## Zamberi Bin Sekawi

List of Publications by Year in descending order

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236612 264894 2,253 111 25 42 citations h-index g-index papers 111 111 111 3628 docs citations times ranked citing authors all docs

| #  | Article  | IF          | CITATIONS |
|----|--|-------------|-----------|
| 1  | COVID-19 outbreak in Malaysia: Actions taken by the Malaysian government. International Journal of Infectious Diseases, 2020, 97, 108-116.   | 1.5         | 258       |
| 2  | Predominance and Emergence of Clones of Hospital-Acquired Methicillin-Resistant <i>Staphylococcus aureus</i> in Malaysia. Journal of Clinical Microbiology, 2010, 48, 867-872.   | 1.8         | 117       |
| 3  | Inhibition of Growth of Highly Resistant Bacterial and Fungal Pathogens by a Natural Product. Open<br>Microbiology Journal, 2011, 5, 96-106.   | 0.2         | 103       |
| 4  | Extended Spectrum Beta-lactamases: Definition, Classification and Epidemiology. Current Issues in Molecular Biology, 2015, 17, 11-21.  | 1.0         | 99        |
| 5  | Quantitative PCR analysis of genes expressed during biofilm development of methicillin resistant Staphylococcus aureus (MRSA). Infection, Genetics and Evolution, 2013, 18, 106-112.   | 1.0         | 94        |
| 6  | Prevalence of Adhesion and Regulation of Biofilm-Related Genes in Different Clones of <i>Staphylococcus aureus </i> . Journal of Biomedicine and Biotechnology, 2012, 2012, 1-10.  | 3.0         | 85        |
| 7  | A simplified multiplex PCR assay for fast and easy discrimination of globally distributed staphylococcal cassette chromosome mec types in meticillin-resistant Staphylococcus aureus. Journal of Medical Microbiology, 2010, 59, 1135-1139.  | 0.7         | 79        |
| 8  | In Vitro Investigation of Antifungal Activity of Allicin Alone and in Combination with Azoles Against Candida Species. Mycopathologia, 2010, 169, 287-295.   | 1.3         | 66        |
| 9  | The Prevalence of ESBLs Producing Klebsiella pneumoniae Isolates in Some Major Hospitals, Iran. Open<br>Microbiology Journal, 2011, 5, 91-95.  | 0.2         | 63        |
| 10 | Emergence of SCCmec type III with variable antimicrobial resistance profiles and spa types among methicillin-resistant Staphylococcus aureus isolated from healthcare- and community-acquired infections in the west of Iran. International Journal of Infectious Diseases, 2014, 25, 152-158. | <b>1.</b> 5 | 56        |
| 11 | Improved method for the isolation of RNA from bacteria refractory to disruption, including S. aureus producing biofilm. Gene, 2012, 494, 219-224.  | 1.0         | 55        |
| 12 | Comparison between allicin and fluconazole in Candida albicans biofilm inhibition and in suppression of HWP1 gene expression. Phytomedicine, 2011, 19, 56-63.  | 2.3         | 48        |
| 13 | Methicillin-susceptible Staphylococcus aureus from clinical and community sources are genetically diverse. International Journal of Medical Microbiology, 2011, 301, 347-353.  | 1.5         | 43        |
| 14 | Wide Distribution of Virulence Genes among <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> Clinical Isolates. Scientific World Journal, The, 2014, 2014, 1-6.   | 0.8         | 38        |
| 15 | Comparative Characterisation of Genotypically Different Clones of MRSA in the Production of Biofilms. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-7.   | 3.0         | 37        |
| 16 | Novel molecular, cytotoxical, and immunological study on promising and selective anticancer activity of Mung bean sprouts. BMC Complementary and Alternative Medicine, 2012, 12, 208.  | 3.7         | 37        |
