Tarek Sammakia

List of Publications by Year
in descending order

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51 papers	2,764 citations	186265 28 h-index	182427 51 g-index
51 all docs	51 docs citations	51 times ranked	1875 citing authors

#	Article	IF	Citations
1	Identifying signatures of proteolytic stability and monomeric propensity in O-glycosylated insulin using molecular simulation. Journal of Computer-Aided Molecular Design, 2022, 36, 313-328.	2.9	2
2	Using Structurally Well-Defined Norbornyl-Bridged Acene Dimers to Map a Mechanistic Landscape for Correlated Triplet Formation in Singlet Fission. Journal of the American Chemical Society, 2019, 141, 5961-5971.	13.7	58
3	Modular Synthesis of Rigid Polyacene Dimers for Singlet Fission. Organic Letters, 2018, 20, 457-460.	4.6	28
4	The Conversion of tert-Butyl Esters to Acid Chlorides Using Thionyl Chloride. Journal of Organic Chemistry, 2017, 82, 3245-3251.	3.2	25
5	Synthesis of Geometrically Well-Defined Covalent Acene Dimers for Mechanistic Exploration of Singlet Fission. Journal of Organic Chemistry, 2017, 82, 4866-4874.	3.2	21
6	Doubly Vinylogous Aldol Reaction of Furoate Esters with Aldehydes and Ketones. Journal of Organic Chemistry, 2017, 82, 759-764.	3.2	3
7	Synthesis of N-Vinyl Nitrones via 1,4-Conjugate Elimination. Journal of Organic Chemistry, 2015, 80, 6930-6935.	3.2	21
8	Regioselective Ring Opening of Di-isopropylsilylenes Derived from 1,3-Diols with Alkyl Lithium Reagents. Organic Letters, 2015, 17, 5196-5199.	4.6	7
9	Select steroid hormone glucuronide metabolites can cause toll-like receptor 4 activation and enhanced pain. Brain, Behavior, and Immunity, 2015, 44, 128-136.	4.1	13
10	Toward the Synthesis of (+)-Peloruside A via an Intramolecular Vinylogous Aldol Reaction. Organic Letters, 2012, 14, 178-181.	4.6	30
11	The Vinylogous Aldol Reaction of Unsaturated Esters and Enolizable Aldehydes Using the Novel Lewis Acid Aluminum Tris(2,6-di-2-naphthylphenoxide). Organic Letters, 2012, 14, 2678-2681.	4.6	17
12	Total Synthesis of Dermostatin A. Journal of Organic Chemistry, 2011, 76, 7641-7653.	3.2	36
13	Synthesis of Methyl-1-(tert-butoxycarbonylamino)-2-vinylcyclopropanecarboxylate via a Hofmann Rearrangement Utilizing Trichloroisocyanuric Acid as an Oxidant. Journal of Organic Chemistry, 2011, 76, 277-280.	3.2	39
14	New inhibitors of colony spreading in Bacillus subtilis and Bacillus anthracis. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5583-5588.	2.2	4
15	Î±-Arylation of 3-Aryloxindoles. Organic Letters, 2010, 12, 2306-2309.	4.6	45
16	Application of the Intramolecular Yamamoto Vinylogous Aldol Reaction to the Synthesis of Macrolides. Organic Letters, 2007, 9, 2103-2106.	4.6	19
17	Double Diastereoselective Acetate Aldol Reactions with ChiralN-Acetyl Thiazolidinethione Reagents. Journal of Organic Chemistry, 2006, 71, 6262-6265.	3.2	23
18	Kinetic Resolution of Protected Î±-Amino Acid Derivatives by a ChiralO-Nucleophilic Acyl Transfer Catalyst. Journal of the American Chemical Society, 2006, 128, 4230-4231.	13.7	29

