

# Hisham Atan Atan

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

2,033  
citations

279798

23  
h-index

289244

40  
g-index

105  
all docs

105  
docs citations

105  
times ranked

2126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy Metal Concentrations in Malaysian Adults's Hair and Associated Variables in Bukit Mertajam, Penang, Malaysia. <i>Biological Trace Element Research</i> , 2022, 200, 3475-3481.	3.5	3
2	Effect of fish meal substitution with fermented soy pulp on growth performance, digestive enzyme, amino acid profile, and immune-related gene expression of African catfish ( <i>Clarias gariepinus</i> ). <i>Aquaculture</i> , 2022, 546, 737418.	3.5	55
3	Phytocompound Mediated Blockage of Quorum Sensing Cascade in ESKAPE Pathogens. <i>Antibiotics</i> , 2022, 11, 61.	3.7	18
4	Novel Bioactive Compounds From Marine Sources as a Tool for Functional Food Development. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	72
5	Engineered Nanotechnology: An Effective Therapeutic Platform for the Chronic Cutaneous Wound. <i>Nanomaterials</i> , 2022, 12, 778.	4.1	13
6	Seafood Discards: A Potent Source of Enzymes and Biomacromolecules With Nutritional and Nutraceutical Significance. <i>Frontiers in Nutrition</i> , 2022, 9, 879929.	3.7	20
7	A Review on Secondary Immune Thrombocytopenia in Malaysia. <i>Healthcare (Switzerland)</i> , 2022, 10, 38.	2.0	2
8	Engineered Biofilm: Innovative Nextgen Strategy for Quality Enhancement of Fermented Foods. <i>Frontiers in Nutrition</i> , 2022, 9, 808630.	3.7	6
9	INVESTIGATING THE GEOCHEMICAL CONTENT OF ANCIENT LATERITE BRICKS FROM BUKIT CHORAS ARCHAEOLOGICAL SITE USING X-RAY DIFFRACTION (XRD) AND X-RAY FLUORESCENCE (XRF). <i>Journal of Sustainability Science and Management</i> , 2022, 17, 236-258.	0.5	0
10	FRAMEWORK OF MEASURES FOR COVID-19 PANDEMIC IN MALAYSIA: THREATS, INITIATIVES AND OPPORTUNITIES. <i>Journal of Sustainability Science and Management</i> , 2022, 17, 8-18.	0.5	5
11	COVID-19 TREATMENT MAY IMPACT SUN BEAR. <i>Journal of Sustainability Science and Management</i> , 2022, 17, 1-7.	0.5	0
12	Potent Bioactive Compounds From Seaweed Waste to Combat Cancer Through Bioinformatics Investigation. <i>Frontiers in Nutrition</i> , 2022, 9, 889276.	3.7	34
13	Bioactivity and Pharmacological Potential of Date Palm ( <i>Phoenix dactylifera</i> L.) Against Pandemic COVID-19: a Comprehensive Review. <i>Applied Biochemistry and Biotechnology</i> , 2022, , .	2.9	4
14	Single Nucleotide Polymorphisms in XMN1-HBG2, HBS1L-MYB, and BCL11A and Their Relation to High Fetal Hemoglobin Levels That Alleviate Anemia. <i>Diagnostics</i> , 2022, 12, 1374.	2.6	2
15	The combinatorial diversity of KIR and HLA class I allotypes in Peninsular Malaysia. <i>Immunology</i> , 2021, 162, 389-404.	4.4	12
16	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , 2021, 589, 415-419.	27.8	71
17	A Multidisciplinary Account of the Orang Asli in Peninsular Malaysia. , 2021, , 157-188.		1
18	Correction to: Extended blood group profiles for Malays, Chinese, and Indians in Peninsular Malaysia. <i>Egyptian Journal of Medical Human Genetics</i> , 2021, 22, .	1.0	1

