Sudhir Sinha

List of Publications by Year in Descending Order

98 papers	2,827 citations	31 h-index	49 g-index
108 ext. papers	3,034 ext. citations	3.7 avg, IF	4.52 L-index

#	Paper	IF	Citations
98	Patterns of T and B cell responses to Mycobacterium tuberculosis membrane-associated antigens and their relationship with disease activity in rheumatoid arthritis patients with latent tuberculosis infection. *PLoS ONE*, **2021**, 16, e0255639	3.7	0
97	Immune responses to Mycobacterium tuberculosis membrane-associated antigens including alpha crystallin can potentially discriminate between latent infection and active tuberculosis disease. *PLoS ONE*, **2020**, 15, e0228359	3.7	4
96	Immune responses to Mycobacterium tuberculosis membrane-associated antigens including alpha crystallin can potentially discriminate between latent infection and active tuberculosis disease **2020**, 15, e0228359		
95	Immune responses to Mycobacterium tuberculosis membrane-associated antigens including alpha crystallin can potentially discriminate between latent infection and active tuberculosis disease **2020**, 15, e0228359		
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91	Immune responses to Mycobacterium tuberculosis membrane-associated antigens including alpha crystallin can potentially discriminate between latent infection and active tuberculosis disease **2020**, 15, e0228359		
90	Synergy between tuberculin skin test and proliferative T cell responses to PPD or cell-membrane antigens of Mycobacterium tuberculosis for detection of latent TB infection in a high disease-burden setting. *PLoS ONE*, **2018**, 13, e0204429	3.7	3
89	Urinary haptoglobin, alpha-1 anti-chymotrypsin and retinol binding protein identified by proteomics as potential biomarkers for lupus nephritis. *Clinical and Experimental Immunology*, **2017**, 188, 254-262	6.2	23
88	Synthesis, Conformational Studies and Biological Profiles of Tetrahydrofuran Amino-Acid-Containing Cationic Antitubercular Peptides. *Asian Journal of Organic Chemistry*, **2017**, 6, 1240-1249	3	3
87	S-Enantiomer of the Antitubercular Compound S006-830 Complements Activity of Frontline TB Drugs and Targets Biogenesis of Cell Envelope. *ACS Omega*, **2017**, 2, 8453-8465	3.9	9
86	Additional synthesis on thiophene-containing trisubstituted methanes (TRSMs) as inhibitors of M. tuberculosis and 3D-QSAR studies. *SAR and QSAR in Environmental Research*, **2016**, 27, 911-937	3.5	2
85	Urinary osteoprotegerin: a potential biomarker of lupus nephritis disease activity. *Lupus*, **2016**, 25, 1230-36	2.6	7
84	Synthesis and anti-tubercular activity of conformationally-constrained and bisquinoline analogs of TMC207. *MedChemComm*, **2015**, 6, 1554-1563	5	10
83	Thiophene containing trisubstituted methanes [TRSMs] as identified lead against Mycobacterium tuberculosis. *European Journal of Medicinal Chemistry*, **2015**, 95, 357-68	6.8	19
82	Stable Tricyclic Antitubercular Ozonides Derived from Artemisinin. *Organic Letters*, **2015**, 17, 4948-51	6.2	21

