Simonetta S B Benetti

List of Publications by Year
in descending order

70 papers	1,828 citations	257450 24 h-index	289244 40 g-index
81 all docs	81 docs citations	81 times ranked	1397 citing authors

#	Article	IF	Citations
1	Mastering .beta.-Keto Esters. Chemical Reviews, 1995, 95, 1065-1114.	47.7	234
2	D-(â^')-Quinic acid: a chiron store for natural product synthesis. Tetrahedron: Asymmetry, 1997, 8, 3515-3545.	1.8	125
3	Synthetic Routes to Chiral Nonracemic and Racemic Dihydro- And Tetrahydrothiophenes. Chemical Reviews, 2012, 112, 2129-2163.	47.7	98
4	Synthetic Approaches to Enantiomerically Pure 8-Azabicyclo[3.2.1]octane Derivatives. Chemical Reviews, 2006, 106, 2434-2454.	47.7	88
5	A new approach to kainoids through tandem Michael reaction methodology: application to the enantioselective synthesis of (+)- and (-)-.alpha.-allokainic acid and to the formal synthesis of (-)-.alpha.-kainic acid. Journal of Organic Chemistry, 1992, 57, 6279-6286.	3.2	83
6	Diastereoselective synthesis of Î²-amino-Î±-hydroxy phosphonates via oxazaborolidine catalyzed reduction of Î²-phthalimido-Î±-keto phosphonates. Tetrahedron Letters, 1999, 40, 7705-7708.	1.4	54
7	Total synthesis of (Â±)-epibatidine. Tetrahedron Letters, 1994, 35, 9297-9300.	1.4	51
8	A new, elegant route to a key intermediate for the synthesis of 9(0)-methanoprostacyclin. Journal of Organic Chemistry, 1980, 45, 4776-4778.	3.2	37
9	A simple entry to chiral non-racemic 2-piperazinone derivatives. Tetrahedron Letters, 2005, 46, 3699-3701.	1.4	37
10	1,4-Dithiane-2,5-diol as an efficient synthon for a straightforward synthesis of functionalized tetrahydrothiophenes via sulfa-Michael/aldol-type reactions with electrophilic alkenes. Tetrahedron, 2012, 68, 208-213.	1.9	37
11	A unified asymmetric approach to substituted hexahydroazepine and 7-azabicyclo[2.2.1]heptane ring systems from D(â^')-quinic acid: Application to the formal synthesis of (â^')-balanol and (â^')-epibatidine. Tetrahedron, 1997, 53, 17177-17194.	1.9	36
12	Polymer-bound 4-benzylsulfonyl-1-triphenylphosphoranylidene-2-butanone as a tool for the solid-phase synthesis of substituted piperidin-4-one derivatives.. Tetrahedron Letters, 1998, 39, 7591-7594.	1.4	36
13	The intramolecular nitrile oxide cycloaddition route to forskolin. Journal of the Chemical Society Chemical Communications, 1986, , 757.	2.0	35
14	Tandem michael reactions for the construction of pyrrolidine and piperidine ring systems. Tetrahedron Letters, 1990, 31, 3039-3042.	1.4	32
15	3,5-Disubstituted isoxazoles as synthons for (.+-.)-pyrenophorin and (.+-.)-vermiculine synthesis. Journal of Organic Chemistry, 1983, 48, 1297-1302.	3.2	31
16	Generation and cycloaddition reactions of 3-substituted-2-nitro-1,3-dienes.. Tetrahedron Letters, 1991, 32, 2517-2520.	1.4	31
17	Convenient â€˜one-potâ€™ synthesis of 3,4-substituted tetrahydrothiophenes through tandem Michaelâ€“Henry and Michaelâ€“Michael reactions. Tetrahedron Letters, 2006, 47, 8087-8090.	1.4	30
18	A new â€˜one-potâ€™ synthesis of 2-substituted 3-nitro pyrrolidines through a multicomponent domino reaction. Tetrahedron Letters, 2004, 45, 1373-1375.	1.4	29

