Abhay R Satoskar

List of Publications by Year
in descending order

101	3,596	186209	149623
papers	citations	28 h-index	56 g-index

133	133	133	5095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeted Disruption of Migration Inhibitory Factor Gene Reveals Its Critical Role in Sepsis. Journal of Experimental Medicine, 1999, 189, 341-346.	4.2	510
2	Development of chronic colitis is dependent on the cytokine MIF. Nature Immunology, 2001, 2, 1061-1066.	7.0	288
3	SAP controls T cell responses to virus and terminal differentiation of TH2 cells. Nature Immunology, 2001, 2, 410-414.	7.0	219
4	A Novel MIF Signaling Pathway Drives the Malignant Character of Pancreatic Cancer by Targeting NR3C2. Cancer Research, 2016, 76, 3838-3850.	0.4	212
5	Modulation of the tumor microenvironment and inhibition of EGF/EGFR pathway: Novel antiâ€tumor mechanisms of Cannabidiol in breast cancer. Molecular Oncology, 2015, 9, 906-919.	2.1	170
6	Migration-Inhibitory Factor Gene-Deficient Mice Are Susceptible to Cutaneous Leishmania major Infection. Infection and Immunity, 2001, 69, 906-911.	1.0	117
7	Fibroblast-derived CXCL12 promotes breast cancer metastasis by facilitating tumor cell intravasation. Oncogene, 2018, 37, 4428-4442.	2.6	95
8	A second generation leishmanization vaccine with a markerless attenuated Leishmania major strain using CRISPR gene editing. Nature Communications, 2020, 11, 3461.	5.8	72
9	Genetic background influences immune responses and disease outcome of cutaneous L. mexicana infection in mice. International Immunology, 2005, 17, 1347-1357.	1.8	68
10	STAT-4 mediated IL-12 signaling pathway is critical for the development of protective immunity in cutaneous leishmaniasis. European Journal of Immunology, 1999, 29, 2524-2529.	1.6	64
11	Ly6Chi inflammatory monocytes promote susceptibility to Leishmania donovani infection. Scientific Reports, 2017, 7, 14693.	1.6	62
12	Immunomodulatory and Antileishmanial Activity of Phenylpropanoid Dimers Isolated from Nectandra leucantha. Journal of Natural Products, 2015, 78, 653-657.	1.5	58
13	ILâ€17A promotes susceptibility during experimental visceral leishmaniasis caused byLeishmania donovani. FASEB Journal, 2016, 30, 1135-1143.	0.2	58
14	Characterization of Cross-Protection by Genetically Modified Live-Attenuated Leishmania donovani Parasites against Leishmania mexicana. Journal of Immunology, 2014, 193, 3513-3527.	0.4	56
15	Cytokines and Their STATs in Cutaneous and Visceral Leishmaniasis. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-6.	3.0	52
16	Ibrutinib treatment inhibits breast cancer progression and metastasis by inducing conversion of myeloid-derived suppressor cells to dendritic cells. British Journal of Cancer, 2020, 122, 1005-1013.	2.9	52
17	Sterols with antileishmanial activity isolated from the roots of Pentalinon andrieuxii. Phytochemistry, 2012, 82, 128-135.	1.4	49
18	Mannosylated thiolated paromomycin-loaded PLGA nanoparticles for the oral therapy of visceral leishmaniasis. Nanomedicine, 2019, 14, 387-406.	1.7	47

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19	The PACAP-type I receptor agonist maxadilan from sand fly saliva protects mice against lethal endotoxemia by a mechanism partially dependent on IL-10. European Journal of Immunology, 1998, 28, 3120-3127.	1.6	45
20	Host-Directed Drug Therapies for Neglected Tropical Diseases Caused by Protozoan Parasites. Frontiers in Microbiology, 2018, 9, 2655.	1.5	45
