

## INTERNATIONAL AND NATIONAL PUBLICATIONS IN PEER REVIEWED JOURNALS

### 1. INTERNATIONAL

No	1985	Impact Factor	Citation Index
1	<b>ISMAIL, A.</b> , G.W. Bedell, and D.M. Lupan. 1985. Siderophore production by the pathogenic yeast, <i>Candida albicans</i> . <i>Biochem. Biophys. Res. Comm.</i> <b>130</b> : 885-891.	2.648	71
2	<b>ISMAIL, A.</b> , G.W. Bedell, and D.M. Lupan. 1985. Effect of temperature on the siderophore production by <i>Candida albicans</i> . <i>Biochemical and Biophysical Res Comm.</i> <b>132</b> : 1160-1165.	2.648	15
3	<b>ISMAIL, A</b> , D.M. Lupan and Bedell, G.W. 1985, Effects of elevated temperature and cations on the growth phenotypic development and siderophore production of <i>Candida albicans</i> . Abstracts of the Annual Meeting of the American Society for Microbiology 85: 375	-	-
No	1986	Impact Factor	Citation Index
4	<b>ISMAIL, A.</b> , G.W. Bedell. 1986. Effect of elevated temperatures and low levels of trace metals on the growth and phenotypic development of <i>Candida albicans</i> . <i>Mycopathologia</i> <b>94</b> : 45-51.	1.728	9
5	<b>ISMAIL , A.</b> , and D.M. Lupan. 1986. Utilization of siderophores by <i>Candida albicans</i> . <i>Mycopathologia</i> <b>96</b> : 109-113.	1.728	28
6	Mechanism of iron uptake by the pathogenic yeast, <i>Candida albicans</i> A Ismail Nevada Univ., Reno (USA) (Thesis PhD)	-	-
No	1988	Impact Factor	Citation Index
7	<b>ISMAIL, A.</b> 1988. Siderophore production by <i>Salmonella typhi</i> . <i>Biochem. Biophys. Res. Comm.</i> <b>150(1)</b> : 18-24.	2.648	5
8	<b>ISMAIL, A.</b> 1988. An update on diarrhoeal diseases in Malaysia. <i>Southeast Asian J. Trop. Med. Pub. Hlth.</i> <b>19</b> (3): 397-400.	0	4
9	<b>ISMAIL, A</b> , and Lupan, D.M. 1988. Tentative Identification and Location of a Putative Ferri-siderophore receptor in <i>Candida albicans</i> . <i>Abstracts of the Annual Meeting of the American Society for Microbiology</i> <b>88</b> : 403	-	-
No	1990	Impact Factor	Citation Index
10	<b>ISMAIL, A.</b> 1990. Effect of temperature on growth and siderophore production by <i>Salmonella typhi</i> . <i>Trop. Biomed.</i> <b>7</b> : 59-63.	0.590	-
No	1991	Impact Factor	Citation Index

11	<b>ISMAIL, A.</b> , Ong, K.H., Abdul Kader,Z. 1991. Demonstration of an antigenic protein specific for <i>Salmonella typhi</i> . <i>Biochememical and Biophysical Res. Comm.</i> <b>181</b> : 301-305.	2.648	38
12	Basheer, R.H., and <b>ISMAIL, A.</b> 1991. Influence of iron-deprivation and fever temperatures on the in vitro susceptibility of <i>Salmonella typhi</i> to antibiotics used in the treatment of typhoid. <i>Trop. Biomed.</i> <b>8</b> : 105-112.	0.590	-
13	Ong K.H., <b>ISMAIL, A.</b> , Abdul Kader,Z, Choo, K.E. 1991.Clinical field trials on the EIA dotblot for the diagnosis of typhoid fever.In: <i>Typhoid fever: Strategies for the 90's</i> . World Scientific Publishing, Singapore and London. p.207-214.		0
