

# Subhash C Sinha

## List of Publications by Citations

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34  
papers

1,038  
citations

15  
h-index

32  
g-index

51  
ext. papers

1,165  
ext. citations

7  
avg. IF

3.5  
L-index

#	Paper	IF	Citations
34	Synthesis of site-specific antibody-drug conjugates using unnatural amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 16101-6	11.5	433
33	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution of $\beta$ -Hydroxyketones with Aldolase Antibodies. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 2481-2484	16.4	82
32	Targeting cell surface alpha(v)beta(3) integrin increases therapeutic efficacies of a legumain protease-activated auristatin prodrug. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 168-75	5.6	56
31	Toward Chemical Libraries of Annonaceous Acetogenins. Total Synthesis of Trilobacin. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 7640-7641	4.2	54
30	Total Synthesis of (+)-Aspicilin. The Naked Carbon Skeleton Strategy vs the Bioorganic Approach. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 377-386	4.2	42
29	Oxidative polycyclizations with rhenium(VII) oxides. <i>Pure and Applied Chemistry</i> , <b>2002</b> , 74, 93-105	2.1	38
28	Sets of aldolase antibodies with antipodal reactivities. Formal synthesis of epothilone E by large-scale antibody-catalyzed resolution of thiazole aldol. <i>Organic Letters</i> , <b>1999</b> , 1, 1623-6	6.2	34
27	Bidirectional regulation of A $\beta$ levels by Presenilin 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7142-7147	11.5	32
26	Total Synthesis of Trilobin. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 2381-2386	4.2	29
25	Prodrugs of dynemicin analogs for selective chemotherapy mediated by an aldolase catalytic Ab. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 3095-9	11.5	27
24	Chemically Programmed Bispecific Antibodies in Diabody Format. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 19661-73	5.4	26
23	Katalytische enantioselektive Retro-Aldolreaktion: kinetische Racematspaltung von $\beta$ -Hydroxyketonen durch Aldolase-Antikörper. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 2609-2612	3.6	23
22	Preparation of integrin alpha(v)beta3-targeting Ab 38C2 constructs. <i>Nature Protocols</i> , <b>2007</b> , 2, 449-56	18.8	23
21	Gleevec shifts APP processing from a $\beta$ cleavage to a nonamyloidogenic cleavage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 1389-1394	11.5	19
20	Alteration of the bis-tetrahydrofuran core stereochemistries in asimicin can affect the cytotoxicity. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 7045-8	8.3	19
19	Chemically Programmed Bispecific Antibody Targeting Legumain Protease and $\alpha_5\beta_1$ Integrin Mediates Strong Antitumor Effects. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 2544-50	5.6	13
18	Reduced Kv3.1 Activity in Dentate Gyrus Parvalbumin Cells Induces Vulnerability to Depression. <i>Biological Psychiatry</i> , <b>2020</b> , 88, 405-414	7.9	12

17	Catalytic Antibodies as Probes of Evolution: Modeling of a Primordial Glycosidase. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 2628-2630		12
16	Semiquinone and cluster N6 signals in His-tagged proton-translocating NADH:ubiquinone oxidoreductase (complex I) from <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 14310-14319	5.4	8
15	Aldolase antibody activation of prodrugs of potent aldehyde-containing cytotoxics for selective chemotherapy. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 5467-72	4.8	8
14	SMI-Ribosome inactivating protein conjugates selectively inhibit tumor cell growth. <i>Chemical Communications</i> , <b>2017</b> , 53, 4234-4237	5.8	7
13	AD-linked R47H- mutation induces disease-enhancing microglial states via AKT hyperactivation. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabe3947	17.5	7
12	Activation of respiratory Complex I from studied by fluorescent probes. <i>Heliyon</i> , <b>2017</b> , 3, e00224	3.6	6
11	Mixed lineage kinase 3 inhibition induces T cell activation and cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 7961-7970	11.5	6
10	Transcriptional regulation of mixed lineage kinase 3 by estrogen and its implication in ER-positive breast cancer pathogenesis. <i>Oncotarget</i> , <b>2017</b> , 8, 33172-33184	3.3	5
9	MAP4K4 promotes pancreatic tumorigenesis via phosphorylation and activation of mixed lineage kinase 3. <i>Oncogene</i> , <b>2021</b> , 40, 6153-6165	9.2	4
8	Development of Gleevec Analogues for Reducing Production of $\beta$ Amyloid Peptides through Shifting $\beta$ Cleavage of Amyloid Precursor Proteins. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 3122-3134	8.3	3
7	Brain Permeable Tafamidis Amide Analogs for Stabilizing TTR and Reducing APP Cleavage. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 1973-1979	4.3	3
6	$\beta$ Multistriatin: The First Total Synthesis of a Natural Product via Antibody Catalysis. <i>Israel Journal of Chemistry</i> , <b>1996</b> , 36, 185-193	3.4	2
5	A Pentacyclic Triterpene from Targets $\beta$ Secretase. <i>ACS Chemical Neuroscience</i> , <b>2020</b> , 11, 2827-2835	5.7	2
4	Development of Kinase Inactive PD173955 Analogues for Reducing Production of A $\beta$ Peptides. <i>ACS Medicinal Chemistry Letters</i> , <b>2019</b> , 10, 1430-1435	4.3	1
3	Mixed Lineage Kinase 3 phosphorylates prolyl-isomerase PIN1 and potentiates G $\beta$ 11 signaling in pancreatic cancer development. <i>Cancer Letters</i> , <b>2021</b> , 515, 1-13	9.9	1
2	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution of $\beta$ Hydroxyketones with Aldolase Antibodies <b>1998</b> , 37, 2481		1
1	Undesired versus designed enzymatic cleavage of linkers for liver targeting. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 1144-7	2.9	