Charles M Marson

List of Publications by Year
in descending order

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103 papers	2,913 citations	236925 25 h-index	197818 49 g-index
122 all docs	122 docs citations	122 times ranked	3293 citing authors

#	Article	IF	Citations
1	A stepwise lactol carbocyclisation to bridged ethers via a ketoâ€“acetal cascade. Journal of Chemical Research, 2022, 46, 174751982210794.	1.3	0
2	Monocyclic Quinone Structureâ€Activity Patterns: Synthesis of Catalytic Inhibitors of Topoisomerase II with Potent Antiproliferative Activity. ChemMedChem, 2020, 15, 114-124.	3.2	8
3	A distal regulatory region of a class I human histone deacetylase. Nature Communications, 2020, 11, 3841.	12.8	25
4	Potent non-hydroxamate inhibitors of histone deacetylase-8: Role and scope of an isoindolin-2-yl linker with an Î±-amino amide as the zinc-binding unit. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126926.	2.2	10
5	Late-stage fluorination of bridged scaffolds: Chemoselective generation of a CHF group at three positions of the bicyclo[3.3.1]nonane system. Tetrahedron Letters, 2018, 59, 1226-1229.	1.4	0
6	Saturated Heterocycles with Applications in Medicinal Chemistry. Advances in Heterocyclic Chemistry, 2017, 121, 13-33.	1.7	22
7	Targeting TAO Kinases Using a New Inhibitor Compound Delays Mitosis and Induces Mitotic Cell Death in Centrosome Amplified Breast Cancer Cells. Molecular Cancer Therapeutics, 2017, 16, 2410-2421.	4.1	32
8	A direct alkylation route to branched derivatives of suberoylanilide hydroxamic acid (SAHA), a potent non-selective inhibitor of histone deacetylases. Tetrahedron, 2016, 72, 8584-8592.	1.9	1
9	Pteridine-2,4-diamine derivatives as radical scavengers and inhibitors of lipoxygenase that can possess anti-inflammatory properties. Future Medicinal Chemistry, 2015, 7, 1937-1951.	2.3	19
10	Regioselective synthesis of substituted piperidine-2,4-diones and their derivatives via Dieckmann cyclisations. Tetrahedron, 2015, 71, 7459-7469.	1.9	7
11	Potent and Selective Inhibitors of Histone Deacetylase-3 Containing Chiral Oxazoline Capping Groups and a N-(2-Aminophenyl)-benzamide Binding Unit. Journal of Medicinal Chemistry, 2015, 58, 6803-6818.	6.4	48
12	Discovery of Potent, Isoform-Selective Inhibitors of Histone Deacetylase Containing Chiral Heterocyclic Capping Groups and a N-(2-Aminophenyl)benzamide Binding Unit. Journal of Medicinal Chemistry, 2013, 56, 6156-6174.	6.4	53
13	Discovery of a structurally novel, drug-like and potent inhibitor of peptidylarginine deiminase. MedChemComm, 2013, 4, 1109.	3.4	10
14	Enynone dihydroxylationâ€“cyclisation as a route to densely functionalised 3(2H)-furanone derivatives: an approach to the core of the zaragozic acids. Tetrahedron, 2013, 69, 6639-6647.	1.9	9
15	The histone deacetylase inhibitor <scp>UCL</scp>67022 has potent activity in multiple myeloma and nonâ€<scp>H</scp>odgkin lymphoma preâ€clinical models. British Journal of Haematology, 2013, 163, 135-139.	2.5	2
16	Multicomponent and sequential organocatalytic reactions: diversity with atom-economy and enantiocontrol. Chemical Society Reviews, 2012, 41, 7712.	38.1	224
17	New and unusual scaffolds in medicinal chemistry. Chemical Society Reviews, 2011, 40, 5514.	38.1	310
18	Targeting the Histamine H₄ Receptor. Chemical Reviews, 2011, 111, 7121-7156.	47.7	51

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19	Histone Deacetylase Inhibitors: Design, Structure-Activity Relationships and Therapeutic Implications for Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2009, 9, 661-692.	1.7	65
