Andrea Sartori

List of Publications by Year
in descending order

64	2,197	201674 27	233421 45
papers	citations	h-index	g-index

84	84	84	2256
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Writing Patterns of Molecules on Molecular Printboards. Angewandte Chemie - International Edition, 2004, 43, 369-373.	13.8	162
2	Divalent Binding of a Bis(adamantyl)-Functionalized Calix[4]arene to Î²-cyclodextrin-based Hosts:Â An Experimental and Theoretical Study on Multivalent Binding in Solution and at Self-Assembled Monolayers. Journal of the American Chemical Society, 2004, 126, 6627-6636.	13.7	133
3	New Developments of the Principle of Vinylogy as Applied to Ï€-Extended Enolate-Type Donor Systems. Chemical Reviews, 2020, 120, 2448-2612.	47.7	122
4	Bifunctional Cinchona Alkaloid/Thiourea Catalyzes Direct and Enantioselective Vinylogous Michael Addition of 3â€Alkylidene Oxindoles to Nitroolefins. Angewandte Chemie - International Edition, 2012, 51, 6200-6204.	13.8	116
5	Exploring the Vinylogous Reactivity of Cyclohexenylidene Malononitriles: Switchable Regioselectivity in the Organocatalytic Asymmetric Addition to Enals Giving Highly Enantioenriched Carbabicyclic Structures. Journal of the American Chemical Society, 2014, 136, 11107-11114.	13.7	106
6	Catalysis of Diribonucleoside Monophosphate Cleavage by Water Soluble Copper(II) Complexes of Calix[4]arene Based Nitrogen Ligands. Journal of the American Chemical Society, 2006, 128, 12322-12330.	13.7	87
7	Efficient and Selective Cleavage of RNA Oligonucleotides by Calix[4]arene-Based Synthetic Metallonucleases. Journal of the American Chemical Society, 2007, 129, 12512-12520.	13.7	79
8	Assembly of a Supramolecular Capsule on a Molecular Printboard. Journal of the American Chemical Society, 2004, 126, 17050-17058.	13.7	71
9	Direct and Enantioselective Vinylogous Michael Addition of Î±â€Alkylidenepyrazolinones to Nitroolefins Catalyzed by Dual Cinchona Alkaloid Thioureas. Advanced Synthesis and Catalysis, 2014, 356, 2330-2336.	4.3	52
10	Di- and Trinuclear Zn2+Complexes of Calix[4]arene Based Ligands as Catalysts of Acyl and Phosphoryl Transfer Reactions. Journal of Organic Chemistry, 2005, 70, 624-630.	3.2	50
11	Direct Regioâ€, Diastereoâ€, and Enantioselective Vinylogous Michael Addition of Prochiral 3â€Alkylideneoxindoles to Nitroolefins. Advanced Synthesis and Catalysis, 2013, 355, 1881-1886.	4.3	50
12	Discovery of Subnanomolar Arginine-Glycine-Aspartate-Based Î±_VÎ²₃/Î±_VÎ²₅ Integrin Binders Embedding 4-Aminoproline Residues. Journal of Medicinal Chemistry, 2008, 51, 1771-1782.	6.4	46
13	Asymmetric, catalytic, vinylogous aldol reactions using pyrrole-based dienoxy silanes. Enantioselective synthesis of Î±,Î²-unsaturated Î³-butyrolactam synthons. Tetrahedron Letters, 2009, 50, 3428-3431.	1.4	43
14	Catalytic, Enantioselective Vinylogous Mukaiyama Aldol Reaction of Furanâ€Based Dienoxy Silanes: A Chemodivergent Approach to Î³â€Valerolactone Flavanâ€3â€ol Metabolites and Îˆâ€Lactone Analogues. Advanced Synthesis and Catalysis, 2015, 357, 4082-4092.	4.3	40
15	Diastereo- and Enantioselective Catalytic Vinylogous Mukaiyama-Mannich Reactions of Pyrrole-Based Silyl Dienolates with Alkyl-Substituted Aldehydes. Journal of Organic Chemistry, 2011, 76, 10291-10298.	3.2	39
16	Streamlined, Asymmetric Synthesis of 8,4â€˜-Oxyneolignans. Journal of Organic Chemistry, 2006, 71, 8552-8558.	3.2	37
17	3â€Alkenylâ€2â€silyloxyindoles: An Enabling, Yet Understated Progeny of Vinylogous Carbon Nucleophiles. European Journal of Organic Chemistry, 2012, 2012, 466-470.	2.4	37
18	Organocatalytic, Asymmetric Eliminative [4+2] Cycloaddition of Allylidene Malononitriles with Enals: Rapid Entry to Cyclohexadieneâ€Embedding Linear and Angular Polycycles. Angewandte Chemie - International Edition, 2015, 54, 7386-7390.	13.8	37