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19	Non-Conformity to Social Distancing Rules Give Rise to Various COVID-19 Clusters in Malaysia. <i>Medical Sciences Forum</i> , 2021, 4, 3.	0.5	0
20	Microbiologically-Synthesized Nanoparticles and Their Role in Silencing the Biofilm Signaling Cascade. <i>Frontiers in Microbiology</i> , 2021, 12, 636588.	3.5	117
21	Predicting <i>Tachypleus gigas</i> Spawning Distribution with Climate Change in Northeast Coast of India. <i>Journal of Ecological Engineering</i> , 2021, 22, 211-220.	1.1	3
22	Population data and genetic characteristics of 12 X-STR loci using the Investigator <sup>®</sup> Argus X-12 Quality Sensor kit for the Kedayan population of Borneo in Malaysia. <i>International Journal of Legal Medicine</i> , 2021, 135, 1433-1435.	2.2	5
23	COVID 19 AND THE MALAYSIAN ZOO PREVENTIVE MEASURE READINESS. <i>Journal of Sustainability Science and Management</i> , 2021, 16, 46-54.	0.5	0
24	Amylases: Biofilm Inducer or Biofilm Inhibitor?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 660048.	3.9	45
25	Bacterial Biopolymer: Its Role in Pathogenesis to Effective Biomaterials. <i>Polymers</i> , 2021, 13, 1242.	4.5	34
26	Synthesis and Characterization of Diosgenin Encapsulated Poly- $\epsilon$ -Caprolactone-Pluronic Nanoparticles and Its Effect on Brain Cancer Cells. <i>Polymers</i> , 2021, 13, 1322.	4.5	31
27	Microbial Fabrication of Nanomaterial and Its Role in Disintegration of Exopolymeric Matrices of Biofilm. <i>Frontiers in Chemistry</i> , 2021, 9, 690590.	3.6	30
28	$\gamma$ -Irradiated Chitosan From <i>Carcinoscorpius rotundicauda</i> (Latreille, 1802) Improves the Shelf Life of Refrigerated Aquatic Products. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	23
29	Functionalized Chitosan Nanomaterials: A Jammer for Quorum Sensing. <i>Polymers</i> , 2021, 13, 2533.	4.5	22
30	Macrolactin A as a Novel Inhibitory Agent for SARS-CoV-2 Mpro: Bioinformatics Approach. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 3371-3394.	2.9	25
31	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. <i>Lancet, The</i> , 2021, 398, 503-521.	13.7	93
32	Green Synthesis of Silver Nanoparticles Using <i>Diospyros malabarica</i> Fruit Extract and Assessments of Their Antimicrobial, Anticancer and Catalytic Reduction of 4-Nitrophenol (4-NP). <i>Nanomaterials</i> , 2021, 11, 1999.	4.1	76
33	VARIATION IN COVID-19 INFECTION PARAMETERS ENDORSE THE CALL FOR GREATER EFFORTS IN PERSONALISED MEDICINE. <i>Journal of Sustainability Science and Management</i> , 2021, 16, 10-14.	0.5	0
34	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 398, 870-905.	13.7	229
35	Hydro-Geochemical Attributes Based Classifiers for Groundwater Analysis. <i>Ecological Engineering and Environmental Technology</i> , 2021, 22, 28-39.	0.7	2
36	Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990–2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. <i>Lancet HIV, the</i> , 2021, 8, e633-e651.	4.7	56

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37	The possibility of replacing fish meal with fermented soy pulp on the growth performance, blood biochemistry, liver, and intestinal morphology of African catfish ( <i>Clarias gariepinus</i> ). <i>Aquaculture Reports</i> , 2021, 21, 100815.	1.7	39
38	GENETIC MARKERS OF COVID-19 SUSCEPTIBILITY. <i>Journal of Sustainability Science and Management</i> , 2021, 16, 1-3.	0.5	1
39	DRUG REPURPOSING FOR TREATMENT OF COVID-19 PATIENTS. <i>Journal of Sustainability Science and Management</i> , 2021, 16, 4-9.	0.5	0
40	Green Synthesis of Gold Nanoparticles Using Plant Extracts as Beneficial Prospect for Cancer Theranostics. <i>Molecules</i> , 2021, 26, 6389.	3.8	75
41	Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. <i>Nature Medicine</i> , 2021, 27, 1761-1782.	30.7	60
42	Comparative approach of decision tree and CWQI analysis for classification of groundwater with a special reference to fluoride ion in drought-prone Boudh district of Odisha, India. <i>Sustainable Water Resources Management</i> , 2021, 7, 1.	2.1	2
43	Bacterial Cellulose: Production, Characterization, and Application as Antimicrobial Agent. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12984.	4.1	75
44	Development of Polymer-Based Nanoformulations for Glioblastoma Brain Cancer Therapy and Diagnosis: An Update. <i>Polymers</i> , 2021, 13, 4114.	4.5	22
45	Exosome-associated host-pathogen interaction: a potential effect of biofilm formation. <i>Journal of Analytical Science and Technology</i> , 2021, 12, .	2.1	2
46	Population data of 23 Y chromosome STR loci for the five major human subpopulations of Ghana. <i>International Journal of Legal Medicine</i> , 2020, 134, 1313-1315.	2.2	6
47	Human neutrophil antigen frequency data for Malays, Chinese and Indians. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102651.	1.0	8
48	Population data for 23 Y chromosome STR loci using the Powerplex <sup>®</sup> Y23 STR kit for the Kedayan population in Malaysia. <i>International Journal of Legal Medicine</i> , 2020, 134, 1335-1337.	2.2	3
49	Autosomal STR Profiling and Databanking in Malaysia: Current Status and Future Prospects. <i>Genes</i> , 2020, 11, 1112.	2.4	7
50	Extraction of People's Perception Toward Horseshoe Crab Existence in Northeast Coast of India. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	3
51	Dataset on 21 autosomal and two sex determining short tandem repeat loci in the Kedayan population in Borneo, Malaysia. <i>Data in Brief</i> , 2020, 31, 105909.	1.0	2
52	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , 2020, 8, e1038-e1060.	6.3	23
53	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , 2020, 8, e1162-e1185.	6.3	91
54	A review on introduced <i>Cichla</i> spp. and emerging concerns. <i>Heliyon</i> , 2020, 6, e05370.	3.2	11