21	Leishmania inhibits STAT1-mediated IFN-Î³ signaling in macrophages: increased tyrosine phosphorylation of dominant negative STAT1Î² by Leishmania mexicana. International Journal for Parasitology, 2005, 35, 75-82.	1.3	42
22	Daratumumab induces CD38 internalization and impairs myeloma cell adhesion. OncoImmunology, 2018, 7, e1486948.	2.1	41
23	Macrophage migration inhibitory factor inhibition as a novel therapeutic approach against triple-negative breast cancer. Cell Death and Disease, 2020, 11, 774.	2.7	39
24	Bioactive indole alkaloids isolated from Alstonia angustifolia. Phytochemistry Letters, 2014, 10, liv-lix.	0.6	35
25	Development and evaluation of novel miltefosine-polyphenol co-loaded second generation nano-transfersomes for the topical treatment of cutaneous leishmaniasis. Expert Opinion on Drug Delivery, 2020, 17, 97-110.	2.4	34
26	Antileishmanial and Cytotoxic Activity of Some Highly Oxidized Abietane Diterpenoids from the Bald Cypress, Taxodium distichum. Journal of Natural Products, 2016, 79, 598-606.	1.5	33
27	MiR-16 regulates crosstalk in NF-ÎºB tolerogenic inflammatory signaling between myeloma cells and bone marrow macrophages. JCI Insight, 2019, 4, .	2.3	33
28	Deletion of macrophage migration inhibitory factor inhibits murine oral carcinogenesis: Potential role for chronic proâ€inflammatory immune mediators. International Journal of Cancer, 2016, 139, 1379-1390.	2.3	32
29	Ibrutinib enhances IL-17 response by modulating the function of bone marrow derived dendritic cells. OncoImmunology, 2016, 5, e1057385.	2.1	31
30	Extraintestinal Helminth Infection Limits Pathology and Proinflammatory Cytokine Expression during DSS-Induced Ulcerative Colitis: A Role for Alternatively Activated Macrophages and Prostaglandins. BioMed Research International, 2015, 2015, 1-17.	0.9	30
31	STAT1 gene deficient mice develop accelerated breast cancer growth and metastasis which is reduced by IL-17 blockade. OncoImmunology, 2017, 6, e1361088.	2.1	30
32	CXCR3 expression defines a novel subset of innate CD8 + T cells that enhance immunity against bacterial infection and cancer upon stimulation with ILâ€15. FASEB Journal, 2015, 29, 1019-1028.	0.2	29
33	Helminth-induced Ly6Chi monocyte-derived alternatively activated macrophages suppress experimental autoimmune encephalomyelitis. Scientific Reports, 2017, 7, 40814.	1.6	28
34	Design of mannosylated oral amphotericin B nanoformulation: efficacy and safety in visceral leishmaniasis. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 521-531.	1.9	28
35	Susceptibility toLeishmania mexicanainfection is due to the inability to produce ILâ€12 rather than lack of ILâ€12 responsiveness. Immunology and Cell Biology, 2001, 79, 320-322.	1.0	27
36	Pediatric Cutaneous Leishmaniasis in an Endemic Region in India. American Journal of Tropical Medicine and Hygiene, 2014, 91, 901-904.	0.6	27

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37	Uncovering Leishmaniaâ€“macrophage interplay using imaging flow cytometry. Journal of Immunological Methods, 2015, 423, 93-98.	0.6	27
38	From infection to vaccination: reviewing the global burden, history of vaccine development, and recurring challenges in global leishmaniasis protection. Expert Review of Vaccines, 2021, 20, 1431-1446.	2.0	27
39	Topical treatment of cutaneous leishmaniasis with novel amphotericin B-miltefosine co-incorporated second generation ultra-deformable liposomes. International Journal of Pharmaceutics, 2020, 573, 118900.	2.6	25
