

# Rukman Hamat

## List of Publications by Year in descending order

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89  
papers

1,568  
citations

331259

21  
h-index

360668

35  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge, attitude and practices regarding food hygiene and sanitation of food handlers in Kuala Pilah, Malaysia. <i>Food Control</i> , 2012, 27, 289-293.	2.8	143
2	Predominance and Emergence of Clones of Hospital-Acquired Methicillin-Resistant <i>Staphylococcus aureus</i> in Malaysia. <i>Journal of Clinical Microbiology</i> , 2010, 48, 867-872.	1.8	117
3	Quantitative PCR analysis of genes expressed during biofilm development of methicillin resistant <i>Staphylococcus aureus</i> (MRSA). <i>Infection, Genetics and Evolution</i> , 2013, 18, 106-112.	1.0	94
4	Prevalence of Adhesion and Regulation of Biofilm-Related Genes in Different Clones of <i>Staphylococcus aureus</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-10.	3.0	85
5	Assessing the Knowledge Level, Attitudes, Risky Behaviors and Preventive Practices on Sexually Transmitted Diseases among University Students as Future Healthcare Providers in the Central Zone of Malaysia: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 159.	1.2	59
6	Efficiency of newly formulated camptothecin with $\beta$ -cyclodextrin-EDTA-Fe <sub>3</sub> O <sub>4</sub> nanoparticle-conjugated nanocarriers as an anti-colon cancer (HT29) drug. <i>Scientific Reports</i> , 2017, 7, 10962.	1.6	54
7	Methicillin-susceptible <i>Staphylococcus aureus</i> from clinical and community sources are genetically diverse. <i>International Journal of Medical Microbiology</i> , 2011, 301, 347-353.	1.5	43
8	High Genetic Diversity of <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> Clinical Isolates by Pulsed-Field Gel Electrophoresis and Multilocus Sequence Typing from a Hospital in Malaysia. <i>BioMed Research International</i> , 2013, 2013, 1-6.	0.9	42
9	Wide Distribution of Virulence Genes among <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> Clinical Isolates. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	38
10	Extremely high prevalence of antiseptic resistant Quaternary Ammonium Compound E gene among clinical isolates of multiple drug resistant <i>Acinetobacter baumannii</i> in Malaysia. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2015, 14, 11.	1.7	36
11	High prevalence of qacA/B carriage among clinical isolates of methicillin-resistant <i>Staphylococcus aureus</i> in Malaysia. <i>Journal of Hospital Infection</i> , 2012, 81, 206-208.	1.4	34
12	Vitiligo: Symptoms, Pathogenesis and Treatment. <i>International Journal of Immunopathology and Pharmacology</i> , 2014, 27, 485-489.	1.0	32
13	Monoclonal antibodies: A review of therapeutic applications and future prospects. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 713.	0.2	32
14	Iron and Virulence in <i>Stenotrophomonas maltophilia</i> : All We Know So Far. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 401.	1.8	32
15	<i>Stenotrophomonas maltophilia</i> in Malaysia: molecular epidemiology and trimethoprim-sulfamethoxazole resistance. <i>International Journal of Infectious Diseases</i> , 2012, 16, e603-e607.	1.5	30
16	Stem Cell Therapy for Treatment of Ocular Disorders. <i>Stem Cells International</i> , 2016, 2016, 1-18.	1.2	30
17	Comparative proteomic analysis of extracellular proteins expressed by various clonal types of <i>Staphylococcus aureus</i> and during planktonic growth and biofilm development. <i>Frontiers in Microbiology</i> , 2015, 6, 524.	1.5	29
18	Extracellular enzyme profiling of <i>Stenotrophomonas maltophilia</i> clinical isolates. <i>Virulence</i> , 2014, 5, 326-330.	1.8	26