20	Thiostrepton selectively targets breast cancer cells through inhibition of forkhead box M1 expression. Molecular Cancer Therapeutics, 2008, 7, 2022-2032.	4.1	206
21	Effects of a selection of histone deacetylase inhibitors on mast cell activation and airway and colonic smooth muscle contraction. International Immunopharmacology, 2008, 8, 1793-1801.	3.8	28
22	A catalytic asymmetric protocol for the enantioselective synthesis of 3(2H)-furanones. Chemical Communications, 2007, , 2494.	4.1	39
23	Structureâ€“activity relationships of aryloxyalkanoic acid hydroxyamides as potent inhibitors of histone deacetylase. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 136-141.	2.2	17
24	Synthesis of the penta-oxazole core of telomestatin in a convergent approach to poly-oxazole macrocycles. Organic and Biomolecular Chemistry, 2006, 4, 3892.	2.8	14
25	Aromatic Sulfide Inhibitors of Histone Deacetylase Based on Arylsulfinyl-2,4-hexadienoic Acid Hydroxyamides. Journal of Medicinal Chemistry, 2006, 49, 800-805.	6.4	22
26	Syntheses of Enantiopure 3,4-Diamino-1-Substituted Pyrrolidines. Synthesis, 2006, 2006, 247-256.	2.3	5
27	Synthesis of (3S,3Sâ€²,4S,4Sâ€²)-1,1â€²-ethylenedipyrrolidine-3,3â€²,4,4â€²-tetraol and related diamino diols: donorâ€“acceptor hydrogen-bonding motifs of the C2 symmetric 3,4-dihydroxypyrrolidine unit. Tetrahedron: Asymmetry, 2005, 16, 2799-2809.	1.8	4
28	Three-Component Condensations of Aldehydes with N-Methoxycarboxamides.. ChemInform, 2005, 36, no.	0.0	0
29	Asymmetric synthesis using catalysts containing multiple stereogenic centres and a trans-1,2-diaminocyclohexane core; reversal of predominant enantioselectivity upon N-alkylation. Tetrahedron, 2005, 61, 1269-1279.	1.9	23
30	Enantioselective Syntheses oftrans-3,4-Difluoropyrrolidines and Investigation of Their Applications in Catalytic Asymmetric Synthesisâ€. Journal of Organic Chemistry, 2005, 70, 9771-9779.	3.2	24
31	Preparation of 3,17â€•and 3,20â€Difluoroâ€Derivatives of the Androstâ€5â€ene and Pregnâ€5â€ene Series. Synthetic Communications, 2004, 34, 4369-4385.	2.1	7
32	Stereodefined and polyunsaturated inhibitors of histone deacetylase based on (2E,4E)-5-arylpenta-2,4-dienoic acid hydroxyamides. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2477-2481.	2.2	18
33	Stereodefined and Polyunsaturated Inhibitors of Histone Deacetylase Based on (2E,4E)-5-Arylpenta-2,4-dienoic Acid Hydroxyamides.. ChemInform, 2004, 35, no.	0.0	0
34	Three-component condensations of aldehydes with N-methoxycarboxamides. Tetrahedron Letters, 2004, 45, 9007-9010.	1.4	11
35	Synthesis of the first monoaromatic B-ring 13-azasteroid ring system by sequential angular annulation. Tetrahedron, 2003, 59, 10019-10023.	1.9	17
36	A sequential stereocontrolled cyclopropane ring formation and semi-pinacol rearrangement. Tetrahedron Letters, 2003, 44, 141-143.	1.4	17

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37	Production of malodorous steroids from androsta-5,16-dienes and androsta-4,16-dienes by Corynebacteria and other human axillary bacteria. Journal of Steroid Biochemistry and Molecular Biology, 2003, 87, 327-336.	2.5	33
38	An Asymmetric Synthesis of Aza Analogues of the Tricyclic Skeleton of Daphnane and the ABC Ring System of Phorbol. Journal of Organic Chemistry, 2003, 68, 792-798.	3.2	24
39	PREPARATION OF 3Î±-FLUORO- AND 3Î²-FLUORO DERIVATIVES OF 5Î±-ANDROST-16-ENES AND ANDROSTA-5,16-DIENES. Synthetic Communications, 2002, 32, 2125-2135.	2.1	7
