

Isidro S Marcos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Asymmetric Epoxidation of Electron-Deficient Olefins. <i>Current Organic Synthesis</i> , 2008, 5, 186-216.	1.3	98
2	Sesquiterpenyl indoles. <i>Natural Product Reports</i> , 2013, 30, 1509.	10.3	87
3	Quinone/Hydroquinone Sesquiterpenes. <i>Mini-Reviews in Organic Chemistry</i> , 2010, 7, 230-254.	1.3	71
4	Halimane diterpenoids: sources, structures, nomenclature and biological activities. <i>Natural Product Reports</i> , 2018, 35, 955-991.	10.3	46
5	Synthesis of Bioactive Sesterterpenolides from ent-Halimic Acid. 15-Epi-ent-cladocoran A and B. <i>Journal of Organic Chemistry</i> , 2003, 68, 7496-7504.	3.2	43
6	Synthesis of quinone/hydroquinone sesquiterpenes. <i>Tetrahedron</i> , 2010, 66, 8280-8290.	1.9	41
7	Prenylflavonoids and prenyl/alkyl-phloracetophenones: Synthesis and antitumour biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4258-4269.	5.5	39
8	Synthesis of (+)-agelasine C. A structural revision. <i>Tetrahedron</i> , 2005, 61, 11672-11678.	1.9	38
9	Synthesis of Three Marine Natural Sesterterpenolides from Methyl Isoantipalate. First Enantioselective Synthesis of Luffolide. <i>Journal of Organic Chemistry</i> , 2005, 70, 9480-9485.	3.2	37
10	A new class of chiral pyrrolidine for asymmetric Michael addition reactions. New mechanism via simple 4+2 type attack of the enamine on the trans-nitrostyrene. <i>Tetrahedron</i> , 2007, 63, 740-747.	1.9	37
11	Synthesis of novel antitumoural analogues of dysidiolide from ent-halimic acid. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5719-5737.	3.0	35
12	Chemistry of zamoranic acid. Part V Homochiral semisyntheses of active drimanes: Pereniporin B, polygodial and warburganal. <i>Tetrahedron</i> , 1994, 50, 10995-11012.	1.9	32
13	Organocatalytic Synthesis of an Alkyltetrahydropyran. <i>Synlett</i> , 2009, 2009, 390-394.	1.8	29
14	Ambergis compounds from labdanolic acid. <i>Tetrahedron</i> , 1992, 48, 9991-9998.	1.9	28
15	Synthesis and absolute configuration of three natural ent-halimanolides with biological activity. <i>Tetrahedron Letters</i> , 2003, 44, 369-372.	1.4	28
16	Lateral lithiation in terpenes: synthesis of (+)-ferruginol and (+)-sugiol. <i>Tetrahedron</i> , 2010, 66, 7773-7780.	1.9	28
17	Labdane diterpenoids from <i>Halimium viscosum</i> . <i>Phytochemistry</i> , 1986, 25, 711-713.	2.9	27
18	Acetophenones and terpenoids from <i>Senecio Gallicus</i> . <i>Phytochemistry</i> , 1987, 26, 1113-1115.	2.9	27

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19	Chemistry of sulfones: synthesis of a new chiral nucleophilic catalyst. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2980-2985.	1.8	26
20	Synthesis of ent-Halimanolides from Halimic Acid. <i>Synthesis</i> , 2005, 2005, 3301-3310.	2.3	25
21	Diterpenoid and other components of <i>Cistus laurifolius</i> . <i>Phytochemistry</i> , 1986, 25, 1185-1187.	2.9	24
22	Chemistry of zamoranic acid. Part IX homochiral synthesis of polygodial and warburganal from 17-acetoxy-7-labden-15-ol. <i>Tetrahedron</i> , 1995, 51, 1845-1860.	1.9	24
23	Synthesis and absolute configuration of (âˆ“) -chettaphanin II. <i>Tetrahedron Letters</i> , 2002, 43, 1243-1245.	1.4	24
24	Short and efficient synthesis of (+)-suberic acids. <i>Tetrahedron</i> , 2003, 59, 9173-9177.	1.9	24
25	Stereocontrolled Synthesis of Cyclopropanol Amino Acids from Allylic Sulfones: Conformationally Restricted Building Blocks. <i>Organic Letters</i> , 2003, 5, 3687-3690.	4.6	24