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19	Recent Developments in $\hat{I}^2$ -Cell Differentiation of Pluripotent Stem Cells Induced by Small and Large Molecules. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23418-23447.	1.8	25
20	Development and validation of a new knowledge, attitude, belief and practice questionnaire on leptospirosis in Malaysia. <i>BMC Public Health</i> , 2018, 18, 331.	1.2	25
21	Seroprevalence and distribution of leptospirosis serovars among wet market workers in northeastern, Malaysia: a cross sectional study. <i>BMC Infectious Diseases</i> , 2018, 18, 569.	1.3	24
22	Genotypically Different Clones of <i>Staphylococcus aureus</i> Are Diverse in the Antimicrobial Susceptibility Patterns and Biofilm Formations. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	21
23	Comparative Exoproteomics and Host Inflammatory Response in <i>Staphylococcus aureus</i> Skin and Soft Tissue Infections, Bacteremia, and Subclinical Colonization. <i>Vaccine Journal</i> , 2015, 22, 593-603.	3.2	21
24	Impact of dengue virus (serotype DENV-2) infection on liver of BALB/c mice: A histopathological analysis. <i>Tissue and Cell</i> , 2017, 49, 86-94.	1.0	21
25	Molecular typing and antibiotic resistance patterns of methicillin-resistant <i>Staphylococcus aureus</i> isolates from clinical samples in Malaysia: An update. <i>Tropical Biomedicine</i> , 2017, 34, 1-6.	0.2	21
26	Group B streptococcal bacteremia in a major teaching hospital in Malaysia: a case series of eighteen patients. <i>International Journal of Infectious Diseases</i> , 2013, 17, e777-e780.	1.5	20
27	Methicillin-Susceptible and -Resistant <i>Staphylococcus aureus</i> with High-Level Antiseptic and Low-Level Mupirocin Resistance in Malaysia. <i>Microbial Drug Resistance</i> , 2014, 20, 472-477.	0.9	20
28	Antibacterial and Antibiofilm Activities of Nonpolar Extracts of <i>Allium stipitatum</i> Regel. against Multidrug Resistant Bacteria. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	19
29	Genetic variation among methicillin-resistant <i>Staphylococcus aureus</i> isolates from cancer patients in Saudi Arabia. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 755-761.	1.3	18
30	The mazEF toxin-antitoxin system as a novel antibacterial target in <i>Acinetobacter baumannii</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 502-505.	0.8	18
31	Nasal carriers are more likely to acquire exogenous <i>Staphylococcus aureus</i> strains than non-carriers. <i>Clinical Microbiology and Infection</i> , 2015, 21, 998.e1-998.e7.	2.8	18
32	Leptospirosis: Molecular trial path and immunopathogenesis correlated with dengue, malaria and mimetic hemorrhagic infections. <i>Acta Tropica</i> , 2017, 176, 206-223.	0.9	18
33	Rapid detection and identification of pathogens in patients with continuous ambulatory peritoneal dialysis (CAPD) associated peritonitis by 16s rRNA gene sequencing. <i>Tropical Biomedicine</i> , 2013, 30, 602-7.	0.2	18
34	Low Levels of Knowledge, Attitudes and Preventive Practices on Leptospirosis among a Rural Community in Hulu Langat District, Selangor, Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 693.	1.2	17
35	Putative Iron Acquisition Systems in <i>Stenotrophomonas maltophilia</i> . <i>Molecules</i> , 2018, 23, 2048.	1.7	17
36	Bioactive 2-(Methyldithio)Pyridine-3-Carbonitrile from Persian Shallot ( <i>Allium stipitatum</i> Regel.) Exerts Broad-Spectrum Antimicrobial Activity. <i>Molecules</i> , 2019, 24, 1003.	1.7	16