14	<b>ISMAIL, A.</b> , Abdul Kader, Z and Ong, K.H. 1992. Dot enzyme immunosorbent assay for the serodiagnosis of typhoid fever. <i>Southeast Asian J.Trop. Med. Pub.Hlth.</i> <b>22</b> : 563-566.	0	52
<b>No</b>	<b>1992</b>	<b>Impact Factor</b>	<b>Citation Index</b>
15	<b>ISMAIL, A.</b> , Ong K.H. & Abdul Kader,Z. 1992. Development of a dot EIA for the rapid diagnosis of typhoid fever. In: <i>Typhoid fever: Strategies for the 90's</i> . World Scientific Publishing, Singapore and London. p.201-206.	-	8
17	Choo, K.E., Ong, K.H., <b>ISMAIL, A.</b> 1992 Diagnosis of typhoid fever - a clinician's dilemma In: <i>Typhoid fever: Strategies for the 90's</i> . World Scientific Publishing, Singapore and London. p.215.	-	8
<b>No</b>	<b>1994</b>	<b>Impact Factor</b>	<b>Citation Index</b>
18	K.E. Choo, S.J. Oppenheimer, <b>ISMAIL, A.</b> ,AB; et al. 1994. Rapid serodiagnosis of typhoid fever by dot enzyme immunoassay in an endemic area. <i>Clin. Infect. Dis.</i> <b>19</b> : 172-176.	8.266	72
19	<b>ISMAIL, A.</b> ,Ong, K.H., Choo, K.E., Abdul Kader, Z., Tuan Ibrahim,T.A. 1994. Recent developments in the diagnosis of typhoid fever. Proceedings 4th Western Pacific Congress on Chemotherapy and Infectious diseases. Supplement to <i>JAMA Southeast Asia</i> , 10(3): 321-323.	-	2
<b>No</b>	<b>1995</b>	<b>Impact Factor</b>	<b>Citation Index</b>
20	Jackson, <b>ISMAIL,A</b> , T.Afifah Tuan Ibrahim,T.A., Abdul Kader,Z and Mohd. Nawi, N. 1995. Retrospective review of dot enzyme immunosorbent assay test for typhoid fever in an endemic area. <i>Southeast Asian J.Trop. Med. Pub. Hlth.</i> <b>26</b> :625-630	-	26
<b>No</b>	<b>1997</b>	<b>Impact Factor</b>	<b>Citation Index</b>

21	Choo,K.E., TME Davies, <b>ISMAIL,A</b> , and K.H. Ong. 1997. Longevity of antibody responses to a <i>Salmonella typhi</i> - specific outer membrane protein: Interpretation of a dot Enzyme immunosorbent assay in an area of high typhoid fever endemicity. <i>Am. J.Trop Med and Hygiene</i> 57(6):656-659	2.795	22
<b>No</b>	<b>1998</b>	<b>Impact Factor</b>	<b>Citation Index</b>
22	Sher Malik, A.S., <b>ISMAIL, A</b> , Pennie, R.A and Naidu, J.V. 1998.Susceptibility pattern of <i>Streptococcus pneumoniae</i> among pre-school in Kota Bharu, Malaysia. <i>J. Trop Paed.</i> <b>44</b> : 10-14.	1.224	12
23	<b>ISMAIL, A</b> , T.A Tuan Ibrahim, K.E.Choo, and W.N. Wan Ghazali. 1998. Recent advances in the Rapid serodiagnosis of typhoid <i>Medical Journal of Indonesia</i> , <u>7</u> (supplement 1) : 39-43.	-	1
24	Comparative sensitivity and specificity of typhidot and typhidot-M tests in the diagnosis of enteric fever in Malaysian children KE Choo, TME Davis, A Ismail, TAT Ismail, WNW Ghazali Medical Journal of Indonesia 7, 284	-	2
<b>No</b>	<b>1999</b>	<b>Impact Factor</b>	<b>Citation Index</b>
