

Paul L A M Corstjens

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

4,472
citations

38
h-index

62
g-index

152
ext. papers

5,195
ext. citations

5.6
avg, IF

5.23
L-index

#	Paper	IF	Citations
144	Characterisation of tetraspanins from <i>Schistosoma haematobium</i> and evaluation of their potential as novel diagnostic markers.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010151	4.8	1
143	Concurrent evaluation of cytokines improves the accuracy of antibodies against <i>Mycobacterium tuberculosis</i> antigens in the diagnosis of active tuberculosis.. <i>Tuberculosis</i> , 2022 , 133, 102169	2.6	0
142	Excretion patterns of antigens CCA and CAA by adult male and female worms, using a mouse model and parasite cultures. <i>Parasitology</i> , 2021 , 1-27	2.7	1
141	A cluster randomized controlled trial for assessing POC-CCA test based praziquantel treatment for schistosomiasis control in pregnant women and their young children: study protocol of the freeBILy clinical trial in Madagascar. <i>Trials</i> , 2021 , 22, 822	2.8	1
140	Minimally invasive sampling to identify leprosy patients with a high bacterial burden in the Union of the Comoros. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009924	4.8	0
139	Rhesus macaques self-curing from a schistosome infection can display complete immunity to challenge. <i>Nature Communications</i> , 2021 , 12, 6181	17.4	2
138	Detection and Monitoring of Infection in Nine Banded Armadillos () Using a Quantitative Rapid Test. <i>Frontiers in Microbiology</i> , 2021 , 12, 763289	5.7	0
137	Cervicovaginal Immune Activation in Zambian Women With Female Genital Schistosomiasis. <i>Frontiers in Immunology</i> , 2021 , 12, 620657	8.4	4
136	Specificity of the Point-of-Care Urine Strip Test for <i>Schistosoma</i> Circulating Cathodic Antigen (POC-CCA) Tested in Non-Endemic Pregnant Women and Young Children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 ,	3.2	3
135	Early diagnosis and follow-up of acute schistosomiasis in a cluster of infected Belgian travellers by detection of antibodies and circulating anodic antigen (CAA): A diagnostic evaluation study. <i>Travel Medicine and Infectious Disease</i> , 2021 , 41, 102053	8.4	2
134	Female Genital Schistosomiasis and HIV-1 Incidence in Zambian Women: A Retrospective Cohort Study. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab349	1	2
133	The burden of HIV, syphilis and schistosome infection and associated factors among adults in the fishing communities in northwestern Tanzania. <i>Tropical Medicine and International Health</i> , 2021 , 26, 2042-2043	2.3	1
132	Cervicovaginal bacterial communities in reproductive-aged Tanzanian women with <i>Schistosoma mansoni</i> , <i>Schistosoma haematobium</i> , or without schistosome infection. <i>ISME Journal</i> , 2021 , 15, 1539-1550	11.9	1
131	Prototype multi-biomarker test for point-of-care leprosy diagnostics. <i>iScience</i> , 2021 , 24, 102006	6.1	5
130	Validation and Optimization of Host Immunological Bio-Signatures for a Point-of-Care Test for TB Disease. <i>Frontiers in Immunology</i> , 2021 , 12, 607827	8.4	10
129	Synthetic Phenolic Glycolipids for Application in Diagnostic Tests for Leprosy. <i>ChemBioChem</i> , 2021 , 22, 1487-1493	3.8	3
128	Potential of antibody test using <i>Schistosoma mansoni</i> recombinant serpin and RP26 to detect light-intensity infections in endemic areas. <i>Parasitology International</i> , 2021 , 83, 102346	2.1	1

