Subhash C Sinha

List of Publications by Year
in descending order

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33	1,338	471371	395590
papers	citations	17 h-index	33 g-index

51	51	51	1679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of site-specific antibody-drug conjugates using unnatural amino acids. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16101-16106.	3.3	502
2	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution ofÎ²-Hydroxyketones with Aldolase Antibodies. Angewandte Chemie - International Edition, 1998, 37, 2481-2484.	7.2	100
3	Targeting Cell Surface Alpha(v)beta(3) Integrin Increases Therapeutic Efficacies of a Legumain Protease-Activated Auristatin Prodrug. Molecular Pharmaceutics, 2012, 9, 168-175.	2.3	73
4	Toward Chemical Libraries of Annonaceous Acetogenins. Total Synthesis of Trilobacin. Journal of Organic Chemistry, 1996, 61, 7640-7641.	1.7	64
5	AD-linked R47H- TREM2 mutation induces disease-enhancing microglial states via AKT hyperactivation. Science Translational Medicine, 2021, 13, eabe3947.	5.8	55
6	Total Synthesis of (+)-Aspicilin. The Naked Carbon Skeleton Strategy vs the Bioorganic Approach. Journal of Organic Chemistry, 1997, 62, 377-386.	1.7	46
7	Sets of Aldolase Antibodies with Antipodal Reactivities. Formal Synthesis of Epothilone E by Large-Scale Antibody-Catalyzed Resolution of Thiazole Aldol. Organic Letters, 1999, 1, 1623-1626.	2.4	42
8	Bidirectional regulation of AÎ² levels by Presenilin 1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7142-7147.	3.3	42
9	Oxidative polycyclizations with rhenium(VII) oxides. Pure and Applied Chemistry, 2002, 74, 93-105.	0.9	42
10	Total Synthesis of Trilobin. Journal of Organic Chemistry, 1999, 64, 2381-2386.	1.7	34
11	Chemically Programmed Bispecific Antibodies in Diabody Format. Journal of Biological Chemistry, 2016, 291, 19661-19673.	1.6	33
12	Prodrugs of dynemicin analogs for selective chemotherapy mediated by an aldolase catalytic Ab. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3095-3099.	3.3	30
13	Reduced Kv3.1 Activity in Dentate Gyrus Parvalbumin Cells Induces Vulnerability to Depression. Biological Psychiatry, 2020, 88, 405-414.	0.7	29
14	Preparation of integrin Î±(v)Î²(3)-targeting Ab 38C2 constructs. Nature Protocols, 2007, 2, 449-456.	5.5	25
15	Gleevec shifts APP processing from a Î²-cleavage to a nonamyloidogenic cleavage. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1389-1394.	3.3	22
16	Alteration of the Bis-tetrahydrofuran Core Stereochemistries in Asimicin Can Affect the Cytotoxicity. Journal of Medicinal Chemistry, 2008, 51, 7045-7048.	2.9	20
17	MAP4K4 promotes pancreatic tumorigenesis via phosphorylation and activation of mixed lineage kinase 3. Oncogene, 2021, 40, 6153-6165.	2.6	19
18	Catalytic Antibodies as Probes of Evolution: Modeling of a Primordial Glycosidase. Angewandte Chemie International Edition in English, 1996, 35, 2628-2630.	4.4	18

#	Article	IF	Citations
19	Chemically Programmed Bispecific Antibody Targeting Legumain Protease and Î±vÎ²3 Integrin Mediates Strong Antitumor Effects. Molecular Pharmaceutics, 2015, 12, 2544-2550.	2.3	16
20	Semiquinone and Cluster N6 Signals in His-tagged Proton-translocating NADH:Ubiquinone Oxidoreductase (Complex I) from Escherichia coli. Journal of Biological Chemistry, 2013, 288, 14310-14319.	1.6	13
21	Mixed lineage kinase 3 inhibition induces T cell activation and cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7961-7970.	3.3	13
22	Brain Permeable Tafamidis Amide Analogs for Stabilizing TTR and Reducing APP Cleavage. ACS Medicinal Chemistry Letters, 2020, 11, 1973-1979.	1.3	12
23	Mixed Lineage Kinase 3 phosphorylates prolyl-isomerase PIN1 and potentiates GLI1 signaling in pancreatic cancer development. Cancer Letters, 2021, 515, 1-13.	3.2	12
24	Aldolase Antibody Activation of Prodrugs of Potent Aldehyde-Containing Cytotoxics for Selective Chemotherapy. Chemistry - A European Journal, 2004, 10, 5467-5472.	1.7	9
25	SMI-Ribosome inactivating protein conjugates selectively inhibit tumor cell growth. Chemical Communications, 2017, 53, 4234-4237.	2.2	8
26	Activation of respiratory Complex I from Escherichia coli studied by fluorescent probes. Heliyon, 2017, 3, e00224.	1.4	7
27	Transcriptional regulation of mixed lineage kinase 3 by estrogen and its implication in ER-positive breast cancer pathogenesis. Oncotarget, 2017, 8, 33172-33184.	0.8	5
28	Î±â€Multistriatin: The First Total Synthesis of a Natural Product via Antibody Catalysis. Israel Journal of Chemistry, 1996, 36, 185-193.	1.0	4
29	Development of Gleevec Analogues for Reducing Production of Î²-Amyloid Peptides through Shifting Î²-Cleavage of Amyloid Precursor Proteins. Journal of Medicinal Chemistry, 2019, 62, 3122-3134.	2.9	4
30	A Pentacyclic Triterpene from Ligustrum lucidum Targets Î³-Secretase. ACS Chemical Neuroscience, 2020, 11, 2827-2835.	1.7	4
31	Undesired versus designed enzymatic cleavage of linkers for liver targeting. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1144-1147.	1.0	1
32	Development of Kinase Inactive PD173955 Analogues for Reducing Production of AÎ² Peptides. ACS Medicinal Chemistry Letters, 2019, 10, 1430-1435.	1.3	1
33	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution of Î²-Hydroxyketones with Aldolase Antibodies. , 1998, 37, 2481.		1