

Seyed E Hasnain

List of Publications by Year in descending order

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Version: 2024-02-01

220
papers

7,538
citations

66343

42
h-index

91884

69
g-index

228
all docs

228
docs citations

228
times ranked

8243
citing authors

#	ARTICLE	IF	CITATIONS
1	The exploitation of host autophagy and ubiquitin machinery by <i>Mycobacterium tuberculosis</i> in shaping immune responses and host defense during infection. <i>Autophagy</i> , 2023, 19, 3-23.	9.1	31
2	The <i>Mycobacterium tuberculosis</i> PE_PGRS Protein Family Acts as an Immunological Decoy to Subvert Host Immune Response. <i>International Journal of Molecular Sciences</i> , 2022, 23, 525.	4.1	17
3	ArgD of <i>Mycobacterium tuberculosis</i> is a functional N-acetylornithine aminotransferase with moonlighting function as an effective immune modulator. <i>International Journal of Medical Microbiology</i> , 2022, 312, 151544.	3.6	5
4	Nuclear respiratory factor 1 transcriptomic signatures as prognostic indicators of recurring aggressive mesenchymal glioblastoma and resistance to therapy in White American females. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 1641-1682.	2.5	2
5	COVID-19 and tuberculosis: the double whammy of respiratory pathogens. <i>European Respiratory Review</i> , 2022, 31, 210264.	7.1	40
6	Can <i>Mycobacterium tuberculosis</i> infection lead to cancer? Call for a paradigm shift in understanding TB and cancer. <i>International Journal of Medical Microbiology</i> , 2022, 312, 151558.	3.6	10
7	Post translational modifications in tuberculosis: ubiquitination paradox. <i>Autophagy</i> , 2021, 17, 814-817.	9.1	12
8	Computational modeling and bioinformatic analyses of functional mutations in drug target genes in <i>Mycobacterium tuberculosis</i> . <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2423-2446.	4.1	9
9	Structure-Function Analyses of New SARS-CoV-2 Variants B.1.1.7, B.1.351 and B.1.1.28.1: Clinical, Diagnostic, Therapeutic and Public Health Implications. <i>Viruses</i> , 2021, 13, 439.	3.3	107
10	The <i>M. tuberculosis</i> Rv1523 Methyltransferase Promotes Drug Resistance Through Methylation-Mediated Cell Wall Remodeling and Modulates Macrophages Immune Responses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 622487.	3.9	18
11	<i>Mycobacterium tuberculosis</i> RipA Dampens TLR4-Mediated Host Protective Response Using a Multi-Pronged Approach Involving Autophagy, Apoptosis, Metabolic Repurposing, and Immune Modulation. <i>Frontiers in Immunology</i> , 2021, 12, 636644.	4.8	39
12	Teleological cooption of <i>Mycobacterium tuberculosis</i> PE/PPE proteins as porins: Role in molecular immigration and emigration. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151495.	3.6	15
13	SARS-CoV-2 variants of concern are emerging in India. <i>Nature Medicine</i> , 2021, 27, 1131-1133.	30.7	310
14	<i>Mycobacterium tuberculosis</i> Specific Protein Rv1509 Evokes Efficient Innate and Adaptive Immune Response Indicative of Protective Th1 Immune Signature. <i>Frontiers in Immunology</i> , 2021, 12, 706081.	4.8	4
15	<i>Mycobacterium tuberculosis</i> Protein PE6 (Rv0335c), a Novel TLR4 Agonist, Evokes an Inflammatory Response and Modulates the Cell Death Pathways in Macrophages to Enhance Intracellular Survival. <i>Frontiers in Immunology</i> , 2021, 12, 696491.	4.8	40
16	Is <i>Mycobacterium tuberculosis</i> carcinogenic to humans?. <i>FASEB Journal</i> , 2021, 35, e21853.	0.5	3
17	Possible Link between Higher Transmissibility of Alpha, Kappa and Delta Variants of SARS-CoV-2 and Increased Structural Stability of Its Spike Protein and hACE2 Affinity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9131.	4.1	68
18	PGRS Domain of Rv0297 of <i>Mycobacterium tuberculosis</i> Functions in A Calcium Dependent Manner. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9390.	4.1	7