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19	Synthesis of Novel c(AmpRGD)â€“Sunitinib Dual Conjugates as Molecular Tools Targeting the Î±_vÎ²₃ Integrin/VEGFR2 Couple and Impairing Tumor-Associated Angiogenesis. Journal of Medicinal Chemistry, 2017, 60, 248-262.	6.4	36
20	RGD Peptideâ€Drug Conjugates as Effective Dual Targeting Platforms: Recent Advances. European Journal of Organic Chemistry, 2021, 2021, 2506-2528.	2.4	36
21	Vicarious Silylative Mukaiyama Aldol Reaction: A Vinylogous Extension. Journal of Organic Chemistry, 2008, 73, 5446-5451.	3.2	33
22	3-Alkenyl-2-silyloxyindoles in Vinylogous Mannich Reactions: Synthesis of Aminated Indole-Based Scaffolds and Products. Organic Letters, 2014, 16, 932-935.	4.6	32
23	Enolizable Alkylidene Heterocyclic and Carbocyclic Carbonyl SystemsÂ: Valuable Vinylogous Donor Substrates in Synthesis. Synthesis, 2017, 49, 2297-2336.	2.3	32
24	Catalytic, Asymmetric Hypervinylogous Mukaiyama Aldol Reactions of Extended Furan-Based Silyl Enolates. Organic Letters, 2011, 13, 4738-4741.	4.6	31
25	Calix[4]arene-Based Zn2+Complexes as Shape- and Size-Selective Catalysts of Ester Cleavage. Journal of Organic Chemistry, 2005, 70, 5398-5402.	3.2	29
26	Aqueous and Solventâ€Free Uncatalyzed Threeâ€Component Vinylogous Mukaiyamaâ€“Mannich Reactions of Pyrroleâ€Based Silyl Dienolates. Advanced Synthesis and Catalysis, 2011, 353, 3278-3284.	4.3	28
27	Cell-targeted c(AmpRGD)-sunitinib molecular conjugates impair tumor growth of melanoma. Cancer Letters, 2019, 446, 25-37.	7.2	28
28	Di- and trinuclear arrangements of zinc(II)-1,5,9-triazacyclododecane units on the calix[4]arene scaffold: Efficiency and substrate selectivity in the catalysis of ester cleavage. Inorganica Chimica Acta, 2007, 360, 981-986.	2.4	27
29	Direct-type vinylogous Mukaiyamaâ€“Michael addition reactions involving pyrrolinone donors. Tetrahedron, 2008, 64, 11697-11705.	1.9	25
30	Enhancement of the Uptake and Cytotoxic Activity of Doxorubicin in Cancer Cells by Novel cRGD-Semipeptide-Anchoring Liposomes. Molecular Pharmaceutics, 2014, 11, 2280-2293.	4.6	25
31	Quinoline-Containing Calixarene Fluoroionophores: A Combined NMR, Photophysical and Modeling Study. European Journal of Organic Chemistry, 2003, 2003, 1475-1485.	2.4	24
32	Dinuclear Barium(II) Complexes Based on a Calix[4]arene Scaffold as Catalysts of Acyl Transfer. Chemistry - A European Journal, 2004, 10, 4436-4442.	3.3	24
33	New Enantioselective Entry to Cycloheptane Amino Acid Polyols. Journal of Organic Chemistry, 2006, 71, 225-230.	3.2	24
34	Pushing the Boundaries of Vinylogous Reactivity: Catalytic Enantioselective Mukaiyama Aldol Reactions of Highly Unsaturated 2â€Silyloxyindoles. Chemistry - A European Journal, 2015, 21, 6433-6442.	3.3	23
35	A multiple-quantum nuclear magnetic resonance study of interstitial Li clusters in LixC60. Journal of Chemical Physics, 2001, 115, 472-476.	3.0	21
36	Integrin-targeted AmpRGD sunitinib liposomes as integrated antiangiogenic tools. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 135-145.	3.3	21

