

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	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
2	Microbiologically-Synthesized Nanoparticles and Their Role in Silencing the Biofilm Signaling Cascade. <i>Frontiers in Microbiology</i> , 2021, 12, 636588.	3.5	117
3	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
4	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980â€“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
5	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000â€“17. <i>The Lancet Global Health</i> , 2020, 8, e1162-e1185.	6.3	91
6	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
7	Green Synthesis of Gold Nanoparticles Using Plant Extracts as Beneficial Prospect for Cancer Theranostics. <i>Molecules</i> , 2021, 26, 6389.	3.8	75
8	Bacterial Cellulose: Production, Characterization, and Application as Antimicrobial Agent. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12984.	4.1	75
9	Novel Bioactive Compounds From Marine Sources as a Tool for Functional Food Development. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	72
10	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , 2021, 589, 415-419.	27.8	71
11	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
12	Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990â€“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
13	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
14	Structural Characterization and Antioxidant Potential of Chitosan by γ -Irradiation from the Carapace of Horseshoe Crab. <i>Polymers</i> , 2020, 12, 2361.	4.5	47
15	Amylases: Biofilm Inducer or Biofilm Inhibitor?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 660048.	3.9	45
16	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
17	KIR diversity in MÄori and Polynesians: populations in which HLA-B is not a significant KIR ligand. <i>Immunogenetics</i> , 2014, 66, 597-611.	2.4	36
18	Bacterial Biopolymer: Its Role in Pathogenesis to Effective Biomaterials. <i>Polymers</i> , 2021, 13, 1242.	4.5	34

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19	Potent Bioactive Compounds From Seaweed Waste to Combat Cancer Through Bioinformatics Investigation. <i>Frontiers in Nutrition</i> , 2022, 9, 889276.	3.7	34
20	16 th 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
21	Synthesis and Characterization of Diosgenin Encapsulated Poly- μ -Caprolactone-Pluronic Nanoparticles and Its Effect on Brain Cancer Cells. <i>Polymers</i> , 2021, 13, 1322.	4.5	31
22	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
23	HLA polymorphism in six Malay subethnic groups in Malaysia. <i>Human Immunology</i> , 2009, 70, 518-526.	2.4	29
24	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
25	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
26	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
27	γ -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
28	Functionalized Chitosan Nanomaterials: A Jammer for Quorum Sensing. <i>Polymers</i> , 2021, 13, 2533.	4.5	22
29	Development of Polymer-Based Nanoformulations for Glioblastoma Brain Cancer Therapy and Diagnosis: An Update. <i>Polymers</i> , 2021, 13, 4114.	4.5	22
30	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
31	Sequence polymorphisms of mtDNA HV1, HV2, and HV3 regions in the Malay population of Peninsular Malaysia. <i>International Journal of Legal Medicine</i> , 2010, 124, 415-426.	2.2	18
32	The genetic history of Peninsular Malaysia. <i>Gene</i> , 2016, 586, 129-135.	2.2	18
33	Phytocompound Mediated Blockage of Quorum Sensing Cascade in ESKAPE Pathogens. <i>Antibiotics</i> , 2022, 11, 61.	3.7	18
34	Using HLA loci to inform ancestry and health in Polynesian and Maori populations. <i>Tissue Antigens</i> , 2012, 80, 509-522.	1.0	16
35	Human platelet antigens frequencies in Maori and Polynesian populations. <i>Transfusion Medicine</i> , 2013, 23, 330-337.	1.1	14
36	Engineered Nanotechnology: An Effective Therapeutic Platform for the Chronic Cutaneous Wound. <i>Nanomaterials</i> , 2022, 12, 778.	4.1	13