127	Association of Female Genital Schistosomiasis With the Cervicovaginal Microbiota and Sexually Transmitted Infections in Zambian Women. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab438	1	2
126	Immunomics-guided discovery of serum and urine antibodies for diagnosing urogenital schistosomiasis: a biomarker identification study.. <i>Lancet Microbe</i> , 2021 , 2, e617-e626	22.2	2
125	Accuracy of Two Circulating Antigen Tests for the Diagnosis and Surveillance of <i>Schistosoma mansoni</i> Infection in Low-Endemicity Settings of Côte d'Ivoire. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 , 105, 677-683	3.2	1
124	Diagnostic accuracy of the Cepheid 3-gene host response fingerstick blood test in a prospective, multi-site study: interim results. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	13
123	CLINICAL PROGRESSION OF LEPROSY IN EURASIAN RED SQUIRRELS (<i>Tamias sibiricus</i>) IN A NATURALLY INFECTED WILD POPULATION.. <i>Journal of Zoo and Wildlife Medicine</i> , 2021 , 52, 1159-1166	0.9	0
122	Quantitative Rapid Test for Detection and Monitoring of Active Pulmonary Tuberculosis in Nonhuman Primates.. <i>Biology</i> , 2021 , 10,	4.9	1
121	Survey and Diagnostic Challenges after Transmission-Stop: Confirming Elimination of <i>Schistosoma mansoni</i> in Morocco. <i>Journal of Parasitology Research</i> , 2020 , 2020, 9705358	1.9	1
120	Efficacy of single versus four repeated doses of praziquantel against <i>Schistosoma mansoni</i> infection in school-aged children from Côte d'Ivoire based on Kato-Katz and POC-CCA: An open-label, randomised controlled trial (RePST). <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008189	4.8	9
119	Genomic Characterization of <i>Schistosoma mansoni</i> to Explore Transmission Patterns Identifies New Subtype in Bangladesh. <i>Frontiers in Microbiology</i> , 2020 , 11, 1220	5.7	13
118	<i>Schistosoma haematobium</i> infection is associated with lower serum cholesterol levels and improved lipid profile in overweight/obese individuals. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008464	4.8	8
117	Associations between schistosomiasis and HIV-1 acquisition risk in four prospective cohorts: a nested case-control analysis. <i>Journal of the International AIDS Society</i> , 2020 , 23, e25534	5.4	4
116	A controlled human <i>Schistosoma mansoni</i> infection model to advance novel drugs, vaccines and diagnostics. <i>Nature Medicine</i> , 2020 , 26, 326-332	50.5	38
115	Nationwide Remapping of Infection in Rwanda Using Circulating Cathodic Antigen Rapid Test: Taking Steps toward Elimination. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 315-324	3.2	5
114	Circulating Anodic Antigen (CAA): A Highly Sensitive Diagnostic Biomarker to Detect Active Infections-Improvement and Use during SCORE. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 50-57	3.2	29
113	Survey of Schistosomiasis in Saint Lucia: Evidence for Interruption of Transmission. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 102, 827-831	3.2	8
112	Plasma Endotoxin Levels Are Not Increased in <i>Schistosoma mansoni</i> -Infected Women without Signs or Symptoms of Hepatosplenic Disease. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 102, 1382-1385	3.2	0
111	Antigen-based diagnosis of <i>Schistosoma</i> infection in travellers: a prospective study. <i>Journal of Travel Medicine</i> , 2020 , 27,	12.9	4
110	Genital self-sampling compared with cervicovaginal lavage for the diagnosis of female genital schistosomiasis in Zambian women: The BILHIV study. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008337	4.8	13