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19	Synthesis and reactivity of a stable precursor of 2-cyano-1,3-butadiene. Tetrahedron, 1988, 44, 6451-6454.	1.9	28
20	Methyl 4-oxothiolane-3-carboxylate and methyl 2-methyl-4-oxothiolane-3-carboxylate anions as synthetic equivalents of Î±-acrylate and Î±-crotonate anions. Formal synthesis of integerrinecic acid. Journal of the Chemical Society Perkin Transactions 1, 1984, , 2501-2505.	0.9	27
21	Enantioselective synthesis of (+)- and (â^')-Î±-allokainic acid. Tetrahedron Letters, 1990, 31, 4917-4920.	1.4	26
22	Total synthesis of (.+-.)-isoclovene. Journal of Organic Chemistry, 1985, 50, 23-29.	3.2	25
23	Enantioselective synthesis of (â^')-meroquinene through tandem Michael reaction methodology.. Tetrahedron, 1994, 50, 2583-2590.	1.9	25
24	Hagemann's ester: a timeless building block for natural product synthesis. Tetrahedron, 2010, 66, 2775-2802.	1.9	25
25	A new enantioselective route to kainoids: application to the formal synthesis of (â€“)-Î±-kainic acid. Journal of the Chemical Society Chemical Communications, 1991, , 390-391.	2.0	24
26	4-Isopropyl-2-oxazolin-5-one anion as a new convenient formyl anion equivalent for conjugate addition and aldol reactions.. Tetrahedron Letters, 1993, 34, 3907-3910.	1.4	24
27	Enantiodivergent synthesis of 2-hydroxymethyl-3-hydroxy-4-nitro-pyrrolidines through tandem Michael-Henry reaction using L-serine as the chiral educt. Tetrahedron Letters, 1996, 37, 7599-7602.	1.4	24
28	Ethyl 2,4-dioxoalkanoates as starting materials for a convenient route to 3(2H) furanones and 3(2H) furanimines. Tetrahedron, 1987, 43, 235-242.	1.9	23
29	Efficient Synthesis of Chiral N-Tosyl-3,4-Disubstituted Hexahydroazepins from D-(-)-Quinic Acid. Synlett, 1996, 1996, 29-30.	1.8	23
30	Enantioselective approach to 7-azabicyclo[2.2.1]heptane ring systems using D-(â^')-quinic acid as the chiral educt: Application to the formal synthesis of (+)-epibatidine. Tetrahedron Letters, 1997, 38, 681-684.	1.4	22
31	Synthesis of an 11-deoxy-8-azaprostaglandin E1 intermediate. Journal of Organic Chemistry, 1979, 44, 1734-1736.	3.2	21
32	4-[(4â€²-Methylphenyl)sulfonyl]-1-(triphenylphosphoranylidene)-2-butanone as a New Four-Carbon Synthon for Substituted Divinyl Ketones. European Journal of Organic Chemistry, 2001, 2001, 975-986.	2.4	21
33	A [3+2] nitrile oxide cycloaddition approach to retinoids. Tetrahedron Letters, 1988, 29, 1307-1310.	1.4	20
34	Trapping of cyclopentadienone as a 4Ï€ component in Dielsâ€“Alder reactions with ethyl acrylate: a simple synthesis of (Â±)-sarkomycin. Journal of the Chemical Society Chemical Communications, 1984, .	2.0	19
35	4-[(4-Methylphenyl)sulfonyl]-1-(triphenylphosphoranylidene)-2-butanone and its dianion as versatile tools in organic synthesis. Tetrahedron Letters, 1998, 39, 1973-1976.	1.4	19
36	A [3+2]nitrile oxide cycloaddition approach to (â^')-pyrenophorin, and rosefuran. Tetrahedron, 1995, 51, 7721-7726.	1.9	18

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37	Elaboration of the .omega.-chain of 11-deoxyprostanoid derivatives through isoxazole intermediates. Journal of Organic Chemistry, 1981, 46, 4518-4524.	3.2	17
38	Generation and cycloaddition reactions of substituted 2-nitro-1,3-dienes. Tetrahedron, 1996, 52, 9275-9288.	1.9	16
39	Enantioselective formal synthesis of (â˜)-ovalicin using quinic acid as a chiral template. Tetrahedron: Asymmetry, 1998, 9, 2857-2864.	1.8	16
40	A Diphenylprolinol TMS Ether/Bile Acid Organocatalytic System for the Asymmetric Domino Sulfa-Michael/Aldol Condensation Reactions of 1,4-Dithiane-2,5-diol and Cinnamaldehydes. Letters in Organic Chemistry, 2009, 6, 593-597.	0.5	16
41	A new nitrile oxide based synthesis of the antitumor agent geiparvarin. Tetrahedron Letters, 1985, 26, 5319-5322.	1.4	15
42	4-Isopropyl-2-oxazolin-5-one anion as masked umpoled synthon for both formyl and hydroxycarbonyl anions: Generation, reactivity and synthetic applications. Tetrahedron, 1996, 52, 4719-4734.	1.9	15
43	3,5-Disubstituted isoxazoles as a latent aldol moiety: application to the synthesis of (Â±)-[6]-gingerol. Journal of the Chemical Society Chemical Communications, 1981, .	2.0	14
44	Ethyl 5-substituted-3-isoxazolecarboxylates as starting materials for a convenient route to 3(2H)furanones and 3(2H)iminofuranes.. Tetrahedron Letters, 1984, 25, 4313-4316.	1.4	14
45	A chemoenzymatic approach to chiral phenylisoserinates using 4-isopropyl-2-oxazolin-5-one as masked umpoled synthon for hydroxycarbonyl anion. Tetrahedron Letters, 1994, 35, 9289-9292.	1.4	14
46	Stereoselective Synthesis of 8â€Azaâ€9,11â€ethenoprostaglandin H₁. Liebigs Annalen Der Chemie, 1982, 1982, 960-965.	0.8	13
47	A one-pot synthesis of nitrohydroxylated pyrrolidine and piperidine ring systems by tandem Michael-Henry reaction. Tetrahedron Letters, 1994, 35, 9293-9296.	1.4	13
48	From (â˜)-quinic acid to 8-azabicyclo[3.2.1]octane framework: Preparation of an enantiopure tropan-6Î±-ol. Tetrahedron, 1999, 55, 5923-5930.	1.9	13
49	Diastereoselective nitrocyclopropanation of 2,5-dihydrothiophene-3-carbaldehydes. Tetrahedron Letters, 2013, 54, 283-286.	1.4	13
50	A new enantiodivergent synthesis of the Geissmanâ€“Waiss lactone. Tetrahedron, 2007, 63, 4278-4283.	1.9	12
51	Azaprostaglandin analogs. Synthesis and biological properties of 11-azaprostaglandin derivatives. Journal of Medicinal Chemistry, 1981, 24, 625-628.	6.4	11
52	Synthesis of 2,5-Disubstituted Pyrroles and Pyrrolidines by Intramolecular Cyclization of 6-Amino-3-keto Sulfones. Synthesis, 2002, 2002, 331-338.	2.3	11
53	A novel Î±-acrylate anion equivalent: a useful synthon for Î±-substituted acrylic esters. Journal of the Chemical Society Chemical Communications, 1982, , 1265-1266.	2.0	10
54	Enantioselective synthesis of the hexahydronaphthalene nucleus of (â˜)-compactin from ethyl (1R,2S)-2-methyl-4-oxocyclohexanecarboxylate and 2-(3-nitropropyl)-1,3-dioxolane as four carbon bifunctional annelating agent.. Tetrahedron, 1994, 50, 11743-11754.	1.9	10