26	Chemistry of Epoxysulfones: A New Route to Polyhydroxylated Pyrrolidines. <i>Synthesis</i> , 2005, 2005, 565-568.	2.3	24
27	Synthesis of sibiricinone A, sibiricinone B and leoheterin. <i>Tetrahedron</i> , 2008, 64, 10860-10866.	1.9	24
28	Labdane diterpenoids from <i>Halimium viscosum</i> and <i>H. verticillatum</i> . <i>Phytochemistry</i> , 1987, 26, 3037-3040.	2.9	23
29	Tricyclic diterpenes from <i>hyptys dilatata</i> . <i>Phytochemistry</i> , 1998, 48, 1035-1038.	2.9	23
30	Regio- and stereoselective ring opening of epoxides. Enantioselective synthesis of 2,3,4-trisubstituted five-membered heterocycles. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 639-646.	1.8	22
31	Valparene: A tricyclic diterpene hydrocarbon with a new carbon skeleton.. <i>Tetrahedron Letters</i> , 1990, 31, 4501-4504.	1.4	21
32	Formation of orthoesters in the Sharpless asymmetric epoxidation: hemisynthesis of labdanes. <i>Tetrahedron</i> , 1990, 46, 2495-2502.	1.9	20
33	Synthesis and absolute configuration of (âˆ“) -chrysolic acid and (+)-isofregenedol. <i>Tetrahedron Letters</i> , 2003, 44, 5419-5422.	1.4	20
34	Chemistry of vinyl sulfones. Approach to novel conformationally restricted analogues of glutamic acid. <i>Tetrahedron</i> , 2005, 61, 699-707.	1.9	20
35	Synthesis of (+)-lagerstronolide from (+)-sclareol. <i>Tetrahedron</i> , 2007, 63, 11838-11843.	1.9	20
36	Yamaguchi-Type Lactonization as a Key Step in the Synthesis of Marine Metabolites: (+)-Luffalactone. <i>Journal of Organic Chemistry</i> , 2009, 74, 7750-7754.	3.2	19

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37	Synthesis of 12-epi-ent-polyalthenol an antitumour indole sesquiterpene alkaloid. <i>Tetrahedron</i> , 2012, 68, 7932-7940.	1.9	19
38	Chemistry of 7-labden-3,15-diol (I): homochiral synthesis of fregenedadiol. <i>Tetrahedron</i> , 1993, 49, 6079-6088.	1.9	18
39	Diastereoselective ring opening of 12-acetoxy-9 and 9(11)-epoxy-7-drimene: Homochiral semisynthesis of poligodial and warburganal. <i>Tetrahedron Letters</i> , 1994, 35, 3781-3784.	1.4	18
40	Tandem catalysis for the synthesis of 2-alkylidene cyclohexenones. <i>Tetrahedron</i> , 2011, 67, 8331-8337.	1.9	18
41	Valparane, a new diterpene skeleton (part iv). Absolute stereochemistry of valparane, valparolone and other compounds with valparane skeleton. <i>Tetrahedron</i> , 1993, 49, 4051-4062.	1.9	17
42	Highly Regioselective Elimination of a Ring attached Acetoxy Group: Methylentolone from Sclareol. <i>Natural Product Research</i> , 1994, 5, 217-220.	0.4	17
43	Synthesis of hexahydrocarbazoles by cyclisation of 3-(but-3-enyl) indole derivatives. <i>Tetrahedron</i> , 2009, 65, 10235-10242.	1.9	17
44	The use of acyclic monoterpenes in the preparation of δ^2 -pyrones: Synthesis of the right-hand fragment of Usneoidone E. <i>Tetrahedron</i> , 1995, 51, 3691-3704.	1.9	16
45	Chemistry of zamoranic acid. Part 10. Homochiral hemisynthesis of pereniporin A. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1815-1818.	0.9	16
46	Stereoselective Synthesis of Cyclopropanols. <i>Mini-Reviews in Organic Chemistry</i> , 2006, 3, 291-314.	1.3	16
47	Biomimetic synthesis of an antitumour indole sesquiterpene alkaloid, 12-epi-ent-pentacyclindole. <i>Tetrahedron</i> , 2013, 69, 7285-7289.	1.9	16
48	New antifeedant neo-clerodane triol. Semisynthesis and antifeedant activity of neo-clerodane diterpenoids. <i>Tetrahedron</i> , 1995, 51, 2117-2128.	1.9	15
49	Synthesis of (+)-Thiersindole C. <i>Synlett</i> , 2007, 2007, 2017-2022.	1.8	15