109	Sensitive diagnostic tools and targeted drug administration strategies are needed to eliminate schistosomiasis. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, e165-e172	25.5	8
108	Does Intensive Treatment Select for Praziquantel Resistance in High-Transmission Settings? Parasitological Trends and Treatment Efficacy Within a Cluster-Randomized Trial. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa091	1	0
107	Fast and reliable easy-to-use diagnostics for eliminating bilharzia in young children and mothers: An introduction to the freeBILy project. <i>Acta Tropica</i> , 2020 , 211, 105631	3.2	4
106	Prospective, observational study to assess the performance of CAA measurement as a diagnostic tool for the detection of <i>Schistosoma haematobium</i> infections in pregnant women and their child in Lambaré, Gabon: study protocol of the freeBILy clinical trial in Gabon. <i>BMC Infectious Diseases</i> , 2020 , 20, 718	4	3
105	Household Contacts of Leprosy Patients in Endemic Areas Display a Specific Innate Immunity Profile. <i>Frontiers in Immunology</i> , 2020 , 11, 1811	8.4	11
104	<i>Schistosoma haematobium</i> infection is associated with lower serum cholesterol levels and improved lipid profile in overweight/obese individuals 2020 , 14, e0008464		
103	<i>Schistosoma haematobium</i> infection is associated with lower serum cholesterol levels and improved lipid profile in overweight/obese individuals 2020 , 14, e0008464		
102	<i>Schistosoma haematobium</i> infection is associated with lower serum cholesterol levels and improved lipid profile in overweight/obese individuals 2020 , 14, e0008464		
101	<i>Schistosoma haematobium</i> infection is associated with lower serum cholesterol levels and improved lipid profile in overweight/obese individuals 2020 , 14, e0008464		
100	Schistosomiasis and HIV-1 viral load in HIV-infected outpatients with immunological failure in Tanzania: a case-control study. <i>BMC Infectious Diseases</i> , 2019 , 19, 249	4	2
99	Fingerstick test quantifying humoral and cellular biomarkers indicative for <i>M. leprae</i> infection. <i>Clinical Biochemistry</i> , 2019 , 66, 76-82	3.5	12
98	Detection of humoral immunity to mycobacteria causing leprosy in Eurasian red squirrels (<i>Sciurus vulgaris</i>) using a quantitative rapid test. <i>European Journal of Wildlife Research</i> , 2019 , 65, 1	2	11
97	In-depth proteomic characterization of <i>Schistosoma haematobium</i> : Towards the development of new tools for elimination. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007362	4.8	18
96	HIV-seroconversion among HIV-1 serodiscordant married couples in Tanzania: a cohort study. <i>BMC Infectious Diseases</i> , 2019 , 19, 518	4	3
95	Performance of an Ultra-Sensitive Assay Targeting the Circulating Anodic Antigen (CAA) for Detection of Infection in a Low Endemic Area in Brazil. <i>Frontiers in Immunology</i> , 2019 , 10, 682	8.4	20
94	Application of new host biomarker profiles in quantitative point-of-care tests facilitates leprosy diagnosis in the field. <i>EBioMedicine</i> , 2019 , 47, 301-308	8.8	21
93	How can schistosome circulating antigen assays be best applied for diagnosing male genital schistosomiasis (MGS): an appraisal using exemplar MGS cases from a longitudinal cohort study among fishermen on the south shoreline of Lake Malawi. <i>Parasitology</i> , 2019 , 146, 1785-1795	2.7	9
92	Placental gene expression and antibody levels of mother-neonate pairs reveal an enhanced risk for inflammation in a helminth endemic country. <i>Scientific Reports</i> , 2019 , 9, 15776	4.9	6