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37	Stenotrophomonas maltophilia: pathogenesis model using Caenorhabditis elegans. Journal of Medical Microbiology, 2013, 62, 1777-1779.	0.7	14
38	Seroprevalence of leptospiral antibodies among market workers and food handlers in the central state of Malaysia. Tropical Medicine and International Health, 2018, 23, 327-333.	1.0	13
39	Antibiotic Susceptibility Patterns, Biofilm Formation and esp Gene among Clinical Enterococci: Is There Any Association?. International Journal of Environmental Research and Public Health, 2019, 16, 3439.	1.2	13
40	Simple, time saving pulsed-field gel electrophoresis protocol for the typing of Stenotrophomonas maltophilia. Journal of Microbiological Methods, 2013, 94, 141-143.	0.7	12
41	Perceived Severity and Susceptibility towards Leptospirosis Infection in Malaysia. International Journal of Environmental Research and Public Health, 2020, 17, 6362.	1.2	12
42	The mazEF toxin&dash;antitoxin system as an attractive target in clinical isolates of Enterococcus faecium and Enterococcus faecalis. Drug Design, Development and Therapy, 2015, 9, 2553.	2.0	11
43	Genomic plasticity between human and mycobacterial DNA: A review. Tuberculosis, 2017, 107, 38-47.	0.8	11
44	Humoral immune consequences of Staphylococcus aureus ST239-associated bacteremia. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 255-263.	1.3	10
45	Efficacy of Interventional Programs in Reducing Acculturative Stress and Enhancing Adjustment of International Students to the New Host Educational Environment: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 7765.	1.2	10
46	Leptospirosis Health Intervention Module Effect on Knowledge, Attitude, Belief, and Practice among Wet Market Workers in Northeastern Malaysia: An Intervention Study. International Journal of Environmental Research and Public Health, 2018, 15, 1396.	1.2	9
47	Leptospirosis and its prevention: knowledge, attitude and practice of urban community in Selangor, Malaysia. BMC Public Health, 2019, 19, 628.	1.2	8
48	Acquired tetracycline resistance genes by transposons and virulence factors in enterococci recovered from overland and aquatic animals: A systematic review. Reviews in Aquaculture, 2022, 14, 399-413.	4.6	8
49	Modulatory and regenerative potential of transplanted bone marrow-derived mesenchymal stem cells on rifampicin-induced kidney toxicity. Regenerative Therapy, 2018, 9, 100-110.	1.4	7
50	A qualitative exploration of the misconceptions, knowledge gaps and constructs of leptospirosis among rural and urban communities in Malaysia. PLoS ONE, 2018, 13, e0200871.	1.1	7
51	The Role of Subinhibitory Concentrations of Daptomycin and Tigecycline in Modulating Virulence in Staphylococcus aureus. Antibiotics, 2021, 10, 39.	1.5	7
52	Ethnicity association of <i>Helicobacter pylori</i> virulence genotype and metronidazole susceptibility. World Journal of Gastroenterology, 2013, 19, 1283.	1.4	7
53	Clinical Screening Tools to Diagnose Group A Streptococcal Pharyngotonsillitis in Primary Care Clinics to Improve Prescribing Habits. The Malaysian Journal of Medical Sciences, 2018, 25, 6-21.	0.3	6
54	Knowledge, Attitudes, Practices and Health Beliefs toward Leptospirosis among Urban and Rural Communities in Northeastern Malaysia. International Journal of Environmental Research and Public Health, 2018, 15, 2425.	1.2	6

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55	&lt;p&gt;High Level Aminoglycoside Resistance And Distribution Of The Resistance Genes In &lt;em&gt;Enterococcus faecalis&lt;/em&gt; And &lt;em&gt;Enterococcus faecium&lt;/em&gt; From Teaching Hospital In Malaysia&lt;p&gt;. Infection and Drug Resistance, 2019, Volume 12, 3269-3274.	1.1	6
56	Current Trend on the Economic and Public Health Significance of Salmonellosis in Iraq. Advances in Animal and Veterinary Sciences, 2019, 7, .	0.1	6
57	Modified silver staining in 2<sup>DE</sup> improves protein detection even at extremely low sample concentration. Electrophoresis, 2013, 34, 397-400.	1.3	5
58	A Low Prevalence of Inducible Macrolide, Lincosamide, and Streptogramin B Resistance Phenotype among Methicillin-Susceptible Staphylococcus aureus Isolated from Malaysian Patients and Healthy Individuals. Jundishapur Journal of Microbiology, 2016, 9, e37148.	0.2	5
59	Micro-anatomical changes in major blood vessel caused by dengue virus (serotype 2) infection. Acta Tropica, 2017, 171, 213-219.	0.9	5
60	The â€œCheckmateâ€™™ for Iron Between Human Host and Invading Bacteria: Chess Game Analogy. Indian Journal of Microbiology, 2018, 58, 257-267.	1.5	5
61	Phylogenetic Analysis of Human Genotypes in Fars Province, Southern Iran. Iranian Journal of Parasitology, 2017, 12, 522-533.	0.6	5
62	Environmental Contamination in the Hospital as a Possible Source for Nosocomial Infection with Methicillin-Resistant <i>Staphylococcus aureus</i>. Infection Control and Hospital Epidemiology, 2010, 31, 1302-1303.	1.0	4
63	Awareness, Knowledge, Attitude and Preventive Practice of Leptospirosis Among Healthy Malaysian and Non-Malaysian Wet Market Workers in Selected Urban Areas in Selangor, Malaysia. International Journal of Environmental Research and Public Health, 2020, 17, 1346.	1.2	4
64	Stem Cell Therapy in Dengue Virus-Infected BALB/C Mice Improves Hepatic Injury. Frontiers in Cell and Developmental Biology, 2021, 9, 637270.	1.8	4
65	Cutaneous larva migrans: a neglected disease and possible association with the use of long socks. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 170-172.	0.7	3
66	Modified DNase tube test to detect DNase activity in Stenotrophomonas maltophilia. Journal of Medical Microbiology, 2012, 61, 1792-1794.	0.7	3
67	The exoproteomes of clonally related Staphylococcus aureus strains are diverse. Annals of Microbiology, 2015, 65, 1809-1813.	1.1	3
68	3D modelling of the pathogenic Leptospira protein LipL32: A bioinformatics approach. Acta Tropica, 2017, 176, 433-439.	0.9	3
69	Hymenolepis nana in a renal transplant recipient: to treat or not to treat?. Medical Journal of Malaysia, 2011, 66, 259-60.	0.2	3
70	Characterization and antimicrobial activities of two Streptomyces isolates from soil in the periphery of Universiti Putra Malaysia. Tropical Biomedicine, 2011, 28, 651-60.	0.2	3
71	Differences in humoral immune response between patients with or without nasal carriage of Staphylococcus aureus. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 451-458.	1.3	2
72	Physiological and proteomic analysis of <i>Stenotrophomonas maltophilia</i> grown under the iron-limited condition. Future Microbiology, 2019, 14, 1417-1428.	1.0	2