81	Naturally produced opsonizing antibodies restrict the survival of Mycobacterium tuberculosis in human macrophages by augmenting phagosome maturation. *Open Biology*, **2015**, 5, 150171	7	30
80	Tetrahydrofuran amino acid-containing gramicidin S analogues with improved biological profiles. *Organic and Biomolecular Chemistry*, **2015**, 13, 6789-802	3.9	16
79	Novel, potent, orally bioavailable and selective mycobacterial ATP synthase inhibitors that demonstrated activity against both replicating and non-replicating M. tuberculosis. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 742-52	3.4	33
78	Anti-tumour activity of a novel coumarin-chalcone hybrid is mediated through intrinsic apoptotic pathway by inducing PUMA and altering Bax/Bcl-2 ratio. *Apoptosis: an International Journal on Programmed Cell Death*, **2014**, 19, 1017-28	5.4	43
77	Melatonin Reverses Fas, E2F-1 and Endoplasmic Reticulum Stress Mediated Apoptosis and Dysregulation of Autophagy Induced by the Herbicide Atrazine in Murine Splenocytes. *PLoS ONE*, **2014**, 9, e108602	3.7	23
76	Suppression of Eis and expression of Wag31 and GroES in Mycobacterium tuberculosis cytosol under anaerobic culture conditions. *Indian Journal of Experimental Biology*, **2014**, 52, 773-80		4
75	Stereoselective total synthesis of Jaspine B (Pachastrissamine) utilizing iodocyclization and an investigation of its cytotoxic activity. *Tetrahedron: Asymmetry*, **2013**, 24, 903-908		14
74	Regioselective synthesis of densely functionalized, enantiopure, sugar–pyrazole hybrids as potential scaffolds for drug discovery. *RSC Advances*, **2013**, 3, 4526	3.7	8
73	Synthesis and Anti-tubercular Activities of Benzo[4,5]furo[2,3-c] Chromen -6-one Derivatives. *Anti-Infective Agents*, **2012**, 10, 6-14	0.6	2
72	Diastereoselective one-pot Wittig olefination-Michael addition and olefin cross metathesis strategy for total synthesis of cytotoxic natural product (+)-varitriol and its higher analogues. *Organic and Biomolecular Chemistry*, **2011**, 9, 7372-83	3.9	26
71	Novel aryloxy azolyl chalcones with potent activity against Mycobacterium tuberculosis H37Rv. *European Journal of Medicinal Chemistry*, **2011**, 46, 4302-10	6.8	28
70	Natural product inspired diversity oriented synthesis of tetrahydroquinoline scaffolds as antitubercular agent. *ACS Combinatorial Science*, **2011**, 13, 65-71	3.9	85
69	Search of antimycobacterial activities in hybrid molecules with benzopyran skeleton. *Medicinal Chemistry Research*, **2011**, 20, 1515-1522	2.2	8
68	Antiproliferative action of Xylopia aethiopica fruit extract on human cervical cancer cells. *Phytotherapy Research*, **2011**, 25, 1558-63	6.7	47
67	Synthesis, molecular modeling and bio-evaluation of cycloalkyl fused 2-aminopyrimidines as antitubercular and antidiabetic agents. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 4404-8	2.9	27
66	Cytotoxic clerodane diterpenoids from the leaves of Polyalthia longifolia. *Natural Product Research*, **2010**, 24, 1687-94	2.3	33
65	Discovery of new 1,3,5-triazine scaffolds with potent activity against Mycobacterium tuberculosis H37Rv. *European Journal of Medicinal Chemistry*, **2010**, 45, 3335-45	6.8	45
64	Microparticles induce variable levels of activation in macrophages infected with Mycobacterium tuberculosis. *Tuberculosis*, **2010**, 90, 188-96	2.6	25

63	Synthesis and bio-evaluation of alkylaminoaryl phenyl cyclopropyl methanones as antitubercular and antimalarial agents. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 8289-301	3.4	24
62	Substituted hydrazinecarbothioamide as potent antitubercular agents: synthesis and quantitative structure-activity relationship (QSAR). *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 2597-600	2.9	16
61	Synthesis and in vitro evaluation of novel coumarin-chalcone hybrids as potential anticancer agents. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 7205-11	2.9	207
60	Application of Huisgen (3+2) cycloaddition reaction: synthesis of 1-(2,3-dihydrobenzofuran-2-yl-methyl [1,2,3]-triazoles and their antitubercular evaluations. *European Journal of Medicinal Chemistry*, **2010**, 45, 142-8	6.8	101
59	Synthesis and cytotoxicity evaluation of (tetrahydro-beta-carboline)-1,3,5-triazine hybrids as anticancer agents. *European Journal of Medicinal Chemistry*, **2010**, 45, 2265-76	6.8	58
58	Synthesis and optimization of antitubercular activities in a series of 4-(aryloxy)phenyl cyclopropyl methanols. *European Journal of Medicinal Chemistry*, **2010**, 45, 5965-78	6.8	7
57	Staurosporine induces apoptosis in human papillomavirus positive oral cancer cells at G2/M phase by disrupting mitochondrial membrane potential and modulation of cell cytoskeleton. *Oral Oncology*, **2009**, 45, 974-9	4.4	20
56	Cassane diterpenes from Caesalpinia bonduc. *Phytochemistry*, **2009**, 70, 256-61	4	53
55	A facile synthesis of alpha,alphaS(EE)-bis(benzylidene)-cycloalkanones and their antitubercular evaluations. *European Journal of Medicinal Chemistry*, **2009**, 44, 1705-9	6.8	40
54	Synthesis and antitubercular screening of imidazole derivatives. *European Journal of Medicinal Chemistry*, **2009**, 44, 3350-5	6.8	109
53	Knowledge based identification of potent antitubercular compounds using structure based virtual screening and structure interaction fingerprints. *Journal of Chemical Information and Modeling*, **2009**, 49, 35-42	6.1	31
52	Solution-phase synthesis of a library of carbapeptide analogues based on glycosylamino acid scaffolds and their in silico screening and antimicrobial evaluation. *ACS Combinatorial Science*, **2009**, 11, 422-7		18
51	Determinants of natural immunity against tuberculosis in an endemic setting: factors operating at the level of macrophage-Mycobacterium tuberculosis interaction. *Clinical and Experimental Immunology*, **2008**, 151, 414-22	6.2	9
50	Prophylactic efficacy of high-molecular-weight antigenic fractions of a recent clinical isolate of Leishmania donovani against visceral leishmaniasis. *Scandinavian Journal of Immunology*, **2008**, 68, 492-501	3.4	4
49	Induction of Th1-type cellular responses in cured/exposed Leishmania-infected patients and hamsters against polyproteins of soluble Leishmania donovani promastigotes ranging from 89.9 to 97.1 kDa. *Vaccine*, **2008**, 26, 4813-8	4.1	29
48	Selective reactivity of 2-mercaptoethanol with 5beta,6beta-epoxide in steroids from Withania somnifera. *Steroids*, **2008**, 73, 245-51	2.8	39
47	Thiophene containing triarylmethanes as antitubercular agents. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 289-92	2.9	158
46	Preparation and reactions of sugar azides with alkynes: synthesis of sugar triazoles as antitubercular agents. *Carbohydrate Research*, **2008**, 343, 1153-62	2.9	78