| 17 | Comparison between efficacy of allicin and fluconazole against Candida albicans in vitro and in a systemic candidiasis mouse model. FEMS Microbiology Letters, 2011, 315, 87-93.   | 0.7         | 36        |
| 18 | Chemical Composition and Antibacterial and Cytotoxic Activities of <i>Allium hirtifolium </i> BioMed Research International, 2013, 2013, 1-8.  | 0.9         | 35        |

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|----|--|-----|-----------|
| 19 | Cell Culture, Technology: Enhancing the Culture of Diagnosing Human Diseases. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, DE01-5.  | 0.8 | 33        |
| 20 | Toxin-antitoxin Systems: Classification, Biological Function and Application in Biotechnology. Current Issues in Molecular Biology, 2014, 16, 9-14.  | 1.0 | 33        |
| 21 | Leptospirosis in human: Biomarkers in host immune responses. Microbiological Research, 2018, 207, 108-115.   | 2.5 | 30        |
| 22 | Comparative proteomic analysis of extracellular proteins expressed by various clonal types of Staphylococcus aureus and during planktonic growth and biofilm development. Frontiers in Microbiology, 2015, 6, 524.                                   | 1.5 | 29        |
| 23 | Novel antiviral activity of mung bean sprouts against respiratory syncytial virus and herpes simplex virus $\hat{a}$ °1: an in vitro study on virally infected Vero and MRC-5 cell lines. BMC Complementary and Alternative Medicine, 2015, 15, 179. | 3.7 | 29        |
| 24 | Hepatitis E Virus: An emerging enigmatic and underestimated pathogen. Saudi Journal of Biological Sciences, 2022, 29, 499-512.   | 1.8 | 29        |
| 25 | Molecular characterization of pathogenic Leptospira sp. in small mammals captured from the human leptospirosis suspected areas of Selangor state, Malaysia. Acta Tropica, 2018, 188, 68-77.  | 0.9 | 28        |
| 26 | Leptospira interrogans and Leptospira kirschneriÂare the dominant Leptospira species causing human leptospirosis in Central Malaysia. PLoS Neglected Tropical Diseases, 2020, 14, e0008197.  | 1.3 | 28        |
| 27 | Antibacterial Activity of Marine Source Extracts Against Multidrug Resistance Organisms. American Journal of Pharmacology and Toxicology, 2010, 5, 95-102.   | 0.7 | 25        |
| 28 | Incidence of extended-spectrum beta-lactamase-producing Klebsiella pneumoniae in patients with urinary tract infection. Sao Paulo Medical Journal, 2012, 130, 37-43.   | 0.4 | 25        |
| 29 | Novel anticancer activity and anticancer mechanisms of Brassica oleracea L. var. capitata f. rubra. European Journal of Integrative Medicine, 2013, 5, 450-464.  | 0.8 | 21        |
| 30 | Genotypically Different Clones of Staphylococcus aureus Are Diverse in the Antimicrobial Susceptibility Patterns and Biofilm Formations. BioMed Research International, 2013, 2013, 1-10.  | 0.9 | 21        |
| 31 | Highâ€risk human papillomavirus infection in different histological subtypes of renal cell carcinoma.<br>Journal of Medical Virology, 2014, 86, 1134-1144.   | 2.5 | 20        |
| 32 | Diagnostic accuracy of rapid diagnostic tests for the early detection of leptospirosis. Journal of Infection and Public Health, 2019, 12, 263-269.   | 1.9 | 20        |
| 33 | The mazEF toxin-antitoxin system as a novel antibacterial target in Acinetobacter baumannii. Memorias<br>Do Instituto Oswaldo Cruz, 2014, 109, 502-505.  | 0.8 | 18        |
| 34 | Leptospirosis: Molecular trial path and immunopathogenesis correlated with dengue, malaria and mimetic hemorrhagic infections. Acta Tropica, 2017, 176, 206-223.   | 0.9 | 18        |
| 35 | A Review: Cancer Research of Natural Products in Asia. International Journal of Cancer Research, 2009, 5, 69-82.   | 0.2 | 17        |