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37	Killer immunoglobulin-like receptor diversity in Malay subethnic groups of Peninsular Malaysia. International Journal of Immunogenetics, 2014, 41, 472-479.	1.8	12
38	The combinatorial diversity of KIR and HLA class I allotypes in Peninsular Malaysia. Immunology, 2021, 162, 389-404.	4.4	12
39	Molecular approaches to transfusion medicine in Polynesians and Maori in New Zealand. International Journal of Immunogenetics, 2013, 40, 460-470.	1.8	11
40	Ancient Genetic Signatures of Orang Asli Revealed by Killer Immunoglobulin-Like Receptor Gene Polymorphisms. PLoS ONE, 2015, 10, e0141536.	2.5	11
41	Compendium of hand, foot and mouth disease data in Malaysia from years 2010–2017. Data in Brief, 2019, 24, 103868.	1.0	11
42	A review on introduced Cichla spp. and emerging concerns. Heliyon, 2020, 6, e05370.	3.2	11
43	Allele frequencies of human platelet antigens in Banjar, Bugis, Champa, Jawa and Kelantan Malays in Peninsular Malaysia. Transfusion Medicine, 2015, 25, 326-332.	1.1	8
44	Human neutrophil antigen frequency data for Malays, Chinese and Indians. Transfusion and Apheresis Science, 2020, 59, 102651.	1.0	8
45	Autosomal STR Profiling and Databanking in Malaysia: Current Status and Future Prospects. Genes, 2020, 11, 1112.	2.4	7
46	Extended blood group profiles for Malays, Chinese, and Indians in Peninsular Malaysia. Egyptian Journal of Medical Human Genetics, 2020, 21, .	1.0	7
47	Recent Developments in Transplantation and Transfusion Medicine. Annals of Transplantation, 2015, 20, 424-429.	0.9	7
48	Transfusion medicine and molecular genetic methods. International Journal of Preventive Medicine, 2018, 9, 45.	0.4	7
49	Distribution of cytokine gene polymorphisms in five Malay subethnic groups in Peninsular Malaysia. International Journal of Immunogenetics, 2015, 42, 200-203.	1.8	6
50	Molecular blood group typing in Banjar, Jawa, Mandailing and Kelantan Malays in Peninsular Malaysia. Transfusion and Apheresis Science, 2015, 53, 69-73.	1.0	6
51	Distribution of HLA-A, -B and -DRB1 alleles in the Kensiu and Semai Orang Asli sub-groups in Peninsular Malaysia. Human Immunology, 2016, 77, 618-619.	2.4	6
52	Distribution of cytokine gene polymorphisms in six Orang Asli subgroups in Peninsular Malaysia. Human Immunology, 2016, 77, 338-339.	2.4	6
53	Population data of 23 Y chromosome STR loci for the five major human subpopulations of Ghana. International Journal of Legal Medicine, 2020, 134, 1313-1315.	2.2	6
54	A New Analysis of Population History in Sabah and Sarawak. GATR Global Journal of Business Social Sciences Review, 2018, 6, 106-113.	0.1	6

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55	Reconstruction of the Austronesian Diaspora in the Era of Genomics. <i>Human Biology</i> , 2020, 92, 247.	0.2	6
56	Engineered Biofilm: Innovative Nextgen Strategy for Quality Enhancement of Fermented Foods. <i>Frontiers in Nutrition</i> , 2022, 9, 808630.	3.7	6
57	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
58	Population data and genetic characteristics of 12 X-STR loci using the Investigator® 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
59	Cytokine Gene Polymorphisms in Cancer and Inflammatory Disorders. <i>Current Immunology Reviews</i> , 2018, 14, 81-93.	1.2	5
60	Adsorption of Methylene Blue onto Iron Oxide Magnetic Nanoparticles Coated with Sugarcane Bagasse. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 596, 012052.	0.3	5
61	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
62	Violent crime datasets: Incidence and patterns in Malaysia from 2006 to 2017. <i>Data in Brief</i> , 2019, 26, 104449.	1.0	4
63	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
64	Human platelet antigen allelic diversity in Peninsular Malaysia. <i>Immunohematology</i> , 2016, 32, 143-160.	0.2	4
65	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
66	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
67	HNA diversity in six subgroups of Orang Asli in Peninsular Malaysia. <i>Transfusion Medicine</i> , 2016, 26, 305-307.	1.1	3
68	Population data for 23 Y chromosome STR loci using the Powerplex® Y23 STR kit for the Kedayan population in Malaysia. <i>International Journal of Legal Medicine</i> , 2020, 134, 1335-1337.	2.2	3
69	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
70	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
71	Heavy Metal Concentrations in Malaysian Adults' Hair and Associated Variables in Bukit Mertajam, Penang, Malaysia. <i>Biological Trace Element Research</i> , 2022, 200, 3475-3481.	3.5	3
72	Human platelet antigen allelic diversity in Peninsular Malaysia. <i>Immunohematology</i> , 2016, 32, 143-160.	0.2	3