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19	Development and Validation of Signature Sequence-Based PCR for Improved Molecular Diagnosis of Tuberculosis. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1138-1144.	2.8	2
20	Role of multiple factors likely contributing to severity-mortality of COVID-19. <i>Infection, Genetics and Evolution</i> , 2021, 96, 105101.	2.3	7
21	Disorder-to-order transition in PE-PPE proteins of <i>Mycobacterium tuberculosis</i> augments the pro-pathogen immune response. <i>FEBS Open Bio</i> , 2020, 10, 70-85.	2.3	33
22	Immunodominant <i>Mycobacterium tuberculosis</i> Protein Rv1507A Elicits Th1 Response and Modulates Host Macrophage Effector Functions. <i>Frontiers in Immunology</i> , 2020, 11, 1199.	4.8	12
23	Sensitivity to differential NRF1 gene signatures contributes to breast cancer disparities. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 2777-2815.	2.5	11
24	<i>Mycobacterium smegmatis</i> Bacteria Expressing <i>Mycobacterium tuberculosis</i> -Specific Rv1954A Induce Macrophage Activation and Modulate the Immune Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 564565.	3.9	8
25	PGRS Domain of Rv0297 of <i>Mycobacterium tuberculosis</i> Is Involved in Modulation of Macrophage Functions to Favor Bacterial Persistence. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 451.	3.9	16
26	SARS-CoV-2 and COVID-19: A genetic, epidemiological, and evolutionary perspective. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104384.	2.3	115
27	Protein promiscuity in drug discovery, drug-repurposing and antibiotic resistance. <i>Biochimie</i> , 2020, 175, 50-57.	2.6	34
28	Nuclear Respiratory Factor 1 (NRF1) Transcriptional Activity-Driven Gene Signature Association with Severity of Astrocytoma and Poor Prognosis of Glioblastoma. <i>Molecular Neurobiology</i> , 2020, 57, 3827-3845.	4.0	18
29	Intrinsic disorder in proteins: Relevance to protein assemblies, drug design and host-pathogen interactions. <i>Progress in Biophysics and Molecular Biology</i> , 2020, 156, 34-42.	2.9	28
30	Revisiting BCG to control tuberculosis: mucosal delivery and delipidation?. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 272-273.	9.1	29
31	Artificial Intelligence and Machine learning based prediction of resistant and susceptible mutations in <i>Mycobacterium tuberculosis</i> . <i>Scientific Reports</i> , 2020, 10, 5487.	3.3	38
32	Emerging genetic diversity among clinical isolates of SARS-CoV-2: Lessons for today. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104330.	2.3	54
33	Mapping the genomic landscape & diversity of COVID-19 based on >3950 clinical isolates of SARS-CoV-2: Likely origin & transmission dynamics of isolates sequenced in India. <i>Indian Journal of Medical Research</i> , 2020, 151, 474.	1.0	17
34	SeeTB: A novel alternative to sputum smear microscopy to diagnose tuberculosis in high burden countries. <i>Scientific Reports</i> , 2019, 9, 16371.	3.3	12
35	Forensic Epigenetic Analysis: The Path Ahead. <i>Medical Principles and Practice</i> , 2019, 28, 301-308.	2.4	15
36	Peptidyl-prolyl isomerase-B is involved in <i>Mycobacterium tuberculosis</i> biofilm formation and a generic target for drug repurposing-based intervention. <i>Npj Biofilms and Microbiomes</i> , 2019, 5, 3.	6.4	51