50	Minor diterpenoids from <i>Halimium viscosum</i> . <i>Phytochemistry</i> , 1994, 37, 1359-1361.	2.9	14
51	Approach to the Synthesis of Diterpenes with the Bicyclo[5.3.0]decane System: (Δ^{\pm}) 10-epi-tormesol. <i>Tetrahedron</i> , 1995, 51, 12403-12416.	1.9	14
52	Labdanolic Acid: Synthetic Precursor of Tricyclic Diterpenes. <i>Natural Product Research</i> , 1995, 6, 285-290.	0.4	14
53	Stereoselective Synthesis of 2,2,6,6-Tetrasubstituted Tetrahydropyrans. <i>Synthesis</i> , 2001, 2001, 1013.	2.3	14
54	Hyrniosanes from Labdanes: (-)-Hyrniosal from Sclareol. <i>Synthesis</i> , 2002, 2002, 1523-1529.	2.3	14

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55	Highly Efficient Synthesis of (+)-Nimbiol and Other Podocarpanes Derivatives from Sclareol. <i>Synlett</i> , 2007, 2007, 1589-1590.	1.8	14
56	Domino Elimination/Nucleophilic Addition in the Synthesis of Chiral Pyrrolidines. <i>Journal of Organic Chemistry</i> , 2013, 78, 7068-7075.	3.2	14
57	Synthesis and Bioactivity of Luffarin I. <i>Marine Drugs</i> , 2015, 13, 2407-2423.	4.6	14
58	Minor labdane diterpenoids from <i>Halimium verticillatum</i> . <i>Phytochemistry</i> , 1989, 28, 557-560.	2.9	13
59	12 Rearrangement reaction: Synthesis of isofregenedane type diterpenoids. <i>Tetrahedron Letters</i> , 1996, 37, 1659-1662.	1.4	13
60	Synthesis of (+)-limonidilactone and 12-epi-limonidilactone. <i>Tetrahedron</i> , 2001, 57, 713-723.	1.9	13
61	Synthesis of (+)-makassaric acid, a protein kinase MK2 inhibitor. <i>Tetrahedron</i> , 2010, 66, 6008-6012.	1.9	13
62	1,3-Dipolar cycloaddition of nitrones with phenylvinyl sulfone. An experimental and theoretical study. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 76-85.	1.8	13
63	Valparolone: A tricyclic diterpene ketone with a new carbon skeleton.. <i>Tetrahedron Letters</i> , 1990, 31, 5665-5668.	1.4	12
64	Nor-ent-halimanes from <i>Halimium viscosum</i> . <i>Phytochemistry</i> , 1990, 29, 3597-3600.	2.9	12
65	Diterpenes with a valparane skeleton. <i>Phytochemistry</i> , 1993, 34, 747-750.	2.9	12
66	Compounds with the labdane skeleton from <i>Halimium viscosum</i> . <i>Phytochemistry</i> , 1994, 35, 713-719.	2.9	12
67	Labdane diterpenes from <i>Halimium viscosum</i> . <i>Phytochemistry</i> , 1995, 38, 663-666.	2.9	12
68	Synthesis of (+)-limonidilactone: Absolute configuration of (âˆ“)limonidilactone. <i>Tetrahedron Letters</i> , 1999, 40, 2615-2618.	1.4	12
69	Enantioselective Synthesis of a 2,3,4-Trisubstituted Pyrrolidine from 1-Hydroxymethyl-4-phenylsulfonylbutadiene. <i>Synlett</i> , 2001, 2001, 0655-0657.	1.8	12
70	Synthesis of tri- and tetracyclic diterpenes. Cyclisations promoted by SmI ₂ . <i>Tetrahedron</i> , 2005, 61, 977-1003.	1.9	12
71	Chemistry of ent-Halimic Acid: Synthesis of [4.3.3]Propellanes. <i>Synthesis</i> , 2006, 2006, 3865-3873.	2.3	12
72	Synthetic studies to highly functionalised B ring labdanes. <i>Tetrahedron</i> , 2008, 64, 8815-8829.	1.9	12

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73	Solvent free l-proline-catalysed domino Knoevenagel/6i€-electrocyclization for the synthesis of highly functionalised 2H-pyrans. RSC Advances, 2012, 2, 8041.	3.6	12
74	Ring a functionalized Neo-clerodane diterpenoids from Cistus populifolius. Tetrahedron, 1994, 50, 10791-10802.	1.9	11
75	Hydrohalimic acids from Halimium viscosum. Phytochemistry, 1997, 44, 1301-1307.	2.9	11
76	Drimane Homochiral Semisynthesis: Pereniporin a,9-EPI-Warburganal and C-9 Nitrogenated Drimanes. Natural Product Research, 1998, 11, 145-152.	0.4	11