25	Choo, KE., TME Davies, <b>ISMAIL, A</b> , T.A. Tuan Ibrahim and W.N. W Ghazali. 1999. Rapid and reliable serological diagnosis of enteric fever: comparative sensitivity and specificity of Typhidot and Typhidot-M tests in febrile Malaysian children. <i>Acta Tropica.</i> 72:175-183.	1.707	81
<b>No</b>	<b>2001</b>	<b>Impact Factor</b>	<b>Citation Index</b>
26	DNA sequence encoding the specific and antigenic outer membrane protein of salmonella typhi <b>A Ismail</b> , O Hai, M Ravichandran, ZA Kader, , ZA Kader US Patent App. 09/794,098	-	-
<b>No</b>	<b>2006</b>	<b>Impact Factor</b>	<b>Citation Index</b>
27	Azni A.M., Zurayani Z., Thiruchelvan N., Haslizai H., Nurainey A., Norazlina D., Shafiqul A.H.M., Rabail N., Amy A.A. and <b>ASMA I.</b> (2006). Development of A Dot Enzyme Immunoassay (EIA) for the Acute Detection of Nosocomial Infections Due to <i>Acinetobacter Baumannii</i> , <i>The Malaysian Journal of Medical Sciences</i> , Vol 13, Suppl 1.	-	0
<b>No</b>	<b>2007</b>	<b>Impact Factor</b>	<b>Citation Index</b>
28	Aziah, I; Ravichandran, M. and <b>ISMAIL, A.</b> 2007. Amplification of ST50 gene using dry-reagent-based PCR for the detection of <i>Salmonella Typhi</i> . <i>Diagnostic Microbiology and Infectious Diseases</i> <b>59</b> : 373-377. Doi: 10.1016/j.diagmicrobio.2007.05.014	2.7	50

29	<b>ISMAIL, A.</b> 2007. Value creation in the Knowledge economy: A Malaysian experience in diagnostics. Proceedings Intellectual Property and Innovation: Value creation in the Knowledge Economy. <i>Pakistan Academy of Sciences (accepted for publication)</i>	-	-
30	Chun, L.H., Ahmad, A.L., Shukor, S.A., <b>ISMAIL, A.</b> 2007. Synthesis and characterization of polymeric nitrocellulose membrane. Influence of additive and pore former on membrane morphology. <i>J.Applied Polymer Science. Doi 10.1002/app.27592.</i>	1.306	5
31	Design and Fabrication of a chip based DNA PCR system. 2007. AD Sugumar, L.X. Kong, <b>ISMAIL, A.</b> MEMS Technology and Devices. (ISBN 978-981-270-960-8)	-	-
32	A.L. Ahmad, S.C. Low, S.R. Abd Shukor, <b>A. ISMAIL</b> (2007). Preparation and characterization of various membrane morphologies for lateral flow immunoassay development, <i>Journal of Applied Membrane Science and Technology</i> , 5 : 23-29	-	-
33	Baseline assessment of intensive care-acquired nosocomial infection surveillance in three adult intensive care units in Malaysia. Gopal-Katherason, S, Naing, L, Jaalam, K, Asma I <i>Journal Infect Developing Countries</i> 2 (5), 364-368	-	5
<b>No</b>	<b>2008</b>	<b>Impact Factor</b>	<b>Citation Index</b>
34	Yean, Chan; Kamarudin, Balqis; Ozkan Ariksoysal, Dilsat; Su Yin, Lee; Lalitha, Pattabhiraman; <b>ISMAIL, ASMA</b> ; Ozsoz, Mehmet; Ravichandran, Manickam. 2008 Enzyme-linked amperometric Electrochemical genosensor assay for the detection of PCR amplicons on a streptavidin-treated screen-printed carbon electrode. <i>Journal: Analytical Chemistry, 80: 2774-2779, Doi: 10.1021/ac702333x.</i>	5.86	46