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37	Toxin-Antitoxin (TA) Systems in Stress Survival and Pathogenesis. , 2019, , 257-274.		3
38	Biofilms: A Phenotypic Mechanism of Bacteria Conferring Tolerance Against Stress and Antibiotics. , 2019, , 315-333.		2
39	Breaking the Transmission of TB: A Roadmap to Bridge the Gaps in Controlling TB in Endemic Settings. , 2019, , 451-461.		1
40	Medical implications of protein moonlighting. Indian Journal of Medical Research, 2019, 149, 322.	1.0	28
41	Intrinsically Disordered Regions in PE/PPE Protein Family of Mycobacterium tuberculosis: Moonlighting Function. , 2019, , 151-170.		1
42	Endoplasmic Reticulum Stress: Importance in Pathogenesis of Mycobacterium tuberculosis. , 2019, , 241-255.		0
43	Protein adaptations in extremophiles: An insight into extremophilic connection of mycobacterial proteome. Seminars in Cell and Developmental Biology, 2018, 84, 147-157.	5.0	25
44	Mycobacterium indicus pranii protein MIP_05962 induces Th1 cell mediated immune response in mice. International Journal of Medical Microbiology, 2018, 308, 1000-1008.	3.6	13
45	Amino acid starvation sensing dampens IL-1 β production by activating riboclustering and autophagy. PLoS Biology, 2018, 16, e2005317.	5.6	33
46	The PGRS Domain of Mycobacterium tuberculosis PE_PGRS Protein Rv0297 Is Involved in Endoplasmic Reticulum Stress-Mediated Apoptosis through Toll-Like Receptor 4. MBio, 2018, 9, .	4.1	67
47	Immunodominant protein <scp>MIP</scp>_05962 from <i>Mycobacterium indicus pranii</i> displays chaperone activity. FEBS Journal, 2017, 284, 1338-1354.	4.7	1
48	Biofilms: Survival and defense strategy for pathogens. International Journal of Medical Microbiology, 2017, 307, 481-489.	3.6	250
49	Mycobacterium tuberculosis Peptidyl-Prolyl Isomerases Are Immunogenic, Alter Cytokine Profile and Aid in Intracellular Survival. Frontiers in Cellular and Infection Microbiology, 2017, 7, 38.	3.9	42
50	Commentary: Modification of Host Responses by Mycobacteria. Frontiers in Immunology, 2017, 8, 466.	4.8	9
51	Aggregation Prevention Assay for Chaperone Activity of Proteins Using Spectroflurometry. Bio-protocol, 2017, 7, e2107.	0.4	4
52	Mycobacterium tuberculosis Co-operonic PE32/PPE65 Proteins Alter Host Immune Responses by Hampering Th1 Response. Frontiers in Microbiology, 2016, 7, 719.	3.5	80
53	Mycobacterium tuberculosis Peptidyl-Prolyl Isomerases Also Exhibit Chaperone like Activity In-Vitro and In-Vivo. PLoS ONE, 2016, 11, e0150288.	2.5	26
54	Interaction of Mycobacterium tuberculosis Virulence Factor RipA with Chaperone MoxR1 Is Required for Transport through the TAT Secretion System. MBio, 2016, 7, e02259.	4.1	25

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55	Analyses of methyltransferases across the pathogenicity spectrum of different mycobacterial species point to an extremophile connection. <i>Molecular BioSystems</i> , 2016, 12, 1615-1625.	2.9	21
56	Comparative genomic analysis of <i>Helicobacter pylori</i> from Malaysia identifies three distinct lineages suggestive of differential evolution. <i>Nucleic Acids Research</i> , 2015, 43, 324-335.	14.5	24
57	Human mesenchymal stem cells: New sojourn of bacterial pathogens. <i>International Journal of Medical Microbiology</i> , 2015, 305, 322-326.	3.6	6
58	Whole genome sequencing: A new paradigm in the surveillance and control of human tuberculosis. <i>Tuberculosis</i> , 2015, 95, 91-94.	1.9	24
59	Orchestration of membrane receptor signaling by membrane lipids. <i>Biochimie</i> , 2015, 113, 111-124.	2.6	24
60	Proteomics of multidrug resistant <i>Mycobacterium tuberculosis</i> clinical isolates: A peep show on mechanism of drug resistance & perhaps more. <i>Indian Journal of Medical Research</i> , 2015, 141, 8.	1.0	7
61	Comparative Analyses of Nonpathogenic, Opportunistic, and Totally Pathogenic Mycobacteria Reveal Genomic and Biochemical Variabilities and Highlight the Survival Attributes of <i>Mycobacterium tuberculosis</i> . <i>MBio</i> , 2014, 5, e02020.	4.1	64
62	<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> is not discerned in diabetes mellitus patients in Hyderabad, India. <i>International Journal of Medical Microbiology</i> , 2014, 304, 620-625.	3.6	8
63	<i>Mycobacterium tuberculosis</i> PE25/PPE41 protein complex induces necrosis in macrophages: Role in virulence and disease reactivation?. <i>FEBS Open Bio</i> , 2014, 4, 822-828.	2.3	63
64	A novel immunomodulatory function of PHLPP1: inhibition of iNOS via attenuation of STAT1 ser727 phosphorylation in mouse macrophages. <i>Journal of Leukocyte Biology</i> , 2014, 95, 775-783.	3.3	17
65	In silico characterization of a putative ORF-MAP1138c of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> (MAP) with its implications in virulence. <i>BMC Genomics</i> , 2014, 15, .	2.8	2
66	Gene cooption in Mycobacteria and search for virulence attributes: Comparative proteomic analyses of <i>Mycobacterium tuberculosis</i> , <i>Mycobacterium indicus pranii</i> and other mycobacteria. <i>International Journal of Medical Microbiology</i> , 2014, 304, 742-748.	3.6	51
67	Holobionts: emerging strategy for interventions against infectious diseases, metabolic disorders & cancer. <i>Indian Journal of Medical Research</i> , 2014, 140, 11-4.	1.0	1
68	Emerging importance of holobionts in evolution and in probiotics. <i>Gut Pathogens</i> , 2013, 5, 12.	3.4	41
69	Dormancy Associated Translation Inhibitor (DATIN/Rv0079) of <i>Mycobacterium tuberculosis</i> interacts with TLR2 and induces proinflammatory cytokine expression. <i>Cytokine</i> , 2013, 64, 258-264.	3.2	47
70	<i>Spodoptera frugiperda</i> FKBP46 is a consensus p53 motif binding protein. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 899-907.	2.6	0
71	MicroRNA in carcinogenesis & cancer diagnostics: a new paradigm. <i>Indian Journal of Medical Research</i> , 2013, 137, 680-94.	1.0	18
72	Massive gene acquisitions in <i>Mycobacterium indicus pranii</i> provide a perspective on mycobacterial evolution. <i>Nucleic Acids Research</i> , 2012, 40, 10832-10850.	14.5	36