91	Schistosomiasis was not associated with higher HIV-1 plasma or genital set point viral loads among HIV seroconverters from four cohort studies. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007886	4.8	2
90	Insufficiency of annual praziquantel treatment to control <i>Schistosoma mansoni</i> infections in adult women: A longitudinal cohort study in rural Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007844	4.8	4
89	Altered Cervical Mucosal Gene Expression and Lower Interleukin 15 Levels in Women With <i>Schistosoma haematobium</i> Infection but Not in Women With <i>Schistosoma mansoni</i> Infection. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1777-1785	7	10
88	Katayama Syndrome Without <i>Schistosoma mansoni</i> Eggs. <i>Annals of Internal Medicine</i> , 2019 , 170, 732-733		12
87	Gene Expression Differences in Host Response to Infection. <i>Infection and Immunity</i> , 2019 , 87,	3.7	5
86	Poly(amidoamine)-coated magnetic particles for enhanced detection of <i>Schistosoma</i> circulating anodic antigen in endemic urine samples. <i>Analyt, The</i> , 2018 , 144, 212-219	5	8
85	Africa-wide evaluation of host biomarkers in QuantiFERON supernatants for the diagnosis of pulmonary tuberculosis. <i>Scientific Reports</i> , 2018 , 8, 2675	4.9	27
84	Latent class analysis to evaluate performance of point-of-care CCA for low-intensity <i>Schistosoma mansoni</i> infections in Burundi. <i>Parasites and Vectors</i> , 2018 , 11, 111	4	31
83	Improved diagnosis of active <i>Schistosoma</i> infection in travellers and migrants using the ultra-sensitive in-house lateral flow test for detection of circulating anodic antigen (CAA) in serum. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018 , 37, 1709-1716	5.3	27
82	Sm-p80-based vaccine trial in baboons: efficacy when mimicking natural conditions of chronic disease, praziquantel therapy, immunization, and <i>Schistosoma mansoni</i> re-encounter. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1425, 19-37	6.5	20
81	Effect of high-intensity versus low-intensity praziquantel treatment on HIV disease progression in HIV and co-infected patients: a randomised controlled trial. <i>Wellcome Open Research</i> , 2018 , 3, 81	4.8	2
80	Decreased Sensitivity of sp. Egg Microscopy in Women and HIV-Infected Individuals. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 1159-1164	3.2	14
79	Effect of high-intensity versus low-intensity praziquantel treatment on HIV disease progression in HIV and <i>Schistosoma mansoni</i> co-infected patients: a randomised controlled trial. <i>Wellcome Open Research</i> , 2018 , 3, 81	4.8	2
78	Evaluation of Immunodiagnostic Tests for Leprosy in Brazil, China and Ethiopia. <i>Scientific Reports</i> , 2018 , 8, 17920	4.9	26
77	Repeated doses of Praziquantel in Schistosomiasis Treatment (RePST) - single versus multiple praziquantel treatments in school-aged children in Côte d'Ivoire: a study protocol for an open-label, randomised controlled trial. <i>BMC Infectious Diseases</i> , 2018 , 18, 662	4	5
76	2160 Does maternal schistosomiasis affect the humoral and cellular vaccine responses of infants?. <i>Journal of Clinical and Translational Science</i> , 2018 , 2, 10-10	0.4	78
75	Refining Diagnosis of Infections: Antigen and Antibody Detection in Urine. <i>Frontiers in Immunology</i> , 2018 , 9, 2635	8.4	22
74	Effect of schistosomiasis on the outcome of patients infected with HIV-1 starting antiretroviral therapy in rural Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006844	4.8	6

73	HIV-1 Viral Loads Are Not Elevated in Individuals Co-infected With spp. After Adjustment for Duration of HIV-1 Infection. <i>Frontiers in Immunology</i> , 2018 , 9, 2005	8.4	6
72	Impact of schistosome infection on long-term HIV/AIDS outcomes. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006613	4.8	14
71	Schistosomiasis and Human Immunodeficiency Virus in Men in Tanzania. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 96, 856-862	3.2	19
70	Longitudinal IP-10 Serum Levels Are Associated with the Course of Disease Activity and Remission in Patients with Rheumatoid Arthritis. <i>Vaccine Journal</i> , 2017 , 24,		11
69	Effects of schistosomiasis on susceptibility to HIV-1 infection and HIV-1 viral load at HIV-1 seroconversion: A nested case-control study. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005968	4.8	49
68	Host immunity, nutrition and coinfection alter longitudinal infection patterns of schistosomes in a free ranging African buffalo population. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006122	4.8	18
67	Comparison of novel and standard diagnostic tools for the detection of <i>Schistosoma mekongi</i> infection in Lao People's Democratic Republic and Cambodia. <i>Infectious Diseases of Poverty</i> , 2017 , 6, 127	10.4	27
66	Utilizing the ultrasensitive <i>Schistosoma</i> up-converting phosphor lateral flow circulating anodic antigen (UCP-LF CAA) assay for sample pooling-strategies. <i>Infectious Diseases of Poverty</i> , 2017 , 6, 155	10.4	25
65	Field-friendly serological tests for determination of <i>M. leprae</i> -specific antibodies. <i>Scientific Reports</i> , 2017 , 7, 8868	4.9	38
64	CRP: tell-tale biomarker or common denominator?. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 1225-1227	25.5	7
63	Selecting accurate post-elimination monitoring tools to prevent reemergence of urogenital schistosomiasis in Morocco: a pilot study. <i>Infectious Diseases of Poverty</i> , 2017 , 6, 75	10.4	18
62	Population Pharmacokinetics and Pharmacodynamics of Praziquantel in Ugandan Children with Intestinal Schistosomiasis: Higher Dosages Are Required for Maximal Efficacy. <i>MBio</i> , 2016 , 7,	7.8	47
61	Field-Friendly Test for Monitoring Multiple Immune Response Markers during Onset and Treatment of Exacerbated Immunity in Leprosy. <i>Vaccine Journal</i> , 2016 , 23, 515-519		18
60	Effect of <i>Schistosoma mansoni</i> Infection on Innate and HIV-1-Specific T-Cell Immune Responses in HIV-1-Infected Ugandan Fisher Folk. <i>AIDS Research and Human Retroviruses</i> , 2016 , 32, 668-75	1.6	11
59	Highly Sensitive Laser Scanning of Photon-Upconverting Nanoparticles on a Macroscopic Scale. <i>Analytical Chemistry</i> , 2016 , 88, 1835-41	7.8	26
58	Use of lateral flow assays to determine IP-10 and CCL4 levels in pleural effusions and whole blood for TB diagnosis. <i>Tuberculosis</i> , 2016 , 96, 31-6	2.6	25
57	Multi-center evaluation of a user-friendly lateral flow assay to determine IP-10 and CCL4 levels in blood of TB and non-TB cases in Africa. <i>Clinical Biochemistry</i> , 2016 , 49, 22-31	3.5	41
56	Evaluation of cytokine responses against novel <i>Mtb</i> antigens as diagnostic markers for TB disease. <i>Journal of Infection</i> , 2016 , 73, 219-30	18.9	21