35	P. Lalitha, M.N. Siti Suraiya, K.L. Lim, S.Y. Lee, A.R. Nur Haslindawaty, Y.Y. Chan, <b>ASMA ISMAIL</b> , Zainul F. Zainuddin, M. Ravichandran. 2008 Analysis of IolB gene sequence and its use in the development of a PCR assay for the detection of <i>Vibrio cholerae</i> . <i>Journal of Microbiologica Methods. 75: 142-144, doi:10.1016/j.mimet. 2008.05.001.</i>	2.153	44
36	Supaetchmi Gopal Katherason, Lin Naing, Kamaruddin Jaalam, <b>ASMA ISMAIL</b> . 2008. Baseline assessment of intensive care-acquired nosocomial infection surveillance in three adult intensive care units in Malaysia. <i>Journal Infect Developing Countries</i> 2008; 2(5):364-368.	1.19	17

37	A.L. Ahmad, S.C. Low, S.R. Abd Shukor, <b>A. ISMAIL</b> (2008). Synthesis and Characterization of Polymeric Nitrocellulose Membranes: Influence of Additives and Pore Former on Membrane Morphology, <i>Journal of Applied Polymer Science</i> , <b>108</b> , 2550 – 2557. Doi: 10.1002/app.27592.	1.203	28
<b>No</b>	<b>2009</b>	<b>Impact Factor</b>	<b>Citation Index</b>
38	Prabha Balaram, Phua Kia Kien, <b>ASMA ISMAIL</b> . Toll-Like Receptors (TLRs) and Cytokines in Immune Responses to Persistent Mycobacterial and <i>Salmonella</i> Infections: <i>International Journal of Medical Microbiology</i> , <b>299</b> (3):177-185, Doi:10.1016/j.ijmm.2008.08.004	3.486	14
39	A.L. Ahmad, S.C. Low, S.R. Abd Shukor, <b>A.ISMAIL</b> . 2009.Optimization of membrane performance by thermal-mechanical stretching process using responses surface methadology (RSM). <i>Separation and Purification Technology</i> <b>66</b> : 177 – 186. Doi: 10.1016/j.seppur.2008.11.007	2.503	61
40	A.L. Ahmad,S.C.Low,S.R.Abd Shukor, <b>A.ISMAIL</b> . 2009. Morphological and Thermal-Mechanical Stretching Properties on Polymeric Lateral Flow Nitrocellulose Membrane. <i>Industrial and Engineering Chemistry Research</i> <b>48</b> (7), pp.3417-3424. Doi 10.1021/ie801282t	1.895	10
41	D. Sugumar, Ashraf, M. A, Kong, L.X, <b>ISMAIL, A.</b> 2009. Thermal analysis of an oscillating flow polymerase ( <i>Accepted, Journal of Heat Transfer</i> ), 2009	1.421	-
42	Supaetchimi Gopal Katherason, Lin Naing, Kamarudin Jaalam, Kamarul Imran Musa, Nik Abdullah Nik Mohamad, Subramaniam Aiyar, Kavita Bhojwani, Najah Harussani, Aisai Abdul Rahman, <b>ASMA ISMAIL</b> . 2009.Ventilator-associated nosocomial pneumonia in intensive care unis in Malaysia. <i>J Infect Dev Countries</i> 2009; <b>3</b> (9):704 – 710.	1.19	43
43	A.L. Ahmad, S.C. Low, S.R. Abd Shukor, <b>A. ISMAIL</b> (2009). Development of Lateral Flow Membranes for Immunoassay Separation, <i>Desalination and Water Treatment</i> , <b>5</b> , 99 – 105.	-	5

44	A.L. Ahmad, S.C. Low, S.R. Abd Shukor, <b>A. ISMAIL</b> (2009). Optimization of Membrane Formulation and Process Variables via Crossed-Design Concept in Design of Experimental (DOE), <i>Separation Science and Technology</i> , 44(12), 2870 – 2893. Doi: 10.1080/01496390903014573	1.028	-