40	Nano-elastic liposomes as multidrug carrier of sodium stibogluconate and ketoconazole: A potential new approach for the topical treatment of cutaneous Leishmaniasis. European Journal of Pharmaceutical Sciences, 2020, 145, 105256.	1.9	25
41	Pentalinon andrieuxii Root Extract is Effective in the Topical Treatment of Cutaneous Leishmaniasis Caused by Leishmania mexicana. Phytotherapy Research, 2014, 28, 909-916.	2.8	24
42	Immune response to infection by Leishmania: A mathematical model. Mathematical Biosciences, 2016, 276, 28-43.	0.9	24
43	The Potent ITK/BTK Inhibitor Ibrutinib Is Effective for the Treatment of Experimental Visceral Leishmaniasis Caused by Leishmania donovani. Journal of Infectious Diseases, 2019, 219, 599-608.	1.9	24
44	Determinants of Innate Immunity in Visceral Leishmaniasis and Their Implication in Vaccine Development. Frontiers in Immunology, 2021, 12, 748325.	2.2	24
45	Efficacy, Safety and Cost-Effectiveness of Thermotherapy in the Treatment of Leishmania donovaniâ€“Induced Cutaneous Leishmaniasis: A Randomized Controlled Clinical Trial. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1120-1126.	0.6	22
46	Northalrugosidine Is a Bisbenzyltetrahydroisoquinoline Alkaloid from Thalictrum alpinum with in Vivo Antileishmanial Activity. Journal of Natural Products, 2015, 78, 552-556.	1.5	21
47	Deficiency in STAT1 Signaling Predisposes Gut Inflammation and Prompts Colorectal Cancer Development. Cancers, 2018, 10, 341.	1.7	21
48	Pediatric Cutaneous Leishmaniasis in an Endemic Region in Turkey: A Retrospective Analysis of 8786 Cases during 1998-2014. PLoS Neglected Tropical Diseases, 2016, 10, e0004835.	1.3	20
49	Meglumine antimoniate is more effective than sodium stibogluconate in the treatment of cutaneous leishmaniasis. Journal of Dermatological Treatment, 2016, 27, 83-87.	1.1	20
50	Topical treatment with nanoliposomal Amphotericin B reduces early lesion growth but fails to induce cure in an experimental model of cutaneous leishmaniasis caused by Leishmania mexicana. Acta Tropica, 2017, 173, 102-108.	0.9	20
51	MIF Promotes Classical Activation and Conversion of Inflammatory Ly6ChighMonocytes into TipDCs during Murine Toxoplasmosis. Mediators of Inflammation, 2016, 2016, 1-18.	1.4	19
52	Elevated Expression of Macrophage Migration Inhibitory Factor Promotes Inflammatory Bone Resorption Induced in a Mouse Model of Periradicular Periodontitis. Journal of Immunology, 2019, 202, 2035-2043.	0.4	19
53	Centrin-deficient Leishmania mexicana confers protection against New World cutaneous leishmaniasis. Npj Vaccines, 2022, 7, 32.	2.9	19
54	A Novel Sterol Isolated from a Plant Used by Mayan Traditional Healers Is Effective in Treatment of Visceral Leishmaniasis Caused by Leishmania donovani. ACS Infectious Diseases, 2015, 1, 497-506.	1.8	18

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55	A Tec kinase BTK inhibitor ibrutinib promotes maturation and activation of dendritic cells. OncoImmunology, 2016, 5, e1151592.	2.1	17
56	MicroRNA-21 Deficiency Promotes the Early Th1 Immune Response and Resistance toward Visceral Leishmaniasis. Journal of Immunology, 2021, 207, 1322-1332.	0.4	17
57	MIF Antagonist (CPSI-1306) Protects against UVB-Induced Squamous Cell Carcinoma. Molecular Cancer Research, 2014, 12, 1292-1302.	1.5	16
58	Intestinal Epithelial Cells Regulate Gut Eotaxin Responses and Severity of Allergy. Frontiers in Immunology, 2018, 9, 1692.	2.2	14
59	MicroRNA 155 Contributes to Host Immunity against Leishmania donovani but Is Not Essential for Resolution of Infection. Infection and Immunity, 2019, 87, .	1.0	14