| 36 | Circulation of Human Respiratory Syncytial Virus Strains among Hospitalized Children with Acute Lower Respiratory Infection in Malaysia. Evolutionary Bioinformatics, 2013, 9, EBO.S10999.   | 0.6 | 16        |

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|----|---|-----|-----------|
| 37 | Antibody and immune memory persistence post infant hepatitis B vaccination. Patient Preference and Adherence, 2013, 7, 981.   | 0.8 | 16        |
| 38 | First Molecular Epidemiology Study of Mycobacterium tuberculosis in Kiribati. PLoS ONE, 2013, 8, e55423.  | 1.1 | 16        |
| 39 | An outbreak of leptospirosis among reserve military recruits, Hulu Perdik, Malaysia. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 523-528.  | 1.3 | 16        |
| 40 | Combined PCR and MAT improves the early diagnosis of the biphasic illness leptospirosis. PLoS ONE, 2020, 15, e0239069.  | 1.1 | 16        |
| 41 | Systemic antibody response to nano-size calcium phospate biocompatible adjuvant adsorbed HEV-71 killed vaccine. Clinical and Experimental Vaccine Research, 2015, 4, 88.  | 1.1 | 15        |
| 42 | A systematic review of the epidemiology of Hepatitis E virus infection in South $\hat{a} \in \text{``Eastern Asia.'}$ Virulence, 2021, 12, 114-129.   | 1.8 | 15        |
| 43 | Small interfering RNA silencing of interleukin-6 in mesenchymal stromal cells inhibits multiple myeloma cell growth. Leukemia Research, 2016, 40, 44-53.  | 0.4 | 14        |
| 44 | A potential marker in brucellosis, long non coding RNA IFNG-AS1. Molecular Biology Reports, 2019, 46, 6495-6500.  | 1.0 | 14        |
| 45 | Biodiversity and clinico-demographic characteristics of human rhinoviruses from hospitalized children with acute lower respiratory tract infections in Malaysia. Journal of Clinical Virology, 2013, 58, 671-677. | 1.6 | 13        |
| 46 | mec-associated dru typing in the epidemiological analysis of ST239 MRSA in Malaysia. European Journal of Clinical Microbiology and Infectious Diseases, 2011, 30, 1365-1369.                                      | 1.3 | 12        |
| 47 | Molecular and serological detection of occult hepatitis B virus among healthy hepatitis B surface antigen-negative blood donors in Malaysia. African Health Sciences, 2016, 16, 677.                              | 0.3 | 12        |
| 48 | Tailoring drug co-delivery nanosystem for mitigating U-87 stem cells drug resistance. Drug Delivery and Translational Research, 2022, 12, 1253-1269.  | 3.0 | 12        |
| 49 | Phenotypic and genotypic characteristics of tetracycline resistant Acinetobacter baumannii isolates from nosocomial infections at Tehran hospitals. Iranian Journal of Basic Medical Sciences, 2014, 17, 21-6.    | 1.0 | 12        |
| 50 | An Overview of Hepatitis B Virus Surface Antigen Mutant in the Asia Pacific. Current Issues in Molecular Biology, 2014, 16, 69-78.  | 1.0 | 12        |
| 51 | The mazEF toxin–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        |
| 52 | Gene expression patterns induced at different stages of rhinovirus infection in human alveolar epithelial cells. PLoS ONE, 2017, 12, e0176947.  | 1.1 | 11        |
| 53 | Microhabitat Factors Influenced the Prevalence of Pathogenic Leptospira spp. in Small Mammal Host.<br>EcoHealth, 2019, 16, 260-274.   | 0.9 | 11        |
| 54 | Expression analysis of SIR2 and SAPs1-4 gene expression in Candida albicans treated with allicin compared to fluconazole. Tropical Biomedicine, 2011, 28, 589-98.   | 0.2 | 11        |

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| 55 | First community-acquired meticillin-resistant Staphylococcus aureus in Malaysia. Journal of Medical Microbiology, 2008, 57, 1180-1181.   | 0.7 | 10        |