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73	Comparative genomic and proteomic analyses of PE/PPE multigene family of <i>Mycobacterium tuberculosis</i> H37Rv and H37Ra reveal novel and interesting differences with implications in virulence. <i>Nucleic Acids Research</i> , 2012, 40, 7113-7122.	14.5	59
74	The PE/PPE multigene family codes for virulence factors and is a possible source of mycobacterial antigenic variation: Perhaps more?. <i>Biochimie</i> , 2012, 94, 110-116.	2.6	149
75	<i>Mycobacterium tuberculosis</i> DosR Regulon Gene Rv0079 Encodes a Putative, σ^D -Dormancy Associated Translation Inhibitor (DATIN) ^{â€™} . <i>PLoS ONE</i> , 2012, 7, e38709.	2.5	37
76	Transcriptional Regulation of <i>Mycobacterium tuberculosis</i> PE/PPE Genes: A Molecular Switch to Virulence. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2011, 21, 97-109.	1.0	26
77	The translation initiation factor, PelF5B, from <i>Pisum sativum</i> displays chaperone activity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 390-396.	2.1	7
78	Baculovirus p35 gene is oppositely regulated by P53 and AP-1 like factors in <i>Spodoptera frugiperda</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 688-693.	2.1	1
79	Concurrent Proinflammatory and Apoptotic Activity of a <i>Helicobacter pylori</i> Protein (HP986) Points to Its Role in Chronic Persistence. <i>PLoS ONE</i> , 2011, 6, e22530.	2.5	35
80	Modern and Ancestral Genotypes of <i>Mycobacterium tuberculosis</i> from Andhra Pradesh, India. <i>PLoS ONE</i> , 2011, 6, e27584.	2.5	39
81	Synergy between the Nâ€™terminal and Câ€™terminal domains of <i>Mycobacterium tuberculosis</i> HupB is essential for highâ€™affinity binding, DNA supercoiling and inhibition of RecAâ€™promoted strand exchange. <i>FEBS Journal</i> , 2011, 278, 3447-3462.	4.7	18
82	Molecular epidemiology of tuberculosis in India: Moving forward with a systems biology approach. <i>Tuberculosis</i> , 2011, 91, 407-413.	1.9	39
83	Treatment end point determinants for pulmonary tuberculosis: Human resistin as a surrogate biomarker. <i>Tuberculosis</i> , 2011, 91, 293-299.	1.9	31
84	Iron acquisition, assimilation and regulation in mycobacteria. <i>Infection, Genetics and Evolution</i> , 2011, 11, 825-838.	2.3	46
85	A Link between Mitochondrial DNA Haplogroup and Ischemia. <i>Medical Principles and Practice</i> , 2011, 20, 201-202.	2.4	1
86	Translating Advances in Genomic Research into Clinical Practice: The Challenges Ahead. <i>Medical Principles and Practice</i> , 2011, 20, 392-394.	2.4	4
87	Baculovirus P35 protein: An overview of its applications across multiple therapeutic and biotechnological arenas. <i>Biotechnology Progress</i> , 2010, 26, 301-312.	2.6	9
88	Characterization of LEF4 ligand binding property and its role as part of baculoviral transcription machinery. <i>Molecular and Cellular Biochemistry</i> , 2010, 333, 83-89.	3.1	0
89	Expression, purification and ligand binding properties of the recombinant translation initiation factor (PelF5B) from <i>Pisum sativum</i> . <i>Molecular and Cellular Biochemistry</i> , 2010, 344, 33-41.	3.1	4
90	<i>Mycobacterium tuberculosis</i> conserved hypothetical protein rRv2626c modulates macrophage effector functions. <i>Immunology</i> , 2010, 130, 34-45.	4.4	37