55	Saliva and viral infections. <i>Periodontology 2000</i> , 2016 , 70, 93-110	12.9	62
54	Diagnostic performance of a seven-marker serum protein biosignature for the diagnosis of active TB disease in African primary healthcare clinic attendees with signs and symptoms suggestive of TB. <i>Thorax</i> , 2016 , 71, 785-94	7.3	89
53	Quantitative lateral flow strip assays as User-Friendly Tools To Detect Biomarker Profiles For Leprosy. <i>Scientific Reports</i> , 2016 , 6, 34260	4.9	35
52	Correlation of serum and dried blood spot results for quantitation of Schistosoma circulating anodic antigen: a proof of principle. <i>Acta Tropica</i> , 2015 , 150, 59-63	3.2	13
51	Sensitivity and Specificity of a Urine Circulating Anodic Antigen Test for the Diagnosis of Schistosoma haematobium in Low Endemic Settings. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003752	4.8	81
50	Improved sensitivity of the urine CAA lateral-flow assay for diagnosing active Schistosoma infections by using larger sample volumes. <i>Parasites and Vectors</i> , 2015 , 8, 241	4	64
49	Schistosoma mansoni and HIV acquisition in fishing communities of Lake Victoria, Uganda: a nested case-control study. <i>Tropical Medicine and International Health</i> , 2015 , 20, 1190-1195	2.3	26
48	Evaluation of banked urine samples for the detection of circulating anodic and cathodic antigens in Schistosoma mekongi and S. japonicum infections: a proof-of-concept study. <i>Acta Tropica</i> , 2015 , 141, 198-203	3.2	39
47	An ultra-sensitive assay targeting the circulating anodic antigen for the diagnosis of Schistosoma japonicum in a low-endemic area, People's Republic of China. <i>Acta Tropica</i> , 2015 , 141, 190-7	3.2	58
46	Tools for diagnosis, monitoring and screening of Schistosoma infections utilizing lateral-flow based assays and upconverting phosphor labels. <i>Parasitology</i> , 2014 , 141, 1841-55	2.7	126
45	Field-evaluation of a new lateral flow assay for detection of cellular and humoral immunity against Mycobacterium leprae. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2845	4.8	46
44	Feasibility of a lateral flow test for neurocysticercosis using novel up-converting nanomaterials and a lightweight strip analyzer. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2944	4.8	32
43	The use of upconverting phosphors in point-of-care (POC) testing 2014 ,		1
42	Human Schistosoma haematobium antifecundity immunity is dependent on transmission intensity and associated with immunoglobulin G1 to worm-derived antigens. <i>Journal of Infectious Diseases</i> , 2014 , 210, 2009-16	7	26
41	A rapid assay for on-site monitoring of infliximab trough levels: a feasibility study. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 7367-75	4.4	30
40	A robust dry reagent lateral flow assay for diagnosis of active schistosomiasis by detection of Schistosoma circulating anodic antigen. <i>Experimental Parasitology</i> , 2013 , 135, 274-82	2.1	89
39	Improved assay to detect Plasmodium falciparum using an uninterrupted, semi-nested PCR and quantitative lateral flow analysis. <i>Malaria Journal</i> , 2013 , 12, 74	3.6	19
38	Development of a generic microfluidic device for simultaneous detection of antibodies and nucleic acids in oral fluids. <i>BioMed Research International</i> , 2013 , 2013, 543294	3	17

