Bacterial Resistance: Click Chemistry [1,2,3]-Triazole Vancomycin Dimers with Potent Activity against MRSA and VRE. <i>Chemistry - A European Journal</i> , 2017, 23, 79-83.	3.3	45

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37	Structure-based design of selective high-affinity telomeric quadruplex-binding ligands. <i>Chemical Communications</i> , 2010, 46, 9116.	4.1	44
38	Total Synthesis of Panepophenanthrin. <i>Organic Letters</i> , 2003, 5, 2987-2988.	4.6	43
39	SuFEx Chemistry of Thionyl Tetrafluoride (SO <sub>2</sub> F <sub>4</sub> ) with Organolithium Nucleophiles: Synthesis of Sulfonimidoyl Fluorides, Sulfoximines, Sulfonimidamides, and Sulfonimidates. <i>Angewandte Chemie</i> , 2018, 130, 1957-1961.	2.0	43
40	Sulfur-Fluoride Exchange (SuFEx)-Mediated Synthesis of Sterically Hindered and Electron-Deficient Secondary and Tertiary Amides via Acyl Fluoride Intermediates. <i>Chemistry - A European Journal</i> , 2017, 23, 9990-9995.	3.3	37
41	Quantitative and Orthogonal Formation and Reactivity of SuFEx Platforms. <i>Chemistry - A European Journal</i> , 2018, 24, 10550-10556.	3.3	37
42	Targeting telomerase and telomeres: a click chemistry approach towards highly selective G-quadruplex ligands. <i>Molecular BioSystems</i> , 2008, 4, 629.	2.9	36
43	Biomimetic synthesis of (±)-9,10-deoxytridachione. <i>Chemical Communications</i> , 2005, , 1687-1689.	4.1	35
44	G-quadruplex compounds and cis-platin act synergistically to inhibit cancer cell growth in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2009, 78, 115-122.	4.4	34
45	A synthetic approach to kingianin A based on biosynthetic speculation. <i>Chemical Communications</i> , 2011, 47, 10605.	4.1	33
46	Synthesis of Oxadiazol-5-imines via the Cyclizative Capture of <i>in Situ</i> Generated Cyanamide Ions and Nitrile Oxides. <i>Organic Letters</i> , 2016, 18, 1100-1103.	4.6	33
47	Carbene Footprinting Reveals Binding Interfaces of a Multimeric Membrane-Spanning Protein. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14873-14877.	13.8	33
48	Biomimetic Synthesis and Structural Revision of (±)-Tridachiahydropyrone. <i>Organic Letters</i> , 2008, 10, 4025-4027.	4.6	32
49	An efficient entry to 1,2-benzisoxazoles via 1,3-dipolar cycloaddition of in situ generated nitrile oxides and benzyne. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2537.	2.8	32
50	Total synthesis of cyercene A and the biomimetic synthesis of (±)-9,10-deoxytridachione and (±)-ocellapyrone A. <i>Tetrahedron</i> , 2007, 63, 4500-4509.	1.9	31
51	Mechanism of intersubunit ketosynthase-dehydratase interaction in polyketide synthases. <i>Nature Chemical Biology</i> , 2018, 14, 270-275.	8.0	31
52	Synthesis of 1,2,4-Triazol-3-imines via Selective Stepwise Cycloaddition of Nitrile Imines with Organo-cyanamides. <i>Organic Letters</i> , 2018, 20, 4263-4266.	4.6	31
53	Ligand selectivity in stabilising tandem parallel folded G-quadruplex motifs in human telomeric DNA sequences. <i>Chemical Communications</i> , 2014, 50, 15202-15205.	4.1	30
54	Formal synthesis of kingianin A based upon a novel electrochemically-induced radical cation Diels-Alder reaction. <i>Chemical Communications</i> , 2014, 50, 12523-12525.	4.1	30

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55	A novel click-chemistry approach to flame retardant polyurethanes. <i>Reactive and Functional Polymers</i> , 2013, 73, 1207-1212.	4.1	29