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19	Kinetic Resolution of Î±-AcetoxyN-Acyl Oxazolidinethiones by a Chiral O-Nucleophilic Acyl Transfer Catalyst. Journal of the American Chemical Society, 2005, 127, 13502-13503.	13.7	46
20	Chapter 13 Functionalization of pyridines and thiazoles via the halogen-dance reaction, application to the total synthesis of caerulomycin c and WS75624 B. Strategies and Tactics in Organic Synthesis, 2005, 6, 415-436.	0.1	1
21	Remote Asymmetric Induction in an Intramolecular Ionic Dielsâ^'Alder Reaction:Â Application to the Total Synthesis of (+)-Dihydrocompactin. Journal of the American Chemical Society, 2005, 127, 6504-6505.	13.7	22
22	Highly Selective Reduction of Acyclic Î²-Alkoxy Ketones to Protectedsyn-1,3-Diols. Organic Letters, 2004, 6, 3143-3145.	4.6	15
23	Highly Selective Asymmetric Acetate Aldol Reactions of anN-Acetyl Thiazolidinethione Reagent. Organic Letters, 2004, 6, 23-25.	4.6	70
24	Synthesis of a NewN-Acetyl Thiazolidinethione Reagent and Its Application to a Highly Selective Asymmetric Acetate Aldol Reaction. Organic Letters, 2004, 6, 3139-3141.	4.6	49
25	Use of Thiazoles in the Halogen Dance Reaction:â€‰ Application to the Total Synthesis of WS75624 B. Journal of Organic Chemistry, 2004, 69, 2381-2385.	3.2	77
26	O-Nucleophilic Amino Alcohol Acyl-Transfer Catalysts:â€‰ the Effect of Acidity of the Hydroxyl Group on the Activity of the Catalyst. Organic Letters, 2003, 5, 4105-4108.	4.6	29
27	Total Synthesis of Caerulomycin C via the Halogen Dance Reaction. Organic Letters, 2002, 4, 2385-2388.	4.6	58
28	Enhanced Selectivities for the Hydroxyl-Directed Methanolysis of Esters Using the 2-Acyl-4-aminopyridine Class of Acyl Transfer Catalysts:Â Ketones as Binding Sites. Journal of Organic Chemistry, 2000, 65, 974-978.	3.2	25
29	Picolinic acid as a partner in the Mitsunobu reaction: Subsequent hydrolysis of picolinate esters under essentially neutral conditions with copper acetate in methanol. Tetrahedron Letters, 1999, 40, 2685-2688.	1.4	36
30	Studies on the Mechanism of Action of 2-Formyl-4-pyrrolidinopyridine:Â Isolation and Characterization of a Reactive Intermediate. Journal of Organic Chemistry, 1999, 64, 4652-4664.	3.2	46
31	Transfer Hydrogenation with Ruthenium Complexes of Chiral (Phosphinoferrocenyl)oxazolines. Journal of Organic Chemistry, 1997, 62, 6104-6105.	3.2	131
32	New chiral ligands for the asymmetric copper catalyzed conjugate addition of Grignard reagents to enones. Tetrahedron, 1997, 53, 16503-16510.	1.9	114
33	2-Formyl-4-pyrrolidinopyridine (FPP):Â A New Catalyst for the Hydroxyl-Directed Methanolysis of Esters. Journal of the American Chemical Society, 1996, 118, 8967-8968.	13.7	27
34	On the Mechanism of Oxazoline-Directed Metalations:Â Evidence for Nitrogen-Directed Reactions. Journal of Organic Chemistry, 1996, 61, 1629-1635.	3.2	90
35	Dihydroxylation and oxidative cleavage of olefins in the presence of sulfur. Tetrahedron Letters, 1996, 37, 4427-4430.	1.4	17
36	A mild synthesis of substituted furans from Î³-hydroxy-Î±,Î²-unsaturated ketones. Tetrahedron Letters, 1996, 37, 6065-6068.	1.4	29

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37	On the Use of Ferrocenyl Cations as Chiral Lewis Acids: Evidence for Protic Acid Catalysis. Tetrahedron Letters, 1995, 36, 6867-6870.	1.4	21
38	Diastereoselective Diels-Alder Reactions via Cyclic Vinyloxocarbenium Ions. Journal of Organic Chemistry, 1995, 60, 6652-6653.	3.2	30
39	Ligand effects on the stereochemistry of the metalation of chiral ferrocenyloxazolines. Journal of Organic Chemistry, 1995, 60, 6002-6003.	3.2	121
40	Highly Diastereoselective Ortho Lithiations of Chiral Oxazoline-Substituted Ferrocenes. Journal of Organic Chemistry, 1995, 60, 10-11.	3.2	222
41	Evidence for an Oxocarbenium Ion Intermediate in Lewis Acid Mediated Reactions of Acyclic Acetals. Journal of the American Chemical Society, 1994, 116, 7915-7916.	13.7	86
42	Asymmetric Diels-Alder Reactions with .alpha.,.beta.-Unsaturated Acetals. Journal of Organic Chemistry, 1994, 59, 6890-6891.	3.2	35
43	Mechanism of the Lewis acid mediated cleavage of chiral acetals. Journal of Organic Chemistry, 1992, 57, 2997-3000.	3.2	36
44	Direct evidence for an oxocarbenium ion intermediate in the asymmetric cleavage of chiral acetals. Journal of the American Chemical Society, 1992, 114, 10998-10999.	13.7	71
45	Total synthesis of FK506 and an FKBP probe reagent, [C(8),C(9)-13C2]-FK506. Journal of the American Chemical Society, 1990, 112, 5583-5601.	13.7	257
46	Studies relating to the synthesis of the immunosuppressive agent FK-506: application of the two-directional chain synthesis strategy to the pyranose moiety. Journal of Organic Chemistry, 1989, 54, 15-16.	3.2	42
47	Structural and synthetic studies of the spore germination autoinhibitor, gloeosporone. Journal of the American Chemical Society, 1988, 110, 6210-6218.	13.7	85
48	Dynamic behavior of dicobalt hexacarbonyl propargyl cations and their reactions with chiral nucleophiles. Journal of the American Chemical Society, 1987, 109, 5749-5759.	13.7	164
49	Stereochemical studies of the skipped-polyol polyene macrolide class: NMR studies of a tetraformylal derivative of mycoticin A and B.. Tetrahedron Letters, 1987, 28, 6005-6008.	1.4	22
50	The epoxidation of unsaturated macrolides. Stereocontrolled routes to ionophore subunits. Journal of the American Chemical Society, 1986, 108, 2106-2108.	13.7	100
51	A Lewis acid-mediated version of the Nicholas reaction: Synthesis of syn-alkylated products and cobalt-complexed cycloalkynes. Journal of the American Chemical Society, 1986, 108, 3128-3130.	13.7	170