37	Detecting viruses by using salivary diagnostics. <i>Journal of the American Dental Association</i> , 2012 , 143, 12S-8S	1.9	37
36	Lateral Flow Sandwich Assay Utilizing Upconverting Phosphor (UCP) Reporters. <i>Methods in Cell Biology</i> , 2012 , 112, 203-234	1.8	10
35	Association of Schistosomiasis and HIV infection in Tanzania. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012 , 87, 868-73	3.2	82
34	Lateral flow assay for simultaneous detection of cellular- and humoral immune responses. <i>Clinical Biochemistry</i> , 2011 , 44, 1241-6	3.5	75
33	An integrated, self-contained microfluidic cassette for isolation, amplification, and detection of nucleic acids. <i>Biomedical Microdevices</i> , 2010 , 12, 705-19	3.7	159
32	Finger-actuated, self-contained immunoassay cassettes. <i>Biomedical Microdevices</i> , 2009 , 11, 1175-86	3.7	76
31	A timer-actuated immunoassay cassette for detecting molecular markers in oral fluids. <i>Lab on A Chip</i> , 2009 , 9, 768-76	7.2	84
30	Rapid prototyping of lateral flow assays. <i>Methods in Molecular Biology</i> , 2009 , 504, 217-35	1.4	6
29	Up-converting phosphor technology-based lateral flow assay for detection of <i>Schistosoma</i> circulating anodic antigen in serum. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 171-6	9.7	160
28	A user-friendly, highly sensitive assay to detect the IFN-gamma secretion by T cells. <i>Clinical Biochemistry</i> , 2008 , 41, 440-4	3.5	59
27	Rapid assay format for multiplex detection of humoral immune responses to infectious disease pathogens (HIV, HCV, and TB). <i>Annals of the New York Academy of Sciences</i> , 2007 , 1098, 437-45	6.5	72
26	Development of a microfluidic device for detection of pathogens in oral samples using upconverting phosphor technology (UPT). <i>Annals of the New York Academy of Sciences</i> , 2007 , 1098, 375-88	6.5	26
25	Evaluation of Uplink-RSV: prototype rapid antigen test for detection of respiratory syncytial virus infection. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1098, 476-85	6.5	45
24	A microfluidic system for saliva-based detection of infectious diseases. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1098, 429-36	6.5	65
23	A disposable microfluidic cassette for DNA amplification and detection. <i>Lab on A Chip</i> , 2006 , 6, 46-53	7.2	99
22	Oral-based techniques for the diagnosis of infectious diseases. <i>Journal of the California Dental Association</i> , 2006 , 34, 297-301	4.3	4
21	Infrared up-converting phosphors for bioassays. <i>IET Nanobiotechnology</i> , 2005 , 152, 64-72		106
20	Point detection of pathogens in oral samples. <i>Advances in Dental Research</i> , 2005 , 18, 12-6	2.3	37