45	Synthesis and evaluation of antitubercular activity of glycosyl thio- and sulfonyl acetamide derivatives. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 4002-5	2.9	14
44	Evaluation of Mycobacterium smegmatis as a possible surrogate screen for selecting molecules active against multi-drug resistant Mycobacterium tuberculosis. *Journal of General and Applied Microbiology*, **2007**, 53, 333-7	1.5	79
43	Semi-quantitative detection of Mycobacterium leprae antigens in skin scrapings: suitability as a laboratory aid for field diagnosis of leprosy. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2007**, 101, 699-706	2	1
42	Design, synthesis and antitubercular activity of diarylmethylnaphthol derivatives. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 5586-9	2.9	35
41	Effect of substituents on diarylmethanes for antitubercular activity. *European Journal of Medicinal Chemistry*, **2007**, 42, 410-9	6.8	59
40	Proteomic approach for identification and characterization of novel immunostimulatory proteins from soluble antigens of Leishmania donovani promastigotes. *Proteomics*, **2007**, 7, 816-23	4.8	89
39	Low molecular weight proteins of outer membrane of Salmonella typhimurium are immunogenic in Salmonella induced reactive arthritis revealed by proteomics. *Clinical and Experimental Immunology*, **2007**, 148, 486-93	6.2	31
38	C-3 alkyl/arylalkyl-2,3-dideoxy hex-2-enopyranosides as antitubercular agents: synthesis, biological evaluation, and QSAR study. *Journal of Medicinal Chemistry*, **2007**, 50, 2942-50	8.3	55
37	Search of antitubercular activities in tetrahydroacridines: synthesis and biological evaluation. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 5144-7	2.9	32
36	Synthesis and antitubercular activity of substituted phenylmethyl- and pyridylmethyl amines. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 8186-96	3.4	25
35	Immunogenic membrane-associated proteins of Mycobacterium tuberculosis revealed by proteomics. *Microbiology (United Kingdom)*, **2005**, 151, 2411-2419	2.9	92
34	Synthesis and antitubercular activities of bis-glycosylated diamino alcohols. *Bioorganic and Medicinal Chemistry*, **2005**, 13, 5668-79	3.4	32
33	An efficient synthesis of aryloxyphenyl cyclopropyl methanones: a new class of anti-mycobacterial agents. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 4526-30	2.9	24
32	Solid support synthesis of 6-aryl-2-substituted pyrimidin-4-yl phenols as anti-infective agents. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 4923-6	2.9	15
31	Synthesis and antitubercular activity of 2-hydroxy-aminoalkyl derivatives of diaryloxy methano phenanthrenes. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 5222-5	2.9	24
30	A small library of trisubstituted pyrimidines as antimalarial and antitubercular agents. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 5218-21	2.9	30
29	Synthesis and antimycobacterial activities of glycosylated amino alcohols and amines. *European Journal of Medicinal Chemistry*, **2005**, 40, 351-60	6.8	33
28	4-[10-(Methoxy-benzyl)-anthracen-9-yl]-phenol derivatives as new antitubercular agents. *Arkivoc*, **2005**, 2005, 29-45	0.9	11