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91	Mapping Conformational Transitions in Cyclic AMP Receptor Protein: Crystal Structure and Normal-Mode Analysis of Mycobacterium tuberculosis apo-cAMP Receptor Protein. Biophysical Journal, 2010, 98, 305-314.	0.5	27
92	Enhanced T cell responsiveness to Mycobacterium bovis BCG r32-kDa Ag correlates with successful anti-tuberculosis treatment in humans. Cytokine, 2010, 52, 190-193.	3.2	23
93	Transcription of Human Resistin Gene Involves an Interaction of Sp1 with Peroxisome Proliferator-Activating Receptor Gamma (PPAR γ). PLoS ONE, 2010, 5, e9912.	2.5	21
94	DNA Clasp by Mycobacterial HU: The C-Terminal Region of HupB Mediates Increased Specificity of DNA Binding. PLoS ONE, 2010, 5, e12551.	2.5	24
95	The PPE18 of <i>Mycobacterium tuberculosis</i> Interacts with TLR2 and Activates IL-10 Induction in Macrophage. Journal of Immunology, 2009, 183, 6269-6281.	0.8	189
96	In Vitro Levels of Interleukin 10 (IL-10) and IL-12 in Response to a Recombinant 32-Kilodalton Antigen of <i>Mycobacterium bovis</i> BCG after Treatment for Tuberculosis. Vaccine Journal, 2009, 16, 111-115.	3.1	27
97	Biophysical characterization and unfolding of LEF4 factor of RNA polymerase from <i>AcNPV</i> . Biopolymers, 2009, 91, 574-582.	2.4	5
98	Octamer and heat shock elements regulate transcription from the AcMNPV polyhedrin gene promoter. Archives of Virology, 2009, 154, 445-456.	2.1	5
99	Gut Pathogens: enteric health at the interface of changing microbiology. Gut Pathogens, 2009, 1, 1.	3.4	32
100	Ancestral Mycobacterium tuberculosis genotypes in India: Implications for TB control programmes. Infection, Genetics and Evolution, 2009, 9, 142-146.	2.3	27
101	In-Vitro Helix Opening of <i>M. tuberculosis</i> oriC by DnaA Occurs at Precise Location and Is Inhibited by IcaA Like Protein. PLoS ONE, 2009, 4, e4139.	2.5	31
102	Specific Immunoassays Confirm Association of Mycobacterium avium Subsp. paratuberculosis with Type-1 but Not Type-2 Diabetes Mellitus. PLoS ONE, 2009, 4, e4386.	2.5	58
103	Polyphasic Taxonomic Analysis Establishes Mycobacterium indicus pranii as a Distinct Species. PLoS ONE, 2009, 4, e6263.	2.5	78
104	Pathogenomics: An updated European Research Agenda. Infection, Genetics and Evolution, 2008, 8, 386-393.	2.3	8
105	Genomic fluidity and pathogenic bacteria: applications in diagnostics, epidemiology and intervention. Nature Reviews Microbiology, 2008, 6, 387-394.	28.6	171
106	<i>Mycobacterium tuberculosis</i> heat shock protein 60 modulates immune response to PPD by manipulating the surface expression of TLR2 on macrophages. Cellular Microbiology, 2008, 10, 1711-1722.	2.1	28
107	Genome scale portrait of cAMP-receptor protein (CRP) regulons in mycobacteria points to their role in pathogenesis. Gene, 2008, 407, 148-158.	2.2	40
108	Mechanistic Insights into a Novel Exporter-Importer System of Mycobacterium tuberculosis Unravel Its Role in Trafficking of Iron. PLoS ONE, 2008, 3, e2087.	2.5	51