| 56 | Surface display of respiratory syncytial virus glycoproteins in Lactococcus lactis NZ9000. Letters in Applied Microbiology, 2010, 51, 658-664.   | 1.0 | 9         |
| 57 | Development of enhanced antibody response toward dual delivery of nano-adjuvant adsorbed human <i>Enterovirus-71</i> vaccine encapsulated carrier. Human Vaccines and Immunotherapeutics, 2015, 11, 2414-2424. | 1.4 | 9         |
| 58 | Plasma proteome profiling reveals differentially expressed lipopolysaccharide-binding protein among leptospirosis patients. Journal of Microbiology, Immunology and Infection, 2020, 53, 157-162.              | 1.5 | 9         |
| 59 | Genomic Diversity and Virulence Genes among Clinical Isolates of Pseudomonas aeruginosa. Clinical Laboratory, 2014, 60, 363-7.   | 0.2 | 9         |
| 60 | Methicillin-resistant Staphylococcus aureus. Reviews in Medical Microbiology, 2015, 26, 1-7.   | 0.4 | 8         |
| 61 | Diversity of respiratory viruses detected among hospitalized children with acute lower respiratory tract infections at Hospital Serdang, Malaysia. Journal of Virological Methods, 2019, 269, 1-6.             | 1.0 | 8         |
| 62 | Use of RAPD to investigate the epidemiology of Staphylococcus aureus infection in Malaysian hospitals. World Journal of Microbiology and Biotechnology, 2005, 21, 245-251.                                     | 1.7 | 7         |
| 63 | Naturally occurring hepatitis B virus surface antigen mutant variants in Malaysian blood donors and vaccinees. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 1349-1359.         | 1.3 | 7         |
| 64 | The Role of Subinhibitory Concentrations of Daptomycin and Tigecycline in Modulating Virulence in Staphylococcus aureus. Antibiotics, 2021, 10, 39.  | 1.5 | 7         |
| 65 | Is the mazEF toxin-antitoxin system responsible for vancomycin resistance in clinical isolates of Enterococcus faecalis?. GMS Hygiene and Infection Control, 2014, 9, Doc05.                                   | 0.2 | 7         |
| 66 | &#xOD; Application of Proteomics in Lab Diagnosis. Clinical Laboratory, 2013, 59, .  | 0.2 | 7         |
| 67 | Ex Vivo Evaluation of Thymus daenensis as an Antioxidant and Antibacterial Medicinal Herb. Drug<br>Research, 2016, 66, 657-659.  | 0.7 | 6         |
| 68 | Extended-Spectrum ß-Lactamases-Producing Escherichia colifrom a Tertiary Hospital in Malaysia:<br>Emergence of CTX-M-Type ß-Lactamases Variation. Research Journal of Microbiology, 2008, 3, 489-493.          | 0.2 | 6         |
| 69 | Predictors of severe leptospirosis: a multicentre observational study from Central Malaysia. BMC Infectious Diseases, 2021, 21, 1081.  | 1.3 | 6         |
| 70 | Epstein–Barr virus infection is associated with the nuclear factor-kappa B p65 signaling pathway in renal cell carcinoma. BMC Urology, 2022, 22, 17.   | 0.6 | 6         |
| 71 | Detection and characterization of viruses causing hand, foot and mouth disease from children in Seri<br>Kembangan, Malaysia. Tropical Biomedicine, 2014, 31, 654-62.   | 0.2 | 6         |
| 72 | Is Candida albicans a cause of nosocomial infection in Iran?. Reviews in Medical Microbiology, 2013, 24, 85-88.  | 0.4 | 5         |

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| 73 | Design and validation of small interfering RNA on respiratory syncytial virus M2-2 gene: A potential approach in RNA interference on viral replication. Journal of Virological Methods, 2016, 236, 117-125.           | 1.0 | 5         |
| 74 | Hepatitis E virus isolated from chronic hepatitis B patients in Malaysia: Sequences analysis and genetic diversity suggest zoonotic origin. Alexandria Journal of Medicine, 2018, 54, 487-494.                        | 0.4 | 5         |