60	Interleukin-4-deficient BALB/c mice develop an enhanced Th1-like response but control cardiac inflammation followingBorrelia burgdorferiinfection. FEMS Microbiology Letters, 2000, 183, 319-325.	0.7	13
61	Host-directed therapies for parasitic diseases. Future Medicinal Chemistry, 2019, 11, 1999-2018.	1.1	13
62	Understanding the immune responses involved in mediating protection or immunopathology during leishmaniasis. Biochemical Society Transactions, 2021, 49, 297-311.	1.6	13
63	The History of Live Attenuated Centrin Gene-Deleted Leishmania Vaccine Candidates. Pathogens, 2022, 11, 431.	1.2	13
64	Evaluation of synergy between host and pathogen-directed therapies against intracellular Leishmania donovani. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 10, 125-132.	1.4	12
65	Differential gene expression pattern in biopsies with renal allograft pyelonephritis and allograft rejection. Clinical Transplantation, 2016, 30, 1115-1133.	0.8	11
66	A listeriolysin O subunit vaccine is protective against Listeria monocytogenes. Vaccine, 2020, 38, 5803-5813.	1.7	11
67	Signals through CD40 Play a Critical Role in the Pathophysiology of Schistosoma Mansoni Egg Antigenâ€“Induced Allergic Rhinitis in Mice. American Journal of Rhinology & Allergy, 2006, 20, 165-169.	2.3	10
68	Lymphocytes influence Leishmania major pathogenesis in a strain-dependent manner. PLoS Neglected Tropical Diseases, 2019, 13, e0007865.	1.3	10
69	Integrative genomic, proteomic and phenotypic studies of Leishmania donovani strains revealed genetic features associated with virulence and antimony-resistance. Parasites and Vectors, 2020, 13, 510.	1.0	10
70	Pentalinonsterol, a Constituent of Pentalinon andrieuxii, Possesses Potent Immunomodulatory Activity and Primes T Cell Immune Responses. Journal of Natural Products, 2017, 80, 2515-2523.	1.5	10
71	Transgenic Expression of CXCR3 on T Cells Enhances Susceptibility to Cutaneous Leishmania major Infection by Inhibiting Monocyte Maturation and Promoting a Th2 Response. Infection and Immunity, 2015, 83, 67-76.	1.0	9
72	A Comparison of Demographic and Clinical Characteristics of Syrian and Turkish Patients with Cutaneous Leishmaniasis. American Journal of Tropical Medicine and Hygiene, 2015, 93, 559-563.	0.6	9

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73	Taenia crassiceps-Excreted/Secreted Products Induce a Defined MicroRNA Profile that Modulates Inflammatory Properties of Macrophages. Journal of Immunology Research, 2019, 2019, 1-24.	0.9	9
74	Oral delivery and enhanced efficacy of antimonal drug through macrophage-guided multifunctional nanocargoes against visceral Leishmaniasis. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 152, 307-317.	2.0	9
75	Effect of Short-Term Tacrolimus Exposure on Rat Liver: An Insight into Serum Antioxidant Status, Liver Lipid Peroxidation, and Inflammation. Mediators of Inflammation, 2021, 2021, 1-12.	1.4	9
76	Surfactant free synthesis of cationic nano-vesicles: A safe triple drug loaded vehicle for the topical treatment of cutaneous leishmaniasis. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 40, 102490.	1.7	9
77	STAT4 is required for the generation of Th1 and Th2, but not Th17 immune responses during monophosphoryl lipid A adjuvant activity. International Immunology, 2016, 28, 565-570.	1.8	8
78	Interleukinâ€27 signalling induces stem cell antigenâ€1 expression in T lymphocytes inÂvivo. Immunology, 2017, 152, 638-647.	2.0	8