27	Synthesis and biological evaluation of 4-thiazolidinone derivatives as potential antimycobacterial agents. *Arkivoc*, **2005**, 2005, 120-130	0.9	44
26	Synthesis of galactopyranosyl amino alcohols as a new class of antitubercular and antifungal agents. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 329-32	2.9	36
25	Utility of serodiagnostic tests for leprosy: a study in an endemic population in South India. *Leprosy Review*, **2004**, 75, 266-273	0.6	14
24	Utility of serodiagnostic tests for leprosy: a study in an endemic population in South India. *Leprosy Review*, **2004**, 75, 266-73	0.6	14
23	Proteome analysis of the plasma membrane of Mycobacterium tuberculosis. *Comparative and Functional Genomics*, **2002**, 3, 470-83		42
22	Syntheses of novel antimycobacterial combinatorial libraries of structurally diverse substituted pyrimidines by three-component solid-phase reactions. *Bioorganic and Medicinal Chemistry Letters*, **2002**, 12, 667-9	2.9	43
21	Higher acyclic nitrogen containing deoxy sugar derivatives: a new lead in the generation of antimycobacterial chemotherapeutics. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 1695-702	3.4	19
20	Baylis-Hillman reaction: convenient ascending syntheses and biological evaluation of acyclic deoxy monosaccharides as potential antimycobacterial agents. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 3187-96	3.4	31
19	Synthesis of glycosylated beta-amino acids as new class of antitubercular agents. *European Journal of Medicinal Chemistry*, **2002**, 37, 773-81	6.8	70
18	Chloropyrimidines as a new class of antimicrobial agents. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 869-74	3.4	72
17	Enhancement of human T cell response to a peptide epitope of 38 kDa antigen of Mycobacterium tuberculosis by liposomes. *Immunopharmacology and Immunotoxicology*, **2002**, 24, 255-63	3.2	2
16	Inhibition of platelet aggregation by rat globin. *Thrombosis Research*, **2002**, 107, 201-7	8.2	3
15	Specificity and function of immunogenic peptides from the 35-kilodalton protein of Mycobacterium leprae. *Infection and Immunity*, **1999**, 67, 1501-4	3.7	7
14	Antigenic definition of plasma membrane proteins of Bacillus Calmette-Guérin: predominant activation of human T cells by low-molecular-mass integral proteins. *Scandinavian Journal of Immunology*, **1999**, 50, 411-9	3.4	14
13	Picroliv, the iridoid glycoside fraction of Picrorhiza kurroa, selectively augments human T cell response to mycobacterial protein antigens. *Immunopharmacology and Immunotoxicology*, **1998**, 20, 579-88	3.2	8
12	Fractionation of mycobacterial integral membrane proteins by continuous elution SDS-PAGE reveals the immunodominance of low molecular weight subunits for human T cells. *Clinical and Experimental Immunology*, **1997**, 109, 446-50	6.2	16
11	A major T-cell-inducing cytosolic 23 kDa protein antigen of the vaccine candidate Mycobacterium habana is superoxide dismutase. *Microbiology (United Kingdom)*, **1996**, 142 (Pt 6), 1375-1383	2.9	11
10	Serological distinction of integral plasma membrane proteins as a class of mycobacterial antigens and their relevance for human T cell activation. *Clinical and Experimental Immunology*, **1995**, 102, 626-34	6.2	10

9	Immunoreactive antigens of a candidate leprosy vaccine: Mycobacterium habana. *Leprosy Review*, **1995**, 66, 31-8	0.6	4
8	Comparative efficacy of biodegradable liposomes and microspheres as carriers for delivery of Vibrio cholerae antigens in the intestine. *Vaccine*, **1994**, 12, 1384-8	4.1	17
7	Association of mycobacterial-specific and Mycobacterium leprae specific antibody levels with clinical activity in tuberculoid leprosy: a comparative study of three serological enzyme-immunoassays. *Leprosy Review*, **1991**, 62, 122-33	0.6	6
6	Coupling of proteins to liposomes and their role in understanding delayed type of hypersensitivity in human and mice. *Journal of Biosciences*, **1990**, 15, 235-238	2.3	1
5	Caution when standardizing serum antibody competition assays. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **1990**, 84, 137-8	2	
4	A comparative evaluation of serological assays for lepromatous leprosy. *Leprosy Review*, **1988**, 59, 195-9	0.6	17
3	Immunohistologic comparison between armadillo-derived leprosin and standard lepromin skin tests in leprosy patients. *International Archives of Allergy and Immunology*, **1987**, 82, 202-7	3.7	1
2	Detection of mycobacterial antigens in leprosy serum immune complex. *Journal of Clinical Microbiology*, **1986**, 24, 169-71	9.7	8
1	A serological test for leprosy based on competitive inhibition of monoclonal antibody binding to the MY2a determinant of Mycobacterium leprae. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **1983**, 77, 869-71	2	34