77	Chemistry of Epoxysulfones:â€‰ Straightforward Synthesis of Versatile Chiral Building Blocks. Organic Letters, 2003, 5, 4361-4364.	4.6	11
78	Synthesis of a new organocatalyst for Michael reactions. Tetrahedron: Asymmetry, 2008, 19, 2088-2091.	1.8	11
79	Labdane Diterpenes with Highly Functionalized B Rings. Mini-Reviews in Organic Chemistry, 2012, 9, 54-86.	1.3	11
80	Synthesis and biological activity of polyalthenol and pentacyclindole analogues. European Journal of Medicinal Chemistry, 2014, 73, 265-279.	5.5	11
81	Biomimetic Synthesis of Two Salmahyrtisanes: Salmahyrtisol A and Hippospongide A. Journal of Organic Chemistry, 2015, 80, 4566-4572.	3.2	11
82	Labdanolic Acid as Synthetic Precursor of Active Drimanes. Natural Product Research, 1995, 6, 291-294.	0.4	10
83	Microbial Hydroxylation of Sclareol by Rhizopus Stolonifer. Molecules, 2005, 10, 1005-1009.	3.8	10
84	Highly functionalised cyclohexa-1,3-dienes by sulfonyl Nazarov reagents. Tetrahedron, 2014, 70, 4386-4394.	1.9	10
85	Synthesis of Luffarin L and 16- <i>epi</i> -Luffarin L Using a Temporary Silicon-Tethered Ring-Closing Metathesis Reaction. Journal of Organic Chemistry, 2015, 80, 6447-6455.	3.2	10
86	Enantiomerically Purecis-andtrans-2-Substituted Cyclopropanols from Allylic Sulfones. Synthesis, 2003, 1, 0053-0062.	2.3	9
87	Synthesis of an ent-Halimanolide from ent-Halimic Acid. Molecules, 2008, 13, 1120-1134.	3.8	9
88	Semisynthesis of (+)-angeloyl-gutierrezianolic acid methyl ester diterpenoid. Tetrahedron, 2010, 66, 8605-8614.	1.9	9
89	New proline analogues for organocatalysis. Tetrahedron: Asymmetry, 2010, 21, 786-793.	1.8	9
90	Isofregenedadiol: A novel diterpenic diol from Halimium viscosum. Phytochemistry, 1996, 41, 1155-1157.	2.9	8

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91	Chemistry of Allylsulfones: A New Preparation of N-Diphenylmethylene-2-Vinyl-Substituted Cyclopropylamines. <i>Synlett</i> , 2005, 2005, 158-160.	1.8	8
92	Synthesis of (+)-leopersin D. <i>Tetrahedron</i> , 2009, 65, 9256-9263.	1.9	8
93	Synthesis of spongidines A and D: marine metabolites phospholipase A2 inhibitors. <i>Tetrahedron</i> , 2011, 67, 3649-3658.	1.9	8
94	Synthesis of Bioconjugate Sesterterpenoids with Phospholipids and Polyunsaturated Fatty Acids. <i>Molecules</i> , 2016, 21, 47.	3.8	8
95	Asymmetric [3+2] cycloaddition reaction of a chiral cyclic nitron for the synthesis of new tropane alkaloids. <i>Tetrahedron</i> , 2020, 76, 130764.	1.9	8
96	Nor-limonoid and homoisoanticopalane lactones from methyl isoanticopalate. <i>Tetrahedron</i> , 2007, 63, 8939-8948.	1.9	7
97	Synthesis of Isoprenyl Flavonoids: (+)-Denticulaflavonol, Macarangin, and Isomacarangin. <i>Synlett</i> , 2008, 2008, 1149-1152.	1.8	7
98	Expeditious synthesis of nitrogenated spongianes: 4-methyldecarboxyspongolactams. <i>Tetrahedron</i> , 2010, 66, 2422-2426.	1.9	7
99	Synthetic studies towards picrasane quassinoids. <i>Tetrahedron</i> , 2007, 63, 2335-2350.	1.9	6
100	Synthesis of a New Chiral Pyrrolidine. <i>Molecules</i> , 2010, 15, 1501-1512.	3.8	6
101	Sulfone chemistry for the synthesis of C-branched pyrrolidines. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1467-1472.	1.8	6
102	2,3-dihydroxy-4(18)-neo-cleroden-15-oic acid from <i>cistus populifolius</i> . <i>Phytochemistry</i> , 1995, 38, 443-445.	2.9	5
103	Four Chiral Centers in a One Pot Procedure. Analogues of Isosorbide. <i>Synlett</i> , 1998, 1998, 1364-1365.	1.8	5
