John K Gallos

List of Publications by Year
in descending order

30	493	759233 12	677142 22
papers	citations	h-index	g-index

30	30	30	436
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Improved Approach to Chiral Cyclopentenone Building Blocks. Total Synthesis of Pentenomycin I and Neplanocin Aâ€. Journal of Organic Chemistry, 2005, 70, 6884-6890.	3.2	55
2	Total Syntheses of (â€“)â€Î±â€Kainic Acid. European Journal of Organic Chemistry, 2012, 2012, 4661-4673.	2.4	50
3	A new strategy for the stereoselective synthesis of unnatural Î±-amino acids. Tetrahedron, 2005, 61, 565-574.	1.9	40
4	Hetero-Dielsâ€“Alder additions to pent-4-enofuranosides: concise synthesis of hydroxylated pyrrolizidines. Tetrahedron, 2002, 58, 9351-9357.	1.9	35
5	The hetero-Dielsâ€“Alder addition of ethyl 2-nitrosoacrylate to electron-rich alkenes as a route to unnatural Î±-amino acids. Tetrahedron Letters, 2003, 44, 3905-3909.	1.4	35
6	Synthesis of enantiomerically pure bicyclo[3.1.0]hexanes from D-ribose by intramolecular cyclopropanation. Journal of the Chemical Society Perkin Transactions 1, 1994, , 611.	0.9	31
7	A new entry to hydroxylated pyrrolizidines. Tetrahedron Letters, 2000, 41, 4819-4822.	1.4	31
8	Carbocyclic ring closure of hex-5-enopyranosides and pent-4-enofuranosides: a nitrile oxide approach. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 415-423.	1.3	29
9	13C NMR study of 2-iodoso- and 2-iodoxy-benzoic acids and their sodium salts. Magnetic Resonance in Chemistry, 1989, 27, 1007-1011.	1.9	23
10	Bicyclo[3.1.0]hexanes from sugar-derived diazo compounds and iodonium ylides. Diastereocontrol and synthetic applications. Tetrahedron, 2002, 58, 8043-8053.	1.9	19
11	Carbocyclic nucleoside precursors by intramolecular cyclopropanation of sugar-derived diazo compounds. Tetrahedron Letters, 2001, 42, 7489-7491.	1.4	17
12	Synthesis of C-glycosylated amino acids by hetero-Dielsâ€“Alder addition of ethyl 2-nitrosoacrylate to exo-glycals. Carbohydrate Research, 2011, 346, 230-237.	2.3	13
13	A Protectionâ€Free Synthetic Access to (Â±)â€1â€Deoxyâ€6â€epiâ€castanospermine and (Â±)â€1â€Deoxyâ€6,8aâ€diâ€epiâ€castanospermine. European Journal of Organic Chemistry, 2013, 2013, 939-943.	2.4	11
14	Reactions of furazano[3,4â€b]quinoxalines with phosphorus ylides and an unusual oxidative transformation of the transylidation product. Journal of Heterocyclic Chemistry, 1989, 26, 1415-1420.	2.6	10
15	Electrocatalytic hydrogen production by dinuclear cobalt(<scp>ii</scp>) compounds containing redox-active diamidate ligands: a combined experimental and theoretical study. Dalton Transactions, 2020, 49, 15718-15730.	3.3	10
16	Concise synthesis of 6â€sulfonylated 3,4â€dihydroâ€2hâ€thiopyrans and 7â€sulfonylated 3,4,5,6â€tetrahydrothiepines from lactols. Journal of Heterocyclic Chemistry, 2001, 38, 579-584.	2.6	9
17	Synthesis of a protected trihydroxyindolizidine 3-carboxylate via a hetero-Dielsâ€“Alder addition of ethyl 2-nitrosoacrylate to a d-ribose-derived exo-glycal. Carbohydrate Research, 2011, 346, 508-511.	2.3	9
18	Synthesis of Dacus Pheromone, 1,7-Dioxaspiro[5.5]Undecane and Its Encapsulation in PLLA Microspheres for Their Potential Use as Controlled Release Devices. Agronomy, 2020, 10, 1053.	3.0	9

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19	The reaction of 2â€•nitrosopyridine with nitrile oxides: First synthesis of 1,2,4â€•triazolo[1,5â€•a]pyridine 1,3â€•Diâ€•Nâ€•oxides. Journal of Heterocyclic Chemistry, 1993, 30, 287-288.	2.6	8
20	Synthesis, structure and mass spectral fragmentation of a series of substituted furazano[3,4â€•b]quinoxaline 1â€•oxides and their deoxides. Journal of Heterocyclic Chemistry, 1994, 31, 481-487.	2.6	8
21	Probing the anomeric effect and mechanism of isomerization of oxazinane rings by DFT methods. Organic and Biomolecular Chemistry, 2021, 19, 1066-1082.	2.8	8
22	DFT study of the mechanism of Cu(I)-catalyzed and uncatalyzed intramolecular cyclopropanation of iodonium ylides. Journal of Organometallic Chemistry, 2010, 695, 2030-2038.	1.8	7
23	Convenient preparations of 2â€•alkylâ€•5â€•oxopyrrolidineâ€•3â€•carboxylic acids. Journal of Heterocyclic Chemistry, 2008, 45, 1251-1253.	2.6	5
24	Asymmetric Synthesis of Both Enantiomers of Protected 5â€•Hydroxynorvaline by Heteroâ€•Dielsâ€•Alder Addition of ethyl 2â€•Nitrosoacrylate to (R)â€•and (S)â€•1â€•Phenylbutyl Vinyl Ether. Journal of Heterocyclic Chemistry, 2012, 49, 1214-1217.	2.6	4
25	Environmentally Benign Large-Scale Synthesis of a Precursor to Vortioxetine. Synthesis, 2020, 52, 2662-2666.	2.3	4
26	Continuous Flow Organocatalytic Chlorination of Alkenes. European Journal of Organic Chemistry, 2021, 2021, 5058-5062.	2.4	4
27	A short alternative preparation of the bengazoles polyol side-chain segment. Carbohydrate Research, 2007, 342, 744-748.	2.3	3
28	Synthesis of imidazo[4,5â€•b]quinoxaline 3â€•oxides from reactions of furazano[3,4â€•b]quinoxaline 1â€•oxides with nitrones and diazo compounds. Journal of Heterocyclic Chemistry, 1993, 30, 917-919.	2.6	2
29	Synthesis and Biological Evaluation of Novel 2-Substituted ÂAnalogues of (â€“)-Pentenomycin I. Synlett, 2020, 31, 475-481.	1.8	2
30	Multicomponent Reaction of Aldehydes, Amines and Oxalacetate Analogues Leading to Biologically Attractive Pyrrole Derivatives. Mini-Reviews in Medicinal Chemistry, 2020, 20, 818-830.	2.4	2