45	Gopal Katherason Supaletchimi; Naing Lin; Jaalam Kamarudin; Imran Musa Kamarul; Nik Mohamad Nik Abdullah; Aiyar Subramaniar; Bhojani Kavita; Harussani Najah; Abdul Rahman Aisai; <b>ISMAIL ASMA</b> 2010. Hand decontamination practices and the appropriate use of gloves in two adult intensive care units in Malaysia <i>J Infect Developing Countries</i> .2010. 4 (2): 118-123	1.19	30
<b>No</b>	<b>2010</b>	<b>Impact Factor</b>	<b>Citation Index</b>
46	Gopal Katherason Supaletchimi; Naing Lin; Jaalam Kamarudin; Imran Musa Kamarul; Nik Mohamad Nik Abdullah; Aiyar Subramaniar; Bhojani Kavita; Harussani Najah; Abdul Rahman Aisai; <b>ISMAIL, ASMA</b> . Prospective surveillance on nosocomial device associated bacteremia in three adult intensive units in Malaysia . Aug.2010. <i>J Tropical Biomedicine</i> , vol <b>27</b> (2) :308-316.	0.649	15
47	D. Sugumar, <b>ASMA ISMAIL</b> , Manickam Ravichandran, Ismail Aziah and L.X. Kong. 2010. Amplification of SPPS150 and Salmonella typhi DNA with a high throughput oscillating flow polymerase chain reaction device. <b>Biomicrofluidics</b> 4 (2) Doi: 10.1063/1.3422524	3.37	11
48	Zainoodin,S.A.K. and <b>ISMAIL,A.</b> 2010. An improved dot enzyme immunoassay for serodiagnosis of melioidosis . Int journal Infect. Diseases. <b>14</b> : E356-E356. Doi: 10.1016/j.ijid.2010.02.412.	2.167	-
49	Ahmad, A.L., Low, S.C., Abd. Shukor, S.R., <b>ISMAIL, A.</b> and Fernando, W.J.N. 2010. Hindered Diffusion in Lateral Flow Nitrocellulose Membrane: Experimental and Modeling Studies, <i>Journal of Membrane Science</i> 357: 178-184. Doi: 10.1016/j.memsci.2010.04.018	3.203	10
50	Ahmad, A.L., Low, S.C., Abd. Shukor, S.R., <b>ISMAIL, A.</b> and Fernando, W.J.N. (2010). Development of Lateral Flow Immunoassay via Membranes Morphologies and Quantity of Immobilised Protein, <i>Journal of Chromatography B</i> [Communicated].	-	0

51	Kirnpal-Kaur Banga Singh, WA Wan- Nurfahizul-Izzati, <b>ASMA ISMAIL</b> . Serum neopterin is elevated in patients infected with Shigella. <i>Gut Pathogens</i> 2010,2 (1): 9	2.11	8
<b>No</b>	<b>2011</b>	<b>Impact Factor</b>	<b>Citation Index</b>
52	Choong YS, Lim TS, Chew AL, Aziah I, <b>ISMAIL A</b> . Structural and functional studies of a 50kDa antigenic protein from <i>Salmonella enterica</i> serovar Typhi. <i>J. Mol. Graphics &amp; Modelling</i> . 2011; <b>29</b> (6):834-842. Doi: 10.1016/j.jmgm.2011.01.008,	2.169	17
53	Abul Hasnat Mohammad Shafiqul Islam, Kirnpal Kaur Banga Singh, <b>ASMA ISMAIL</b> . 2011. Demonstration of an outer membrane protein that is antigenically specific for <i>Acinetobacter baumannii</i> . <i>Diagnostic Microbiology and Infectious Disease</i> <b>69</b> (2011) 38-44. Doi: 10.1016/j.diagmicrobio.2010.09.008	2.451	30