56	A click chemistry approach to C3 symmetric, G-quadruplex stabilising ligands. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2926.	2.8	28
57	Modification of Carbon Fibre Surfaces by Sulfur-Fluoride Exchange Click Chemistry. <i>ChemPhysChem</i> , 2018, 19, 3176-3181.	2.1	28
58	Metal-Free Synthesis of Functional 1,2,3-Substituted 1,2,3-Triazoles from Ethenesulfonyl Fluoride and Organic Azides. <i>Angewandte Chemie</i> , 2020, 132, 1197-1202.	2.0	27
59	Diversity Oriented Clicking (DOC): Divergent Synthesis of SuFExable Pharmacophores from 2-Substituted Alkynyl-Sulfonyl Fluoride (SASF) Hubs. <i>Angewandte Chemie</i> , 2020, 132, 12560-12569.	2.0	26
60	New Biological Activities of <i>Casimiroa edulis</i> Leaf Extract and Isolated Compounds. <i>Phytotherapy Research</i> , 2012, 26, 452-457.	5.8	25
61	Antulcerogenic Activities of the Extracts and Isolated Flavonoids of <i>Euphorbia cuneata</i> Vahl. <i>Phytotherapy Research</i> , 2013, 27, 126-130.	5.8	25
62	Targeting glycolysis: a fragment based approach towards bifunctional inhibitors of hLDH-5. <i>Chemical Communications</i> , 2011, 47, 230-232.	4.1	24
63	A fragment based click chemistry approach towards hybrid G-quadruplex ligands: design, synthesis and biophysical evaluation. <i>Tetrahedron</i> , 2012, 68, 197-203.	1.9	24
64	Synthesis of Sulfonyl Azides via Lewis Base Activation of Sulfonyl Fluorides and Trimethylsilyl Azide. <i>Synlett</i> , 2016, 27, 1840-1843.	1.8	24
65	Horner-Wadsworth-Emmons approach to piperlongumine analogues with potent anti-cancer activity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7585-7593.	2.8	24
66	Biomimetic Synthesis of the Crispatene Core. <i>Organic Letters</i> , 2003, 5, 661-663.	4.6	23
67	Structural characterization of the apo form and NADH binary complex of human lactate dehydrogenase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1484-1490.	2.5	23
68	Biocompatible SuFEx Click Chemistry: Thionyl Tetrafluoride (SO <sub>2</sub> F <sub>4</sub> ) Derived Connective Hubs for Bioconjugation to DNA and Proteins. <i>Angewandte Chemie</i> , 2019, 131, 8113-8117.	2.0	23
69	An efficient synthesis of cyercene A. <i>Tetrahedron Letters</i> , 2004, 45, 6447-6448.	1.4	22
70	Bifluoride Ion Mediated SuFEx Trifluoromethylation of Sulfonyl Fluorides and Iminosulfur Oxidifluorides. <i>Angewandte Chemie</i> , 2019, 131, 4600-4604.	2.0	22
71	Microwave Enhancement of a One-Pot Tandem Azidation-Click Cycloaddition of Anilines. <i>Synlett</i> , 2008, 2008, 2089-2092.	1.8	18
72	A catalytic and tert-butoxide ion-mediated amidation of aldehydes with para-nitro azides. <i>Chemical Communications</i> , 2013, 49, 2759.	4.1	17

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73	Thermally induced cascade pericyclic reaction pathways from tetraene esters. <i>Tetrahedron Letters</i> , 2003, 44, 6625-6627.	1.4	13
74	Total synthesis of the epoxyquinol dimer (+)-panepophenanthrin: application of a diastereospecific biomimetic Diels-Alder dimerisation. <i>Tetrahedron</i> , 2006, 62, 9892-9901.	1.9	13
75	Ethynyl-diisopropylsilyl: A New Alkynylsilane Protecting Group and "Click-Linker". <i>Organic Letters</i> , 2010, 12, 2860-2863.	4.6	13
76	New tantalum compounds supported by 3,3'-disubstituted-1,1'-bi-2-naphthoxide ligations. <i>Dalton Transactions RSC</i> , 2000, , 2659-2660.	2.3	12
77	Synthesis and biological evaluation of hybrid acridine-HSP90 ligand conjugates as telomerase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8500-8504.	2.8	12