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55	Structural Characterization and Antioxidant Potential of Chitosan by $\gamma$ -Irradiation from the Carapace of Horseshoe Crab. <i>Polymers</i> , 2020, 12, 2361.	4.5	47
56	Forensic parameters and ancestral fractions in the Kedayan population inferred using 21 autosomal STR loci. <i>Meta Gene</i> , 2020, 25, 100741.	0.6	4
57	Population dataset for 21 simple tandem repeat loci in the Akan population of Ghana. <i>Data in Brief</i> , 2020, 31, 105746.	1.0	2
58	A single mass gathering resulted in massive transmission of COVID-19 infections in Malaysia with further international spread. <i>Journal of Travel Medicine</i> , 2020, 27, .	3.0	94
59	Assessment of QIAGEN <sup>®</sup> , Investigator <sup>®</sup> 24plex GO! kit workflow for autosomal STR profiling of forensic reference samples. <i>Egyptian Journal of Forensic Sciences</i> , 2020, 10, .	1.0	1
60	Extended blood group profiles for Malays, Chinese, and Indians in Peninsular Malaysia. <i>Egyptian Journal of Medical Human Genetics</i> , 2020, 21, .	1.0	7
61	COVID 19 AND THE MALAYSIAN ZOO PREVENTIVE MEASURE READINESS. <i>Journal of Sustainability Science and Management</i> , 2020, 16, 46-54.	0.5	1
62	BLOOD COLLECTION AND USAGE DURING CORONAVIRUS OUTBREAK. <i>Journal of Sustainability Science and Management</i> , 2020, 16, 22-28.	0.5	1
63	Reconstruction of the Austronesian Diaspora in the Era of Genomics. <i>Human Biology</i> , 2020, 92, 247.	0.2	6
64	Human Platelet Antigen Datasets for Malays, Chinese, and Indians in Peninsular Malaysia. <i>Annals of Laboratory Medicine</i> , 2020, 40, 493-499.	2.5	2
65	The Prevalence of Transfusion-transmitted Infections among Blood Donors in Hospital Universiti Sains Malaysia. <i>Oman Medical Journal</i> , 2020, 35, e189.	1.0	1
66	Sri Petaling COVID-19 cluster in Malaysia: challenges and the mitigation strategies. <i>Acta Biomedica</i> , 2020, 91, e2020154.	0.3	1
67	The Prevalence of Transfusion-transmitted Infections among Blood Donors in Hospital Universiti Sains Malaysia. <i>Oman Medical Journal</i> , 2020, 35, e189-e189.	1.0	4
68	Assessment of autosomal and male DNA extracted from casework samples using Casework Direct Kit, Custom and Maxwell 16 System DNA IQ Casework Pro Kit for autosomal-STR and Y-STR profiling. <i>Scientific Reports</i> , 2019, 9, 14558.	3.3	5
69	The value of geochemical signatures marine by-products, with highlights from taxonomies sea cucumbers, macroalgae and crown of thorns starfish. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
70	Violent crime datasets: Incidence and patterns in Malaysia from 2006 to 2017. <i>Data in Brief</i> , 2019, 26, 104449.	1.0	4
71	Human Leukocyte Antigen (HLA) class I and II datasets for sudanese. <i>Data in Brief</i> , 2019, 24, 104027.	1.0	0
72	Compendium of hand, foot and mouth disease data in Malaysia from years 2010â€“2017. <i>Data in Brief</i> , 2019, 24, 103868.	1.0	11