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109	The Co-Operonic PE25/PPE41 Protein Complex of Mycobacterium tuberculosis Elicits Increased Humoral and Cell Mediated Immune Response. PLoS ONE, 2008, 3, e3586.	2.5	79
110	Array-Based Comparative Genomic Hybridization. , 2007, , 107-121.		0
111	Iron-Dependent RNA-Binding Activity of Mycobacterium tuberculosis Aconitase. Journal of Bacteriology, 2007, 189, 4046-4052.	2.2	90
112	Anti-B7-1/B7-2 antibody elicits innate-effector responses in macrophages through NF- κ B-dependent pathway. International Immunology, 2007, 19, 477-486.	4.0	17
113	High-Resolution Genome Profiling Differentiated Staphylococcus epidermidis Isolated from Patients with Ocular Infections and Normal Individuals. , 2007, 48, 3239.		27
114	Pisum sativum contains a factor with strong homology to eIF5B. Gene, 2007, 399, 144-151.	2.2	4
115	Novel biochemical properties of a CRP/FNR family transcription factor from Mycobacterium tuberculosis. International Journal of Medical Microbiology, 2007, 297, 451-457.	3.6	22
116	Molecular Analysis of a Leprosy Immunotherapeutic Bacillus Provides Insights into Mycobacterium Evolution. PLoS ONE, 2007, 2, e968.	2.5	39
117	Nitric oxide inhibits interleukin-12 p40 through p38 MAPK-mediated regulation of calmodulin and c-rel. Free Radical Biology and Medicine, 2007, 42, 686-697.	2.9	9
118	Nitric Oxide: Friendly Rivalry in Tuberculosis. Current Signal Transduction Therapy, 2007, 2, 121-128.	0.5	8
119	The 2.15 Å... Crystal Structure of Mycobacterium tuberculosis Chorismate Mutase Reveals an Unexpected Gene Duplication and Suggests a Role in Host-Pathogen Interactions. Biochemistry, 2006, 45, 6997-7005.	2.5	30
120	Disease-Causing Mutations in Proteins: Structural Analysis of the CYP1b1 Mutations Causing Primary Congenital Glaucoma in Humans. Biophysical Journal, 2006, 91, 4329-4339.	0.5	39
121	Clusters of PE and PPE genes of Mycobacterium tuberculosis are organized in operons: Evidence that PE Rv2431c is co-transcribed with PPE Rv2430c and their gene products interact with each other. FEBS Letters, 2006, 580, 1285-1293.	2.8	75
122	Predominance of Ancestral Lineages of Mycobacterium tuberculosis in India. Emerging Infectious Diseases, 2006, 12, 1367-1374.	4.3	106
123	Hydrogen peroxide inhibits IL-12 p40 induction in macrophages by inhibiting c-rel translocation to the nucleus through activation of calmodulin protein. Blood, 2006, 107, 1513-1520.	1.4	47
124	Rapid Identification of Mycobacterium tuberculosis Beijing Genotypes on the Basis of the Mycobacterial Interspersed Repetitive Unit Locus 26 Signature. Journal of Clinical Microbiology, 2006, 44, 274-277.	3.9	16
125	Crystallization and preliminary X-ray crystallographic studies of Mycobacterium tuberculosis CRP/FNR family transcription regulator. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 873-875.	0.7	8
126	Fluorescent amplified fragment length polymorphism (FAFLP) genotyping demonstrates the role of biofilm-producing methicillin-resistant periocular Staphylococcus epidermidis strains in postoperative endophthalmitis. BMC Ophthalmology, 2006, 6, 1.	1.4	24