19	Field distribution on metallic and dielectric nanoparticles observed with a fluorescent near-field optical probe. <i>Journal of Applied Physics</i> , 2005 , 97, 104322	2.5	6
18	EFFECTS OF NITROGEN AND PHOSPHORUS AVAILABILITY ON THE EXPRESSION OF THE COCCOLITH-VESICLE V-ATPASE (SUBUNIT C) OF PLEUROCHRYSIS (HAPTOPHYTA)1. <i>Journal of Phycology</i> , 2004 , 40, 82-87	3	12
17	Lateral-flow and up-converting phosphor reporters to detect single-stranded nucleic acids in a sandwich-hybridization assay. <i>Analytical Biochemistry</i> , 2003 , 312, 191-200	3.1	145
16	An amplification-free hybridization-based DNA assay to detect <i>Streptococcus pneumoniae</i> utilizing the up-converting phosphor technology. <i>Clinical Biochemistry</i> , 2003 , 36, 401-3	3.5	86
15	MOLECULAR CLONING AND EXPRESSION OF THE PROLIFERATING CELL NUCLEAR ANTIGEN GENE FROM THE COCCOLITHOPHORID PLEUROCHRYSIS CARTERAE (HAPTOPHYCEAE)1. <i>Journal of Phycology</i> , 2002 , 38, 164-173	3	19
14	A COCCOLITHOPHORID CALCIFYING VESICLE WITH A VACUOLAR-TYPE ATPASE PROTON PUMP: CLONING AND IMMUNOLocalIZATION OF THE V0 SUBUNIT c. <i>Journal of Phycology</i> , 2001 , 37, 71-78	3	35
13	Use of Up-Converting Phosphor Reporters in Lateral-Flow Assays to Detect Specific Nucleic Acid Sequences: A Rapid, Sensitive DNA Test to Identify Human Papillomavirus Type 16 Infection. <i>Clinical Chemistry</i> , 2001 , 47, 1885-1893	5.5	208
12	Stimulation of Mn ²⁺ Oxidation in <i>Leptothrix discophora</i> SS-1 by Cu ²⁺ and Sequence Analysis of the Region Flanking the Gene Encoding Putative Multicopper Oxidase MofA. <i>Geomicrobiology Journal</i> , 2000 , 17, 25-33	2.5	46
11	Mucins and molluscan calcification. Molecular characterization of mucoperlin, a novel mucin-like protein from the nacreous shell layer of the fan mussel <i>Pinna nobilis</i> (Bivalvia, pteriomorphia). <i>Journal of Biological Chemistry</i> , 2000 , 275, 20667-75	5.4	138
10	Bacterial Mn ²⁺ Oxidizing Systems and Multicopper Oxidases: An Overview of Mechanisms and Functions. <i>Geomicrobiology Journal</i> , 2000 , 17, 1-24	2.5	118
9	cumA, a gene encoding a multicopper oxidase, is involved in Mn ²⁺ oxidation in <i>Pseudomonas putida</i> GB-1. <i>Applied and Environmental Microbiology</i> , 1999 , 65, 1762-8	4.8	130
8	GPA, A CALCIUM-BINDING PROTEIN IN THE COCCOLITHOPHORID EMILIANIA HUXLEYI (PRYMNESIOPHYCEAE). <i>Journal of Phycology</i> , 1998 , 34, 622-630	3	55
7	The cytochrome c maturation operon is involved in manganese oxidation in <i>Pseudomonas putida</i> GB-1. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 3556-62	4.8	43
6	Identification and molecular analysis of the <i>Leptothrix discophora</i> SS-1 mofA gene, a gene putatively encoding a manganese-oxidizing protein with copper domains. <i>Geomicrobiology Journal</i> , 1997 , 14, 91-108	2.5	113
5	Partial purification and characterization of manganese-oxidizing factors of <i>Pseudomonas fluorescens</i> GB-1. <i>Applied and Environmental Microbiology</i> , 1997 , 63, 4793-9	4.8	93
4	Phylogenetic Analysis of the Metal-Oxidizing Bacteria <i>Leptothrix discophora</i> and <i>Sphaerotilus natans</i> Using 16S rDNA Sequencing Data. <i>Systematic and Applied Microbiology</i> , 1993 , 16, 219-223	4.2	23
3	Enzymatic iron oxidation by <i>Leptothrix discophora</i> : identification of an iron-oxidizing protein. <i>Applied and Environmental Microbiology</i> , 1992 , 58, 450-4	4.8	71
2	Oxidation of Manganese and Iron by <i>Leptothrix discophora</i> : Use of N,N,N,N-Tetramethyl-p-Phenylenediamine as an Indicator of Metal Oxidation. <i>Applied and Environmental Microbiology</i> , 1990 , 56, 3458-62	4.8	32

- 1 Detection of new *Mycobacterium leprae* subtype in Bangladesh by genomic characterization to explore transmission patterns

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