40	Cyclic acid anhydrides as a new class of potent, selective and non-peptidic inhibitors of geranylgeranyl transferase. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 255-259.	2.2	12
41	Construction of functionalised medium rings by stereospecific expansions of 2,3-epoxy alcohols under mild conditions. Tetrahedron Letters, 2002, 43, 6637-6640.	1.4	18
42	Stereocontrolled Formation of Epoxy Peroxide FunctionalityAppended to a Lactam Ring. Journal of Organic Chemistry, 2001, 66, 4771-4775.	3.2	12
43	SYNTHESIS OF EXOCYCLIC ENAMIDES VIA STEREOCONTROLLED ALLYLIC ISOMERIZATION AND 1,3-TRANSPOSITION. Synthetic Communications, 2001, 31, 1753-1764.	2.1	5
44	Reversal of enantioselectivity using catalysts containing multiple stereogenic centres. Tetrahedron: Asymmetry, 2001, 12, 1547-1550.	1.8	33
45	Oxygen-Directed Carbocyclizations of Epoxides. Tetrahedron, 2000, 56, 8779-8794.	1.9	38
46	Amide catalysts with tetradentate ligands and the asymmetric transfer hydrogenation of carbonyl compounds. Tetrahedron Letters, 2000, 41, 8999-9003.	1.4	21
47	A biomimetic synthesis of the pyrrolizidine ring by sequential intramolecular cyclizations. Tetrahedron Letters, 2000, 41, 127-129.	1.4	8
48	Preferential induction of apoptosis of leukaemic cells by farnesol. FEBS Letters, 2000, 467, 291-295.	2.8	53
49	Stereocontrolled Routes to Bridged Ethers by Tandem Cyclizations. Angewandte Chemie - International Edition, 1998, 37, 1122-1124.	13.8	29
50	Synthesis of Î³-hydroxy Î±,Î²-unsaturated amides by base-induced isomerization of epoxy amides. Tetrahedron, 1998, 54, 9613-9622.	1.9	7
51	Total synthesis of the naturally occurring furanoid fatty acid, F5. Tetrahedron Letters, 1998, 39, 333-334.	1.4	12
52	Catalytic C-amidoalkylations: synthesis of Î²-amido aldehydes by three-component condensations. Chemical Communications, 1998, , 83-84.	4.1	10
53	Catalytic Isomerization of 1-Alkynyl-2,3-epoxy Alcohols to Substituted Furans:â€‰ Succinct Routes to Furanoid Fatty Acids and Difurylmethanes. Journal of Organic Chemistry, 1998, 63, 9223-9231.	3.2	26
54	Oxygen-Directed Carbocyclizations of 2,3-Epoxy Alcohols:â€‰ Stereoselective Construction of Polyfunctionalized Seven-Membered Rings by 7-Endo-Tet Ring Closures. Journal of Organic Chemistry, 1998, 63, 7833-7839.	3.2	11

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55	The first enantioselective syntheses of vicinal difluoropyrrolidines and the first catalytic asymmetric synthesis mediated by the C2 symmetry of a â€“CHFCHFâ€“ unit. Chemical Communications, 1998, , 1223-1224.	4.1	25
56	Stereospecific Synthesis of 2,3-Dihydro-4H-pyran-4-ones by Hg(II)- Catalyzed Rearrangement of 1-Alkynyl-2,3-epoxy Alcohols. Journal of Organic Chemistry, 1998, 63, 3798-3799.	3.2	23
57	The azulene ring as a structural element in liquid crystals. Journal of Materials Chemistry, 1997, 7, 391-401.	6.7	45
58	Synthesis of polysubstituted thiophenes by a catalytic cyclisation of functionalised episulfides. Tetrahedron Letters, 1997, 38, 7785-7788.	1.4	22
59	Regioselective 2H-3,6-dihydropyran synthesis with tandem oxo-ene formalism. Tetrahedron Letters, 1997, 38, 9057-9060.	1.4	7
60	Synthesis and mesogenic properties of 3,6-disubstituted cyclohex-2-en-1-ones. Journal of Materials Chemistry, 1996, 6, 747.	6.7	7
61	Synthesis of heterocyclic molybdenum carbene complexes using haloalkyl-substituted epoxides. Journal of Organometallic Chemistry, 1995, 494, C12-C14.	1.8	3