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55	Solid-Phase Synthesis of Indolizidine and Quinolizidine Derivatives. ACS Combinatorial Science, 2000, 2, 337-340.	3.3	9
56	3,4-Bismethylenecyclopentanone ethylene ketal: A useful diene for[6.5]ring systems: Application to a formal synthesis of gibberellic acid. Tetrahedron, 1989, 45, 3935-3944.	1.9	8
57	An Improved Procedure for the Preparation of Î²-Nitroethylamines. Synthesis, 1991, 1991, 479-480.	2.3	8
58	Use of [3 + 2] cycloaddition in elaboration of the .omega. chain of prostaglandins. Journal of Organic Chemistry, 1980, 45, 3141-3142.	3.2	7
59	Rhenium(V) complexes with vinyl amides. Transition Metal Chemistry, 1981, 6, 380-381.	1.4	7
60	Synthesis of melodienone and 7-hydroxy-6-hydromelodienone, two heptenes from Melodorum fruticosum.. Tetrahedron, 1994, 50, 10491-10496.	1.9	6
61	Synthesis of syn- and anti-tricyclo [4.1.0.02,4] heptan-5-ones and related compounds. Tetrahedron, 1984, 40, 761-764.	1.9	5
62	4-[(4-Methylphenyl)sulfonyl]-1-(triphenylphosphoranylidene)-2-butanone as a convenient precursor for a new formal synthesis of KDO. Tetrahedron, 2002, 58, 8553-8558.	1.9	5
63	A Linear Allergic Contact Dermatitis to p-tert-Butylphenol Formaldehyde Resin Sectorially Present in a Neoprene Orthopedic Brace. Dermatitis, 2012, 23, 292-293.	1.6	5
64	A convenient preparation of 3-isopropyl-1-methylcyclopentylmethanol and 1-isopropyl-3-methylcyclopentylmethanol via Favorskii rearrangement. Tetrahedron: Asymmetry, 2009, 20, 2145-2148.	1.8	4
65	Diastereoselective synthesis of 2-substituted-piperidin-4-ones as convenient precursors for an asymmetric approach to carbacephams. Tetrahedron, 2003, 59, 8439-8444.	1.9	1
66	An Efficient Preparation of 2-Methyl-1-Cyclopentene-1-Carboxylic Acid, a Versatile Synthetic Building Block. Letters in Organic Chemistry, 2007, 4, 285-287.	0.5	1
67	Allergic contact dermatitis in a volleyball player due to protective adhesive taping. European Journal of Dermatology, 2011, 21, 430-431.	0.6	1
68	A New â€œOne-Potâ€•Synthesis of 2-Substituted 3-Nitropyrrolidines Through a Multicomponent Domino Reaction.. ChemInform, 2004, 35, no.	0.0	0
69	A Simple Entry to Chiral Non-racemic 2-Piperazinone Derivatives.. ChemInform, 2005, 36, no.	0.0	0
70	Ethyl 5-[(4-Methylphenyl)sulfonyl]-3-Oxopentanoate: A Bench-Stable Synthon for Ethyl 3-Oxopent-4-enoate (Nazarovâ€™s Reagent). Synlett, 2008, 2008, 2609-2612.	1.8	0