78	Carbene Footprinting Reveals Binding Interfaces of a Multimeric Membrane-Spanning Protein. <i>Angewandte Chemie</i> , 2017, 129, 15069-15073.	2.0	11
79	Photochemical activity of membrane-localised polyketide derived marine natural products. <i>Tetrahedron</i> , 2018, 74, 1191-1198.	1.9	10
80	Sustainable Syntheses of (â)-Jerantinines A & E and Structural Characterisation of the Jerantine-Tubulin Complex at the Colchicine Binding Site. <i>Scientific Reports</i> , 2018, 8, 10617.	3.3	10
81	Total Synthesis of Polypropionate-Derived Î³-Pyrone Natural Products. <i>Synthesis</i> , 2011, 2011, 2865-2892.	2.3	9
82	Biomimetic Approaches Towards The Synthesis of Complex Dimeric Natural Products. <i>Current Pharmaceutical Design</i> , 2016, 22, 1628-1657.	1.9	9
83	Continuous Flow Synthesis of Secondary Amides by Tandem Azidation- Amidation of Anilines. <i>Synlett</i> , 2012, 23, 1546-1548.	1.8	8
84	The isolation and chemistry of tantalum dimethylamides containing resolved 3,3'-disubstituted-1,1'-bi-2,2'-naphthoxide ligands Electronic supplementary information (ESI) available: ORTEP views of (R)-7, (R,S)-8, (S)-9 and (S)-12. See <a href="http://www.rsc.org/suppdata/dt/b2/b212910h/">http://www.rsc.org/suppdata/dt/b2/b212910h/</a> . <i>Dalton Transactions</i> , 2003, , 1620-1627.	3.3	6
85	Sir Jack Baldwin, FRS: Biomimetic studies at Oxford. <i>Chemical Communications</i> , 2005, , 5945.	4.1	6
86	Accelerated SuFEx Click Chemistry For Modular Synthesis**. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
87	Silver mediated one-step synthesis of oxazoles from Î±-haloketones. <i>Journal of Saudi Chemical Society</i> , 2011, 15, 375-378.	5.2	5
88	Interactions of marine-derived Î³-pyrone natural products with phospholipid membranes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14489.	2.8	4
89	Catalytic Reduction of ortho- and para-Azidonitrobenzenes via tert-Butoxide Ion Mediated Electron Transfer. <i>Synlett</i> , 2013, 24, 652-656.	1.8	4
90	Aminium cation-radical catalysed selective hydration of (<i>E</i>)-aryl enynes. <i>Chemical Communications</i> , 2021, 57, 6991-6994.	4.1	4

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91	Microwave-Enhanced Reaction of Thioacids with Azides in Aqueous Medium. <i>Synlett</i> , 2011, 2011, 2384-2386.	1.8	3
92	Catalyst-Free Regioselective Hydrostannation of Arynes. <i>Synlett</i> , 2011, 2011, 2533-2536.	1.8	2
93	Photochemical Studies of the Tridachiahypopyrones in Seawater. <i>Synlett</i> , 2010, 2010, 525-528.	1.8	1
94	5 Sulfur Fluoride Exchange (SuFEx). , 2022, , .		1
95	Highlights from the 44th EUCHEM Conference on Stereochemistry, BÃ¼rgenstock, Switzerland, May 2009. <i>Chemical Communications</i> , 2009, , 6125.	4.1	0
96	Frontispiece: Sulfurâ€“Fluoride Exchange (SuFEx)â€“Mediated Synthesis of Sterically Hindered and Electronâ€“Deficient Secondary and Tertiary Amides via Acyl Fluoride Intermediates. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
97	Frontispiz: Diversity Oriented Clicking (DOC): Divergent Synthesis of SuFExable Pharmacophores from 2â€“Substitutedâ€“Alkynylâ€“1â€“Sulfonyl Fluoride (SASF) Hubs. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0
98	Frontispiece: Diversity Oriented Clicking (DOC): Divergent Synthesis of SuFExable Pharmacophores from 2â€“Substitutedâ€“Alkynylâ€“1â€“Sulfonyl Fluoride (SASF) Hubs. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	0