104	Vinylsulfones versus alkylsulfones in the addition to chiral imines. Synthesis of N-(tert-butoxycarbonyl)-l-homophenylalanine. <i>Tetrahedron</i> , 2005, 61, 11641-11648.	1.9	5
105	Synthetic Studies Towards the ent-Labdane Diterpenoids: Rearrangement of ent-Halimanes. <i>Molecules</i> , 2006, 11, 792-807.	3.8	5
106	Asymmetric synthesis of 1-benzyl-2-((S)-2,2-dimethyl-1,3-dioxolan-4-yl)-1H-pyrrole using chiral imings. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2260-2264.	1.8	5
107	Enantioselective Synthesis of cis-3-Oxy-2,2,6,6-tetrasubstituted Tetrahydropyrans. <i>Synlett</i> , 2006, 2006, 939-941.	1.8	5
108	Ring-closing metathesis as key step in the synthesis of Luffarin I, 16-epi-Luffarin I and Luffarin A. <i>Molecular Diversity</i> , 2016, 20, 369-377.	3.9	5

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109	Synthesis and Reactivity of α -ketosulfones. <i>Current Organic Chemistry</i> , 2014, 18, 2972-3036.	1.6	5
110	Stereoselective Synthesis of 1-Hydroxymethyl-4-phenylsulfonylbutadienes. <i>Synlett</i> , 1998, 1998, 1361-1363.	1.8	4
111	Prehispanolone Analogs: Stereochemistry Control at C-5 in the Preparation of 1-Oxaspiro[4,5]decane Fused Systems and Related Compounds. <i>Synlett</i> , 2001, 2001, 0153-0155.	1.8	4
112	Synthesis of Vinylsulfone Derivatives of Sugars: An Easy Preparation of (2R,3S,4E)-5-Benzenesulfonyl-2,3-iso-propylidene-dioxy-pent-4-en-1-yl-tosylate. <i>Synlett</i> , 2003, 2003, 0729-0731.	1.8	4
113	Vinylsulfones as Nucleophiles and Michael Acceptors in the Same Step: Stereoselective Synthesis of Amino Acid Precursors. <i>Synthesis</i> , 2005, 2005, 3327-3334.	2.3	4
114	Organocatalyzed Synthesis of [3.2.1] Bicyclooctanes. <i>Molecules</i> , 2018, 23, 1039.	3.8	4
115	STUDIES ON BICYCLO[3.3.1]NONANES FOR SYNTHESIS OF CYCLOOCTENES. <i>Synthetic Communications</i> , 2002, 32, 1829-1839.	2.1	3
116	1-Hydroxymethyl-4-phenylsulfonylbutadiene, a Versatile Building Block for the Synthesis of 2,3,4-Trisubstituted Tetrahydrothiophenes. <i>Molecules</i> , 2004, 9, 323-329.	3.8	3
117	Diastereoselective synthesis of chiral 1,3-cyclohexadienals. <i>PLoS ONE</i> , 2018, 13, e0192113.	2.5	3
118	Antibacterial Natural Halimanes: Potential Source of Novel Antibiofilm Agents. <i>Molecules</i> , 2020, 25, 1707.	3.8	3
119	Synthesis and Absolute Configuration of (-)-Hyrtilosal. <i>Synlett</i> , 2000, 2000, 1807-1809.	1.8	2
120	Minor Diterpenoids from <i>Halimium viscosum</i> . <i>Natural Product Research</i> , 2001, 15, 387-391.	0.4	2
121	Synthesis of (R)-2-(Benzyloxy)-tetrahydro-5,5-dimethylfuran by a New Oxidative Rearrangement. <i>Molecules</i> , 2006, 11, 959-967.	3.8	2
122	Use of Nitriles in Synthesis. First Total Synthesis of ent-Sachalinol A. <i>Synlett</i> , 2006, 2006, 1715-1716.	1.8	2
123	From isoxazolidines to tetrahydro-1,3-oxazines for the synthesis of chiral pyrrolidines. <i>RSC Advances</i> , 2012, 2, 11040.	3.6	2
124	Enantioselective Synthesis of cis-Decalins Using Organocatalysis and Sulfonyl Nazarov Reagents. <i>Molecules</i> , 2015, 20, 6409-6418.	3.8	2
125	The Methylene-Cycloalkylacetate (MCA) Scaffold in Terpenyl Compounds with Potential Pharmacological Activities. <i>Molecules</i> , 2019, 24, 2120.	3.8	1
126	Enantiomerically Pure cis- and trans-2-Substituted Cyclopropanols from Allylic Sulfones. <i>ChemInform</i> , 2003, 34, no.	0.0	0

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127	Stereocontrolled Synthesis of Cyclopropanol Amino Acids from Allylic Sulfones: Conformationally Restricted Building Blocks.. ChemInform, 2004, 35, no.	0.0	0