| 75 | Acquisition of HIV by African-Born Residents of Victoria, Australia: Insights from Molecular Epidemiology. PLoS ONE, 2013, 8, e84008.   | 1.1 | 5         |
| 76 | Isolated hepatitis B core antibody positive among vaccinated cohort in Malaysia. Annals of Saudi Medicine, 2013, 33, 591-594.   | 0.5 | 5         |
| 77 | Application of proteomics in lab diagnosis. Clinical Laboratory, 2013, 59, 465-74.  | 0.2 | 5         |
| 78 | 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         |
| 79 | Genetic diversity of hepatitis B co-infection with hepatitis C, D and E viruses among Malaysian chronic hepatitis B patients. African Health Sciences, 2018, 18, 1117.  | 0.3 | 4         |
| 80 | Raised levels of Il-6, Il-17a, and Il-22 in fatal leptospirosis. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 2349-2353.  | 1.3 | 4         |
| 81 | Significant Clinical Presentation of Leptospirosis in Relation to Sociodemographic and Risk Factors in a Tertiary Hospital, Malaysia. Vector-Borne and Zoonotic Diseases, 2020, 20, 268-274.                          | 0.6 | 4         |
| 82 | Quantitative Hepatitis B e Antigen: A Better Predictor of Hepatitis B Virus DNA than Quantitative Hepatitis B Surface Antigen. Clinical Laboratory, 2018, 64, 443-449.  | 0.2 | 4         |
| 83 | In vivo and in silico Virulence Analysis of Leptospira Species Isolated From Environments and Rodents in Leptospirosis Outbreak Areas in Malaysia. Frontiers in Microbiology, 2021, 12, 753328.                       | 1.5 | 4         |
| 84 | Comparative analysis of biofilm development among MRSA and MSSA strains. Roumanian Archives of Microbiology and Immunology, 2012, 71, 175-82.   | 0.1 | 4         |
| 85 | Extended-Spectrum Beta-Lactamases Producing Klebsiella Species Isolated from Several Major<br>Hospitals in Iran. European Journal of Inflammation, 2012, 10, 269-278.   | 0.2 | 3         |
| 86 | Overexpression of Recombinant Lipase from Burkholderia Cepacia in Escherichia Coli. European Journal of Inflammation, 2012, 10, 365-369.  | 0.2 | 3         |
| 87 | Detection of human coronavirus strain HKU1 in a 2 years old girl with asthma exacerbation caused by acute pharyngitis. Virology Journal, 2012, 9, 142.  | 1.4 | 3         |
| 88 | Inhibition of Autophagy Does Not Affect Innate Cytokine Production in Human Lung Epithelial Cells During Respiratory Syncytial Virus Infection. Viral Immunology, 2021, 34, 421-426.                                  | 0.6 | 3         |
| 89 | Pulmonary haemorrhage as the earliest sign of severe leptospirosis in hamster model challenged with Leptospira interrogans strain HP358. PLoS Neglected Tropical Diseases, 2022, 16, e0010409.                        | 1.3 | 3         |
| 90 | Optimized antibacterial measures against Escherichia coli O157:H7 and Staphylococcus aureus. African Journal of Microbiology Research, 2011, 5, 3113-3121.  | 0.4 | 2         |

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| 91  | Presence of oncogenic viruses (EBV, HHV-6, BKV and JCV) DNA sequences in renal cell carcinoma. International Journal of Infectious Diseases, 2012, 16, e80.  | 1.5 | 2         |
| 92  | Hypocalcemia, hypochloremia, and eosinopenia as clinical predictors of leptospirosis: A retrospective study. Journal of Infection and Public Health, 2020, 13, 216-220.  | 1.9 | 2         |
| 93  | Bioinformatics analysis of rhinovirus capsid proteins VP1-4 sequences for cross-serotype vaccine development. Journal of Infection and Public Health, 2021, 14, 1603-1611.   | 1.9 | 2         |