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73	Dataset on 21 autosomal and two sex determining short tandem repeat loci in the Kedayan population in Borneo, Malaysia. Data in Brief, 2020, 31, 105909.	1.0	2
74	Population dataset for 21 simple tandem repeat loci in the Akan population of Ghana. Data in Brief, 2020, 31, 105746.	1.0	2
75	Hydro-Geochemical Attributes Based Classifiers for Groundwater Analysis. Ecological Engineering and Environmental Technology, 2021, 22, 28-39.	0.7	2
76	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. Sustainable Water Resources Management, 2021, 7, 1.	2.1	2
77	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
78	Human Platelet Antigen Datasets for Malays, Chinese, and Indians in Peninsular Malaysia. Annals of Laboratory Medicine, 2020, 40, 493-499.	2.5	2
79	Exosome-associated hostâ€“pathogen interaction: a potential effect of biofilm formation. Journal of Analytical Science and Technology, 2021, 12, .	2.1	2
80	A Review on Secondary Immune Thrombocytopenia in Malaysia. Healthcare (Switzerland), 2022, 10, 38.	2.0	2
81	Single Nucleotide Polymorphisms in XMN1-HBG2, HBS1L-MYB, and BCL11A and Their Relation to High Fetal Hemoglobin Levels That Alleviate Anemia. Diagnostics, 2022, 12, 1374.	2.6	2
82	The value of geochemical signatures marine by-products, with highlights from taxonomies sea cucumbers, macroalgae and crown of thorns starfish. AIP Conference Proceedings, 2019, , .	0.4	1
83	A Multidisciplinary Account of the Orang Asli in Peninsular Malaysia. , 2021, , 157-188.		1
84	Correction to: Extended blood group profiles for Malays, Chinese, and Indians in Peninsular Malaysia. Egyptian Journal of Medical Human Genetics, 2021, 22, .	1.0	1
85	Red Blood Cell Frequencies and Genetic Polymorphisms of Various Blood Grouping Systems in the Emirati Population. ISBT Science Series, 0, , .	1.1	1
86	Assessment of QIAGENâ„¢ InvestigatorÂ® 24plex GO! kit workflow for autosomal STR profiling of forensic reference samples. Egyptian Journal of Forensic Sciences, 2020, 10, .	1.0	1
87	COVID 19 AND THE MALAYSIAN ZOO PREVENTIVE MEASURE READINESS. Journal of Sustainability Science and Management, 2020, 16, 46-54.	0.5	1
88	GENETIC MARKERS OF COVID-19 SUSCEPTIBILITY. Journal of Sustainability Science and Management, 2021, 16, 1-3.	0.5	1
89	BLOOD COLLECTION AND USAGE DURING CORONAVIRUS OUTBREAK. Journal of Sustainability Science and Management, 2020, 16, 22-28.	0.5	1
90	The Prevalence of Transfusion-transmitted Infections among Blood Donors in Hospital Universiti Sains Malaysia. Oman Medical Journal, 2020, 35, e189.	1.0	1

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91	Sri Petaling COVID-19 cluster in Malaysia: challenges and the mitigation strategies. Acta Biomedica, 2020, 91, e2020154.	0.3	1
92	Human Leukocyte Antigen (HLA) class I and II datasets for sudanese. Data in Brief, 2019, 24, 104027.	1.0	0
93	Non-Conformity to Social Distancing Rules Give Rise to Various COVID-19 Clusters in Malaysia. Medical Sciences Forum, 2021, 4, 3.	0.5	0
94	COVID 19 AND THE MALAYSIAN ZOO PREVENTIVE MEASURE READINESS. Journal of Sustainability Science and Management, 2021, 16, 46-54.	0.5	0
95	VARIATION IN COVID-19 INFECTION PARAMETERS ENDORSE THE CALL FOR GREATER EFFORTS IN PERSONALISED MEDICINE. Journal of Sustainability Science and Management, 2021, 16, 10-14.	0.5	0
96	DRUG REPURPOSING FOR TREATMENT OF COVID-19 PATIENTS. Journal of Sustainability Science and Management, 2021, 16, 4-9.	0.5	0
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	PROPERTY CRIME INCIDENCE AND PATTERNS IN MALAYSIA FROM 2007 TO 2017. Planning Malaysia, 0, 20, .	0.2	0
100	INVESTIGATING THE GEOCHEMICAL CONTENT OF ANCIENT LATERITE BRICKS FROM BUKIT CHORAS ARCHAEOLOGICAL SITE USING X-RAY DIFFRACTION (XRD) AND X-RAY FLUORESCENCE (XRF). Journal of Sustainability Science and Management, 2022, 17, 236-258.	0.5	0
101	COVID-19 TREATMENT MAY IMPACT SUN BEAR. Journal of Sustainability Science and Management, 2022, 17, 1-7.	0.5	0