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73	Economic benefit of leptospirosis prevention in Kelantan, Malaysia: Willingness to contribute approach. <i>International Journal of Health Planning and Management</i> , 2019, 34, e817-e823.	0.7	2
74	Extremely Low Prevalence of Erythromycin-Resistant <i>Streptococcus pyogenes</i> Isolates and Their Molecular Characteristics by M Protein Gene and Multilocus Sequence Typing Methods. <i>Jundishapur Journal of Microbiology</i> , 2018, 11, .	0.2	2
75	Investigations for the Possible Use of a Monoclonal Antibody Produced against Antigen as an Immunodiagnostic Reagent for Active Strongyloidiasis. <i>Iranian Journal of Parasitology</i> , 2018, 13, 204-214.	0.6	2
76	Reliability and validity of knowledge, attitude, practice, and perception (KAP2) questionnaire on food poisoning and its prevention among consumers in Bangi and Kajang, Selangor, Malaysia. , 2021, 28, 1204-1215.		2
77	Evaluation of Modified Laboratory Processes for Isolation of Bacteria and Fungi in Continuous Ambulatory Peritoneal Dialysis Patients with Peritonitis. <i>Peritoneal Dialysis International</i> , 2015, 35, 767-769.	1.1	1
78	Improved Visual Detection of speB Gene in <i>Streptococcus pyogenes</i> Isolates by Real-time Loop-Mediated Isothermal Amplification Turbidimetry Method. <i>Jundishapur Journal of Microbiology</i> , 2021, 14, .	0.2	1
79	Distribution of virulence genes and the molecular epidemiology of <i>Streptococcus pyogenes</i> clinical isolates by emm and multilocus sequence typing methods. <i>Medical Journal of Malaysia</i> , 2021, 76, 164-170.	0.2	1
80	Antibiotic Prescribing Patterns for Patients with Pharyngitis in Malaysian Public Primary Care Clinics. <i>The Malaysian Journal of Medical Sciences</i> , 2022, 29, 91-100.	0.3	1
81	Molecular Detection of <i>Strongyloides ratti</i> in Faecal Samples from Wild Rats in Serdang, Malaysia. <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 14, 1167.	0.2	0
82	Extremely low prevalence of intestinal cryptosporidiosis and hygienic practices among hospitalized children with malignancies in Malaysia: A preliminary observation. <i>African Journal of Microbiology Research</i> , 2011, 5, .	0.4	0
83	Total serum IgG and respiratory symptoms as determinants of occupational exposure to the microbial contaminants in metalworking fluids among machining industry workers. <i>Annals of Tropical Medicine and Public Health</i> , 2017, 10, 82.	0.1	0
84	DermaDermal Health of Metal Machinistsetal Machinists. <i>Iranian Journal of Public Health</i> , 0, , .	0.3	0
85	Prevalence of Intestinal Cryptosporidiosis in Malaysian Children with Malignancies. <i>International Journal of New Technology and Research</i> , 2019, 5, .	0.0	0
86	The Differences between the Expression Levels of AXE-TXE Genes in Chloramphenicol-Sensitive and Penicillin-Resistant <i>Enterococcus faecium</i> Isolates. <i>Sains Malaysiana</i> , 2020, 49, 1401-1410.	0.3	0
87	Dermal Health of Metal Machinists. <i>Iranian Journal of Public Health</i> , 2019, 48, 775-776.	0.3	0
88	University Students' Knowledge, Attitude, and Practice (KAP) towards COVID-19 in Malaysia. <i>Pertanika Journal of Social Science and Humanities</i> , 2021, 29, 2853-2868.	0.1	0
89	Complicated urinary tract infection caused by <i>Corynebacterium urealyticum</i> - A pathogen that should not be forgotten.. <i>Medical Journal of Malaysia</i> , 2022, 77, 110-112.	0.2	0