| 94  | Extended Spectrum Beta-Lactamases Among Hospitalized Patients in Surgery Wards, Ilam, Iran. Journal of Microbial & Biochemical Technology, 2011, 03, .   | 0.2 | 2         |
| 95  | Comparative analysis of current diagnostic PCR assays in detecting pathogenic Leptospira isolates from environmental samples. Asian Pacific Journal of Tropical Medicine, 2019, 12, 472.   | 0.4 | 2         |
| 96  | In vitro and in vivo antibacterial activity of acorn herbal extract against some Gram-negative and Gram-positive bacteria. Roumanian Archives of Microbiology and Immunology, 2011, 70, 149-52.  | 0.1 | 2         |
| 97  | Influenza vaccination among Malaysian healthcare workers: a survey of coverage and attitudes.<br>Medical Journal of Malaysia, 2016, 71, 231-237.   | 0.2 | 2         |
| 98  | Impact of IsaA Gene Disruption: Decreasing Staphylococcal Biofilm and Alteration of Transcriptomic and Proteomic Profiles. Microorganisms, 2022, 10, 1119.   | 1.6 | 2         |
| 99  | Predominance of Staphylococcal Cassette Chromosome Mec (SCCmec) Type V Among<br>Methicillin-Resistant Staphylococcus aureus (MRSA) in a Tertiary Hospital in Malaysia. International<br>Journal of Infectious Diseases, 2008, 12, e269-e270. | 1.5 | 1         |
| 100 | Antimicrobial Pattern and Clonal Dissemination of Extended-Spectrum Beta-Lactamase Producing & lt; i> Klebsiella Spp< i> Isolates. American Journal of Infectious Diseases, 2010, 6, 110-121.  | 0.1 | 1         |
| 101 | Glycosylation is not necessary for recognition of the fusion glycoprotein domain of the Human respiratory syncytial virus by a polyclonal antibody. Acta Virologica, 2010, 54, 181-187.  | 0.3 | 1         |
| 102 | Short hairpin RNA silencing of interleukin-6 in human bone marrow-derived mesenchymal stromal cells inhibits multiple myeloma cell growth. Pathology, 2016, 48, S99.   | 0.3 | 1         |
| 103 | Elevated levels of IL-8 in fatal leptospirosis. Pathogens and Global Health, 2020, 114, 99-103.  | 1.0 | 1         |
| 104 | <i>In-Vitro</i> Evaluation of Chitosan's Capacity in Delivering Calcium Phosphate Nano-Adjuvant: A Novel Mucosal Vaccine Carrier. Journal of Chitin and Chitosan Science, 2014, 2, 259-266.  | 0.3 | 1         |
| 105 | Epidemiological alteration in pathogens found in ground meat in Iran: unexpected predominance of vancomycin-resistant Enterococcus faecalis. GMS Hygiene and Infection Control, 2015, 10, Doc12.   | 0.2 | 1         |
| 106 | Dynamics of the bacterially expressed conserved immunogenic region of the human respiratory syncytial virus G protein. Biotechnology and Applied Biochemistry, 2011, 58, 97-102.   | 1.4 | 0         |
| 107 | Toxin antitoxin system as an antimicrobial target for antibiotic resistant Staphylococcus aureus.<br>International Journal of Infectious Diseases, 2014, 21, 90.   | 1.5 | 0         |
| 108 | Interleukin-6 Silencing in Mesenchymal Stromal Cells by Adenovirus-Based Short Hairpin RNA Inhibits Multiple Myeloma Cell Growth. Cytotherapy, 2016, 18, S25.  | 0.3 | 0         |

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|-----|---|-----|-----------|
| 109 | Genomic data of Leptospira interrogans HP358 isolated from rodent captured from the human leptospirosis suspected areas of Selangor state, Malaysia. Data in Brief, 2021, 37, 107261.             | 0.5 | 0         |
| 110 | Partial genes expression assessment of two-component regulation system ArlR and SigB towards Staphylococcus aureus survival in vitro. African Journal of Microbiology Research, $2011, 5, \ldots$ | 0.4 | 0         |
| 111 | Monitoring the Release of Human Enterovirus-71 Encapsulated Mucosal Carriers: A Novel Vaccine In-Vitro Optimizing Protocol. Journal of Nanopharmaceutics and Drug Delivery, 2014, 2, 199-208.     | 0.3 | 0         |