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37	The first synthesis and characterisation of elusive cone 1,2-diformyl tetraalkoxycalix[4]arenes and their derivatives. Tetrahedron, 2003, 59, 5539-5544.	1.9	18
38	Further Uses of Pyrroleâ€Based Dienoxysilane Synthons: A Full Aldol Approach to Azabicyclo[x.2.1]alkane Systems. European Journal of Organic Chemistry, 2008, 2008, 2273-2287.	2.4	18
39	Synthesis, structure and inhibitory activity of a stereoisomer of oseltamivir carboxylate. Organic and Biomolecular Chemistry, 2014, 12, 1561.	2.8	18
40	Exploring the Remote Reactivity of Ï€-Extended Carbonyl Compounds: The Vinylogous Alkylidene Malononitrile Activation Strategy. Synlett, 2018, 29, 266-281.	1.8	18
41	Efficacy of a Selective Binder of Î±VÎ²3 Integrin Linked to the Tyrosine Kinase Inhibitor Sunitinib in Ovarian Carcinoma Preclinical Models. Cancers, 2019, 11, 531.	3.7	18
42	Calix[4]arene Anion Receptors Bearing 2,2,2-trifluoroethanol Groups at The Upper Rim. Supramolecular Chemistry, 2006, 18, 199-218.	1.2	17
43	Onâ€Water Vinylogous Mukaiyamaâ€“Michael Addition of Heterocyclic 2â€Silyloxydienes to 1,2â€Diazaâ€1,3â€dienes: Oneâ€Pot Threeâ€Step Entry to Functionalityâ€Rich Pyrroles. Advanced Synthesis and Catalysis, 2011, 353, 1966-1972.	4.3	17
44	Gold Nanoparticles Functionalized with RGDâ€Semipeptides: A Simple yet Highly Effective Targeting System for Î±_VÎ²₃ Integrins. Chemistry - A European Journal, 2018, 24, 12093-12100.	3.3	17
45	A threonine synthase homolog from a mammalian genome. Biochemical and Biophysical Research Communications, 2006, 350, 922-928.	2.1	15
46	Diastereoselective Synthesis of 4,5â€˜-Bis-proline Compounds via Reductive Dimerization ofN-Acyloxyiminium Ions. Journal of Organic Chemistry, 2007, 72, 1814-1817.	3.2	13
47	(E)â€3â€(Alkoxycarbonylâ€2â€Alkyliden)â€2â€Oxindoles: Multidentate Pronucleophiles for the Organocatalytic, Vinylogous Michael Addition to Nitroolefins. Advanced Synthesis and Catalysis, 2018, 360, 711-721.	4.3	13
48	Unlocking Access to Enantiopure Fused Uracils by Chemodivergent [4+2] Crossâ€Cycloadditions: DFTâ€Supported Homoâ€Synergistic Organocatalytic Approach. Angewandte Chemie - International Edition, 2020, 59, 20055-20064.	13.8	12
49	Synthesis and preclinical evaluation of a novel, selective ¹¹¹In-labelled aminoproline-RGD-peptide for non-invasive melanoma tumor imaging. MedChemComm, 2015, 6, 2175-2183.	3.4	11
50	NMR evidence forsp3carbon in the low-temperature phase ofLixC60. Physical Review B, 2001, 63, .	3.2	10
51	[18F](2S,4R)-4-Fluoroglutamine as a New Positron Emission Tomography Tracer in Myeloma. Frontiers in Oncology, 2021, 11, 760732.	2.8	9
52	Electronic properties of (NH 3) x NaK 2 C 60. Europhysics Letters, 2001, 53, 762-768.	2.0	8
53	Direct, Asymmetric Synthesis of Carbocycleâ€Fused Uracils via [4+2] Cycloadditions: a Noncovalent Organocatalysis Approach. Advanced Synthesis and Catalysis, 2021, 363, 2625-2633.	4.3	8
54	Shifting Towards Î±_VÎ²₆ Integrin Ligands Using Novel Aminoprolineâ€Based Cyclic Peptidomimetics. Chemistry - A European Journal, 2020, 26, 13468-13475.	3.3	7

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55	Hierarchical Selfâ€Assembly of Luminescent Eu^{III} Complexes on Silicon. European Journal of Inorganic Chemistry, 2014, 2014, 2687-2694.	2.0	6
56	Nintedanib-Containing Dual Conjugates Targeting Î±_VÎ²₆ Integrin and Tyrosine Kinase Receptors as Potential Antifibrotic Agents. ACS Omega, 2022, 7, 17658-17669.	3.5	6
57	Unlocking Access to Enantiopure Fused Uracils by Chemodivergent [4+2] Crossâ€Cycloadditions: DFTâ€Supported Homoâ€Synergistic Organocatalytic Approach. Angewandte Chemie, 2020, 132, 20230-20239.	2.0	5
58	Design and synthesis of a cavitand pillar for MOFs. Supramolecular Chemistry, 2014, 26, 151-156.	1.2	3
59	New 4-Aminoproline-Based Small Molecule Cyclopeptidomimetics as Potential Modulators of Î±4Î²1 Integrin. Molecules, 2021, 26, 6066.	3.8	3
60	London penetration depth and coherence peak in ammonia-intercalated fulleride superconductors. Applied Magnetic Resonance, 2000, 19, 517-523.	1.2	0
61	Quantitation of Commercially Available API Solid Forms by Application of the NMR-qSRC Approach: An Optimization Strategy Based on In Silico Simulations. Analytical Chemistry, 2021, 93, 9049-9055.	6.5	0
62	[18f]-(2S,4R)-4-Fluoroglutamine As a New Positron Emission Tomography Tracer in Multiple Myeloma. Blood, 2019, 134, 5542-5542.	1.4	0
63	P-016: The role [18F]-(2S,4R)-4-Fluoroglutamine as a new positron emission tomography tracer in Myeloma in vivo models.. Clinical Lymphoma, Myeloma and Leukemia, 2021, 21, S47-S48.	0.4	0
64	Development and Validation of [18f](2 S,4 R)-4-Fluoroglutamine in Multiple Myeloma Mouse Models. Blood, 2021, 138, 2674-2674.	1.4	0