62	Construction of polyfunctionalized seven-membered rings by the cyclization of 2,3-epoxy alcohols. Tetrahedron Letters, 1995, 36, 7145-7148.	1.4	26
63	Convergent stereocontrolled construction of 5-7-6 tricyclic aza analogues of phorbol and aconite alkaloids. Tetrahedron Letters, 1995, 36, 8107-8110.	1.4	22
64	Convenient Syntheses of Chiral Cyclic Sulfinates (Sultines) from Unsaturated Alcohols. Journal of Organic Chemistry, 1995, 60, 8067-8073.	3.2	18
65	Tin (IV)-Mediated Stereoselective Synthesis of Epoxides with Concomitant Alkyl Peroxide Formation. Tetrahedron Letters, 1995, 36, 5979-5982.	1.4	12
66	Synthesis of hydroxymethyl lactones and spiroketals via cyclization of epoxy oxacarbene complexes. Tetrahedron Letters, 1994, 35, 6717-6720.	1.4	17
67	Preparation of Î³- and Î´-lactams by ring closure of Î²,Î³-unsaturated amides using trifluoromethanesulfonic acid. Tetrahedron Letters, 1994, 35, 293-296.	1.4	22
68	Stereoselective syntheses of substituted 5,6-dihydro-2(1H)-pyridinones in polyphosphate media. Journal of Organic Chemistry, 1994, 59, 291-296.	3.2	37
69	A highly efficient enzymic route to novel chiral liquid crystals based on 3-aryl-2-cycloalken-1-ones. Journal of the Chemical Society Chemical Communications, 1994, , 2305.	2.0	5
70	Regiocontrolled synthesis of furans by a mercury(II) catalysed isomerisation of 1-alkynyl-2,3-epoxyalcohols. Journal of the Chemical Society Chemical Communications, 1994, , 1879.	2.0	20
71	Stereocontrolled construction of condensed .gamma.-lactam ring systems by cationic cyclizations. Rearrangement of a .gamma.-lactam to a .delta.-lactam. Journal of Organic Chemistry, 1994, 59, 284-290.	3.2	32
72	Efficient routes to cyclic 2,3-epoxyalcohols from cycloalkenyl ketones, via cycloalkenyl alcohols. Tetrahedron, 1993, 49, 10317-10338.	1.9	15

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73	Lewis acid mediated reactions of 2,3-epoxyalcohols: an efficient stereocontrolled route to polycyclic diols. Tetrahedron, 1993, 49, 10339-10354.	1.9	15
74	Stereocontrolled syntheses of novel cyclic sulfinates using N-sulfinyl-p-toiuenesulfonamide. Journal of the Chemical Society Chemical Communications, 1993, , 1195.	2.0	11
75	Stereoselective construction of quaternary centers at ambient temperature by the highly stereocontrolled migration of groups containing sp-, sp2-, and sp3-hybridized carbon atoms. Journal of Organic Chemistry, 1993, 58, 5944-5951.	3.2	79
76	Synthesis, linear dichroism and mesogenic properties of substituted azulenes. Journal of Materials Chemistry, 1993, 3, 327.	6.7	20
77	New liquid crystalline compounds based on 1,4-diarylbuta-1,3-dienes. Journal of the Chemical Society Chemical Communications, 1992, , 410.	2.0	10
78	Stereocontrolled syntheses of substituted unsaturated .delta.-lactams from 3-alkenamides. Journal of Organic Chemistry, 1992, 57, 5045-5047.	3.2	21
79	Reactions of carbonyl compounds with (monohalo) methyleniminium salts (vilsmeier reagents). Tetrahedron, 1992, 48, 3659-3726.	1.9	216
80	Stereoselective syntheses of substituted .gamma.-lactams from 3-alkenamides. Journal of Organic Chemistry, 1991, 56, 2603-2605.	3.2	22
81	Stereocontrolled syntheses of hydroxylated tricyclic systems by a new annulation of 2-cyclohexen-1-one. Tetrahedron, 1991, 47, 5491-5506.	1.9	28
82	Oxidative formylation and chloromethylation in Vilsmeier reactions of O- and S-heterocyclic ketones. Tetrahedron, 1991, 47, 1303-1310.	1.9	21