79	MicroRNA155 Plays a Critical Role in the Pathogenesis of Cutaneous Leishmania major Infection by Promoting a Th2 Response and Attenuating Dendritic Cell Activity. American Journal of Pathology, 2021, 191, 809-816.	1.9	8
80	Ox40Lâ€“Ox40 pathway plays distinct roles in regulating Th2 responses but does not determine outcome of cutaneous leishmaniasis caused by Leishmania mexicana and Leishmania major. Experimental Parasitology, 2015, 148, 49-55.	0.5	7
81	Inhibitors of elastase stimulate murine B lymphocyte differentiation into IgGâ€•and IgAâ€producing cells. European Journal of Immunology, 2018, 48, 1295-1301.	1.6	7
82	Risk of aortic dissection in patients with ascending aorta aneurysm: a new biological, morphological, and biomechanical network behind the aortic diameter. Vessel Plus, 2020, 4, 28.	0.4	7
83	Leishmania Major Centrin Gene-Deleted Parasites Generate Skin Resident Memory T-Cell Immune Response Analogous to Leishmanization. Frontiers in Immunology, 2022, 13, 864031.	2.2	7
84	Challenges for management of post kala-azar dermal leishmaniasis and future directions. Research and Reports in Tropical Medicine, 2014, 5, 105.	2.8	6
85	Leishmanicidal activity of racemic Â± 8-[(4-Amino-1-methylbutyl)amino]-6-methoxy-4-methyl-5-[3,4-dichlorophenoxy]quinoline. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	5
86	Leishmanicidal Activity of Artemisinin, Deoxoartemisinin, Artemether and Arteether. Natural Product Communications, 2007, 2, 1934578X0700200.	0.2	3
87	STAT1-Dependent Recruitment of Ly6ChiCCR2+ Inflammatory Monocytes and M2 Macrophages in a Helminth Infection. Pathogens, 2021, 10, 1287.	1.2	3
88	MIF in Parasitic and Helminthic Infections. , 2007, , 133-151.		2
89	Cutaneous Leishmaniasis due to Three Leishmania Species Among Syrian Refugees in Sanliurfa, Southeastern Turkey. Acta Parasitologica, 2020, 65, 936-948.	0.4	2
90	Pentalinonsterol, a Phytosterol from Pentalinon andrieuxii, is Immunomodulatory through Phospholipase A2 in Macrophages toward its Antileishmanial Action. Cell Biochemistry and Biophysics, 2021, , 1.	0.9	2

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91	Transgenic T cell-specific expression of CXCR3 enhances splenic and hepatic T cell accumulation but does not affect the outcome of visceral leishmaniasis. Cellular Immunology, 2016, 309, 61-68.	1.4	1
92	Role of Macrophage Migration Inhibitory Factor (MIF) in Parasitic Diseases. , 2012, , 215-230.		0
93	Immunology and Cell Biology of Parasitic Diseases 2014. BioMed Research International, 2015, 2015, 1-3.	0.9	0
94	Treatment Options for Leishmaniasis. Current Clinical Microbiology Reports, 2016, 3, 198-203.	1.8	0
95	Molecular characterization and genetic diversity of cutaneous leishmaniasis from North Eastern Pakistan. Acta Tropica, 2021, 221, 105964.	0.9	0
96	Macrophage migration inhibitory factor (MIF):A novel therapeutic target against aggressive breast cancer. FASEB Journal, 2019, 33, 674.3.	0.2	0
97	Lymphocytes influence Leishmania major pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
98	Lymphocytes influence Leishmania major pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
99	Lymphocytes influence Leishmania major pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
100	Lymphocytes influence Leishmania major pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0
101	Lymphocytes influence Leishmania major pathogenesis in a strain-dependent manner. , 2019, 13, e0007865.		0