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127	Interleukin-10 (IL-10) mediated suppression of IL-12 production in RAW 264.7 cells also involves c-rel transcription factor. <i>Immunology</i> , 2005, 114, 313-321.	4.4	56
128	Transmission of G145R mutant of HBV to an unrelated contact. <i>Journal of Medical Virology</i> , 2005, 76, 40-46.	5.0	41
129	Indian herb "Sanjeevani" (Selaginella bryopteris) can promote growth and protect against heat shock and apoptotic activities of ultra violet and oxidative stress. <i>Journal of Biosciences</i> , 2005, 30, 499-505.	1.1	35
130	Comparison of Mycobacterium tuberculosis isocitrate dehydrogenases (ICD-1 and ICD-2) reveals differences in coenzyme affinity, oligomeric state, pH tolerance and phylogenetic affiliation. <i>BMC Biochemistry</i> , 2005, 6, 20.	4.4	26
131	Computational prediction and experimental verification of novel IdeR binding sites in the upstream sequences of Mycobacterium tuberculosis open reading frames. <i>Bioinformatics</i> , 2005, 21, 2161-2166.	4.1	42
132	Purified Recombinant Hypothetical Protein Coded by Open Reading Frame Rv1885c of Mycobacterium tuberculosis Exhibits a Monofunctional AroQ Class of Periplasmic Chorismate Mutase Activity. <i>Journal of Biological Chemistry</i> , 2005, 280, 19641-19648.	3.4	30
133	Analysis of Genomic Downsizing on the Basis of Region-of-Difference Polymorphism Profiling of Mycobacterium tuberculosis Patient Isolates Reveals Geographic Partitioning. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5978-5982.	3.9	28
134	pheA (Rv3838c) of Mycobacterium tuberculosis Encodes an Allosterically Regulated Monofunctional Prephenate Dehydratase That Requires Both Catalytic and Regulatory Domains for Optimum Activity. <i>Journal of Biological Chemistry</i> , 2005, 280, 20666-20671.	3.4	20
135	Method for enhancing solubility of the expressed recombinant proteins in <i>Escherichia coli</i> . <i>BioTechniques</i> , 2004, 37, 418-423.	1.8	35
136	AmpliBASE MTTM: a Mycobacterium tuberculosis diversity knowledgebase. <i>Bioinformatics</i> , 2004, 20, 989-992.	4.1	18
137	Correlations of Genotype with Phenotype in Indian Patients with Primary Congenital Glaucoma. , 2004, 45, 1149.		86
138	Molecular Genotyping of a Large, Multicentric Collection of Tubercle Bacilli Indicates Geographical Partitioning of Strain Variation and Has Implications for Global Epidemiology of Mycobacterium tuberculosis. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3240-3247.	3.9	30
139	Use of Fluorescent Amplified Fragment Length Polymorphism for Molecular Epidemiology of Leptospirosis in India. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3575-3580.	3.9	35
140	Defining the Mandate of Tuberculosis Research in a Postgenomic Era. <i>Medical Principles and Practice</i> , 2004, 13, 177-184.	2.4	17
141	Mycobacterium tuberculosis (Mtb) isocitrate dehydrogenases show strong B cell response and distinguish vaccinated controls from TB patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12652-12657.	7.1	67
142	Regions of High Antigenicity within the Hypothetical PPE Major Polymorphic Tandem Repeat Open Reading Frame, Rv2608, Show a Differential Humoral Response and a Low T Cell Response in Various Categories of Patients with Tuberculosis. <i>Journal of Infectious Diseases</i> , 2004, 190, 1237-1244.	4.0	85
143	Prediction of DtxR regulon: identification of binding sites and operons controlled by Diphtheria toxin repressor in <i>Corynebacterium diphtheriae</i> . <i>BMC Microbiology</i> , 2004, 4, 38.	3.3	26
144	The extracytoplasmic function sigma factors: role in bacterial pathogenesis. <i>Infection, Genetics and Evolution</i> , 2004, 4, 301-308.	2.3	85

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145	An Additional Copy of the Homologous Region (hr1) Sequence in the Autographa californica Multinucleocapsid Polyhedrosis Virus Genome Promotes Hyperexpression of Foreign Genes. <i>Biochemistry</i> , 2004, 43, 8143-8151.	2.5	20
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