83	Oxidative formylation and chloromethylation as alternative pathways to chloroformylation in the reaction of O- and Sheterocyclic ketones with dimethylformamide-phosphorus oxychloride. Tetrahedron Letters, 1990, 31, 5227-5230.	1.4	16
84	Convergent, stereocontrolled routes to hydroxylated tricyclic systems: a new annulation of 2-cyclohexen-1-one. Journal of the Chemical Society Chemical Communications, 1990, , 1516.	2.0	16
85	Comparative study of the13C nuclear magnetic resonance shifts of carbonyl and thiocarbonyl compounds. Magnetic Resonance in Chemistry, 1988, 26, 665-670.	1.9	15
86	Studies in vilsmeier chemistry, V. Vilsmeier reactions of 2â€alkylâ€2â€cyclohexenâ€1â€ones: A novel route to dihydrobenzaldehydes, the formation of allyl alcohols as byâ€products, and the Xâ€ray crystallographic structure of 3â€chloroâ€2â€methylâ€2â€cyclohexenâ€1â€ol. Chemische Berichte, 1988, 121, 999-1003.	0.2	6
87	Reactions of alkyl-substituted 2-cyclohexen-1-ones with Vilsmeier reagents. Journal of Organic Chemistry, 1987, 52, 2730-2734.	3.2	18
88	Reactions of 2-cyclohexen-1-ones and cyclohexane-1,3-diones with chloro methylene iminium salts. Journal of Organic Chemistry, 1987, 52, 2726-2730.	3.2	19
89	Pyridylethyl: A versatile protecting group. Part II. The protection of heterocyclic Nâ€H groups. Journal of Heterocyclic Chemistry, 1987, 24, 641-644.	2.6	14
90	Identification of the products of solvolysis of N-benzylpyridinium cations in the absence of nucleophiles. Journal of the Chemical Society Perkin Transactions II, 1986, , 1331.	0.9	2

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91	Formation of .sigma. and .pi. or charge-transfer complexes from pyridinium cations. Journal of Organic Chemistry, 1986, 51, 2481-2485.	3.2	5
92	The Structural Elucidation of Oligomeric Blue Dyes Derived from 9â€Alkylcarbazoles. Israel Journal of Chemistry, 1986, 27, 111-116.	2.3	0
93	The non-chain radicaloid c-alkylation of nitronate anions: further evidence for the mechanism. Tetrahedron, 1986, 42, 101-108.	1.9	9
94	Nucleophilic displacements of Nâ€aryl and heteroaryl groups. Part 8 . Intermolecular reactions of Nâ€arylâ€pyridinium, â€quinolinium, and â€acridinium salts with nucleophiles. Journal of Heterocyclic Chemistry, 1986, 23, 865-870.	2.6	3
95	2-(4-Pyridyl)ethyl as a protective group for sulfur functionality. Journal of Organic Chemistry, 1986, 51, 4914-4920.	3.2	36
96	A stable 3-methylene-1,4-cyclohexadiene: a non-aromatic tautomer of a simple benzene. Tetrahedron Letters, 1985, 26, 4715-4718.	1.4	16
97	.alpha.-Lithiation of N-alkylcarbazoles: preparation of N-(E)-styrylcarbazole. Journal of Organic Chemistry, 1985, 50, 1351-1355.	3.2	19
98	Pyrylium Mediated Transformations of Primary Amino Groups into Other Functional Groups. New Synthetic Methods (41). Angewandte Chemie International Edition in English, 1984, 23, 420-429.	4.4	132
99	Pyryliumsalze als Zwischenstufen bei der Umwandlung von NH₂â€Gruppen in andere funktionelle Gruppen. Angewandte Chemie, 1984, 96, 403-413.	2.0	24
100	Kinetics and mechanisms of nucleophilic displacements with heterocycles as leaving groups. Part 13. Penta- and nona-cyclic derivatives. Journal of the Chemical Society Perkin Transactions II, 1983, , 1455.	0.9	3
101	Synthesis of a dodecahydro-18,21-dioxoniakekulene. Journal of the American Chemical Society, 1983, 105, 3279-3283.	13.7	35
102	The synthesis of some highly strained pyrylium and N-benzylpyridinium salts and kinetics of their reactions with piperidine. Journal of the Chemical Society Perkin Transactions 1, 1983, , 487.	0.9	3
103	Synthesis Using Vilsmeier Reagents. , 0, , .		14