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73	Cytokine Gene Polymorphisms in Cancer and Inflammatory Disorders. <i>Current Immunology Reviews</i> , 2018, 14, 81-93.	1.2	5
74	A New Analysis of Population History in Sabah and Sarawak. <i>GATR Global Journal of Business Social Sciences Review</i> , 2018, 6, 106-113.	0.1	6
75	Transfusion medicine and molecular genetic methods. <i>International Journal of Preventive Medicine</i> , 2018, 9, 45.	0.4	7
76	HNA diversity in six subgroups of Orang Asli in Peninsular Malaysia. <i>Transfusion Medicine</i> , 2016, 26, 305-307.	1.1	3
77	The genetic history of Peninsular Malaysia. <i>Gene</i> , 2016, 586, 129-135.	2.2	18
78	Distribution of HLA-A, -B and -DRB1 alleles in the Kensiu and Semai Orang Asli sub-groups in Peninsular Malaysia. <i>Human Immunology</i> , 2016, 77, 618-619.	2.4	6
79	Distribution of cytokine gene polymorphisms in six Orang Asli subgroups in Peninsular Malaysia. <i>Human Immunology</i> , 2016, 77, 338-339.	2.4	6
80	Human platelet antigen allelic diversity in Peninsular Malaysia. <i>Immunohematology</i> , 2016, 32, 143-160.	0.2	4
81	Human platelet antigen allelic diversity in Peninsular Malaysia. <i>Immunohematology</i> , 2016, 32, 143-160.	0.2	3
82	Allele frequencies of human platelet antigens in Banjar, Bugis, Champa, Jawa and Kelantan Malays in Peninsular Malaysia. <i>Transfusion Medicine</i> , 2015, 25, 326-332.	1.1	8
83	Ancient Genetic Signatures of Orang Asli Revealed by Killer Immunoglobulin-Like Receptor Gene Polymorphisms. <i>PLoS ONE</i> , 2015, 10, e0141536.	2.5	11
84	Distribution of cytokine gene polymorphisms in five Malay subethnic groups in Peninsular Malaysia. <i>International Journal of Immunogenetics</i> , 2015, 42, 200-203.	1.8	6
85	Molecular blood group typing in Banjar, Jawa, Mandailing and Kelantan Malays in Peninsular Malaysia. <i>Transfusion and Apheresis Science</i> , 2015, 53, 69-73.	1.0	6
86	Recent Developments in Transplantation and Transfusion Medicine. <i>Annals of Transplantation</i> , 2015, 20, 424-429.	0.9	7
87	KIR diversity in Māori and Polynesians: populations in which HLA-B is not a significant KIR ligand. <i>Immunogenetics</i> , 2014, 66, 597-611.	2.4	36
88	Killer immunoglobulin-like receptor diversity in Malay subethnic groups of Peninsular Malaysia. <i>International Journal of Immunogenetics</i> , 2014, 41, 472-479.	1.8	12
89	16 <sup>th</sup> IHIW: Analysis of HLA Population Data, with updated results for 1996 to 2012 workshop data (AHPD project report). <i>International Journal of Immunogenetics</i> , 2013, 40, 21-30.	1.8	32
90	HLA and MICA polymorphism in Polynesians and New Zealand Maori: Implications for ancestry and health. <i>Human Immunology</i> , 2013, 74, 1119-1129.	2.4	25

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91	Molecular approaches to transfusion medicine in <scp>P</scp>olynesians and <scp>M</scp>aori in <scp>N</scp>ew <scp>Z</scp>ealand. International Journal of Immunogenetics, 2013, 40, 460-470.	1.8	11
92	Human platelet antigens frequencies in Maori and Polynesian populations. Transfusion Medicine, 2013, 23, 330-337.	1.1	14
93	Using <scp>HLA</scp> loci to inform ancestry and health in <scp>P</scp>olynesian and <scp>M</scp>aori populations. Tissue Antigens, 2012, 80, 509-522.	1.0	16
94	Sequence polymorphisms of mtDNA HV1, HV2, and HV3 regions in the Malay population of Peninsular Malaysia. International Journal of Legal Medicine, 2010, 124, 415-426.	2.2	18
95	HLA polymorphism in six Malay subethnic groups in Malaysia. Human Immunology, 2009, 70, 518-526.	2.4	29
96	Red Blood Cell Frequencies and Genetic Polymorphisms of Various Blood Grouping Systems in the Emirati Population. ISBT Science Series, 0, , .	1.1	1
97	Evaluation of long-term storage effects on buccal cell DNA from untreated cards for STR profiling. IOP Conference Series: Earth and Environmental Science, 0, 596, 012009.	0.3	0
98	Optimization and characterization of chitosan extracted from Mucor rouxii. IOP Conference Series: Earth and Environmental Science, 0, 596, 012030.	0.3	0
99	Ionizing Radiation as a Non-invasive Treatment for COVID-19 Patients-A Perspective Review. IOP Conference Series: Earth and Environmental Science, 0, 596, 012036.	0.3	2
100	Adsorption of Methylene Blue onto Iron Oxide Magnetic Nanoparticles Coated with Sugarcane Bagasse. IOP Conference Series: Earth and Environmental Science, 0, 596, 012052.	0.3	5
101	PROPERTY CRIME INCIDENCE AND PATTERNS IN MALAYSIA FROM 2007 TO 2017. Planning Malaysia, 0, 20, .	0.2	0