

John K Gallos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Probing the anomeric effect and mechanism of isomerization of oxazinanone rings by DFT methods. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1066-1082.	2.8	8
2	Continuous Flow Organocatalytic Chlorination of Alkenes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5058-5062.	2.4	4
3	Synthesis and Biological Evaluation of Novel 2-Substituted Analogues of (±)-Pentenomycin I. <i>Synlett</i> , 2020, 31, 475-481.	1.8	2
4	Electrocatalytic hydrogen production by dinuclear cobalt (ⁱ) compounds containing redox-active diamidate ligands: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2020, 49, 15718-15730.	3.3	10
5	Synthesis of Dacus Pheromone, 1,7-Dioxaspiro[5.5]Undecane and Its Encapsulation in PLLA Microspheres for Their Potential Use as Controlled Release Devices. <i>Agronomy</i> , 2020, 10, 1053.	3.0	9
6	Environmentally Benign Large-Scale Synthesis of a Precursor to Vortioxetine. <i>Synthesis</i> , 2020, 52, 2662-2666.	2.3	4
7	Multicomponent Reaction of Aldehydes, Amines and Oxalacetate Analogues Leading to Biologically Attractive Pyrrole Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 818-830.	2.4	2
8	A Protection-Free Synthetic Access to (±)-1-Deoxy-6-epi-8-castanospermine and (±)-1-Deoxy-6,8-di-epi-8-castanospermine. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 939-943.	2.4	11
9	Asymmetric Synthesis of Both Enantiomers of Protected 5-Hydroxynorvaline by Hetero-Diels-Alder Addition of ethyl 2-nitrosoacrylate to (<i>R</i>)- and (<i>S</i>)-1-Phenylbutyl Vinyl Ether. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1214-1217.	2.6	4
10	Total Syntheses of (±)-Kainic Acid. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4661-4673.	2.4	50
11	Synthesis of C-glycosylated amino acids by hetero-Diels-Alder addition of ethyl 2-nitrosoacrylate to exo-glycals. <i>Carbohydrate Research</i> , 2011, 346, 230-237.	2.3	13
12	Synthesis of a protected trihydroxyindolizidine 3-carboxylate via a hetero-Diels-Alder addition of ethyl 2-nitrosoacrylate to a d-ribose-derived exo-glycal. <i>Carbohydrate Research</i> , 2011, 346, 508-511.	2.3	9
13	DFT study of the mechanism of Cu(I)-catalyzed and uncatalyzed intramolecular cyclopropanation of iodonium ylides. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2030-2038.	1.8	7
14	Convenient preparations of 2-alkyl-5-oxopyrrolidine-3-carboxylic acids. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1251-1253.	2.6	5
15	A short alternative preparation of the benzazoles polyol side-chain segment. <i>Carbohydrate Research</i> , 2007, 342, 744-748.	2.3	3
16	A new strategy for the stereoselective synthesis of unnatural 1±-amino acids. <i>Tetrahedron</i> , 2005, 61, 565-574.	1.9	40
17	An Improved Approach to Chiral Cyclopentenone Building Blocks. Total Synthesis of Pentenomycin I and Neplanocin A. <i>Journal of Organic Chemistry</i> , 2005, 70, 6884-6890.	3.2	55
18	The hetero-Diels-Alder addition of ethyl 2-nitrosoacrylate to electron-rich alkenes as a route to unnatural 1±-amino acids. <i>Tetrahedron Letters</i> , 2003, 44, 3905-3909.	1.4	35

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19	Bicyclo[3.1.0]hexanes from sugar-derived diazo compounds and iodonium ylides. Diastereocontrol and synthetic applications. <i>Tetrahedron</i> , 2002, 58, 8043-8053.	1.9	19
20	Hetero-Diels-Alder additions to pent-4-enofuranosides: concise synthesis of hydroxylated pyrrolizidines. <i>Tetrahedron</i> , 2002, 58, 9351-9357.	1.9	35
21	Carbocyclic ring closure of hex-5-enopyranosides and pent-4-enofuranosides: a nitrile oxide approach. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 415-423.	1.3	29
22	Carbocyclic nucleoside precursors by intramolecular cyclopropanation of sugar-derived diazo compounds. <i>Tetrahedron Letters</i> , 2001, 42, 7489-7491.	1.4	17
23	Concise synthesis of 6-sulfonylated 3,4-dihydro-2H-thiopyrans and 7-sulfonylated 3,4,5,6-tetrahydrothiepiques from lactols. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 579-584.	2.6	9
24	A new entry to hydroxylated pyrrolizidines. <i>Tetrahedron Letters</i> , 2000, 41, 4819-4822.	1.4	31
25	Synthesis, structure and mass spectral fragmentation of a series of substituted furazano[3,4- <i>b</i>]quinoxaline 1-oxides and their deoxides. <i>Journal of Heterocyclic Chemistry</i> , 1994, 31, 481-487.	2.6	8
26	Synthesis of enantiomerically pure bicyclo[3.1.0]hexanes from D-ribose by intramolecular cyclopropanation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 611.	0.9	31
27	The reaction of 2-nitrosopyridine with nitrile oxides: First synthesis of 1,2,4-triazolo[1,5- <i>a</i>]pyridine 1,3-diazole-N-oxides. <i>Journal of Heterocyclic Chemistry</i> , 1993, 30, 287-288.	2.6	8
28	Synthesis of imidazo[4,5- <i>b</i>]quinoxaline 3-oxides from reactions of furazano[3,4- <i>b</i>]quinoxaline 1-oxides with nitrones and diazo compounds. <i>Journal of Heterocyclic Chemistry</i> , 1993, 30, 917-919.	2.6	2
29	Reactions of furazano[3,4- <i>b</i>]quinoxalines with phosphorus ylides and an unusual oxidative transformation of the transylidation product. <i>Journal of Heterocyclic Chemistry</i> , 1989, 26, 1415-1420.	2.6	10
30	¹³ C NMR study of 2-iodo- and 2-iodoxy-benzoic acids and their sodium salts. <i>Magnetic Resonance in Chemistry</i> , 1989, 27, 1007-1011.	1.9	23