54	Husin N. Akmar, <b>I.ASMA</b> , B. Venugopal, L.Yoga Latha and S.Sasidharan. Identification of appropriate sample and culture method for isolation of new thermophilic bacteria from hot spring. <i>African Journal of Microbiology Research</i> Vo.5 (3) pp. 217-221,4 Feb. 2011	0.407	26
55	Saatheeyavaane Bhuvanendran, Hani M. Hussin, Lila P. Meran, Amy A. Anthony, Leilei Zhang, Lauranell H. Burch, Kia K. Phua, <b>ASMA ISMAIL</b> , Prabha Balaram. Toll-like receptor 4 Asp299Gly and Thr399Ile polymorphisms and typhoid susceptibility in Asian Malay population in Malaysia. <i>Micropbes and Infection</i> . 13(10): 844-851. Doi: 10.1016/j.mic inf. 2011.04.007	3.10	13
56	A.L. Ahmad, N. Ideris, B.S. Ooi, S.C. Low, <b>A. ISMAIL</b> . Morphology and polymorph study of a polyvinylidene fluoride (PVDF) membrane for protein binding: Effect of the dissolving temperature. <i>Desalination</i> 278 (2011) 318-324 ISSN: 0011-9164	1.851	37
57	Roy Lee Yung Heng, <b>ASMA ISMAIL</b> , Theam Soon Lim, Yee Siew Choong. A 35 kDa antigenic protein from <i>Shigella flexneri</i> : in silico structural and functional studies . <i>Biochem Biophys Res Comm</i> <b>415</b> (2) 229-234. Doi: 10.1016/j.bbrc.2011.09.116	2.484	6
58	Akmar HN, <b>ASMA I</b> , Venugopal B, Yoga Latha I, Sasidharan S. Ribotypig identification of an isothermal DNA polymerase producer thermophilic bacterium from hot spring. <i>International Journal of Integrative Biology</i>	-	-
<b>No</b>	<b>2012</b>	<b>Impact Factor</b>	<b>Citation Index</b>

59	Ahmad, A.L., Low, S.C., Abd. Shukor, S.R. and <b>ISMAIL, A.</b> Investigating Membranes Morphology and Quantity of Immobilised Protein for the Development of Lateral Flow Immunoassay. <i>Journal of Immunoassay and Immunochemistry</i> , (33) (2012) 48-58. Doi: 10.1080/15321819.2011.591479	0.689	5
60	Lim BN, Choong YS, <b>ISMAIL A</b> , Glökler J, Konthur Z, Lim TS. (2012) Directed evolution of nucleotide-based libraries using lambda exonuclease. <i>BioTechniques</i> . 2012 Dec;53 (6):357-64. doi: 10.2144/000113964.	2.67	19
61	Chua AL, Aziah I, Balaram P, Bhuvanendran S, Anthony AA, Mohmad SN, Nasir NM, Hassan H, Naim R, Meran LP, Hussin HM, <b>ISMAIL A.</b> (2012) Identification of Carriers Among Individuals Recruited in the Typhoid Registry in Malaysia Using Stool Culture, Polymerase Chain Reaction, and Dot Enzyme Immunoassay as Detection Tools. <i>Asia Pac J Public Health</i>	-	1
62	N.A Zulkipli, FR Sjafr, <b>ASMA I</b> , I Aziah. An in-house multiplex PCR for detection of <i>S. typhi</i> and <i>S. paratyphi A</i> : A comparison between detection method by agarose gel electrophoresis and lateral flow assay. <i>International Journal of Infectious Diseases</i> 16S e317–e473 (Abstract)	-	5
63	Sundram, Y., <b>ASMA, I.</b> , Venugopal, B., Ong, E., & Sasidharan, S. (2012). Ribotyping identification of <i>Escherichia coli</i> producing temperature-labile helicase. <i>International Journal of Integrative Biology</i> , 13(2), 78-81.	-	-
64	N.K. Fadhilah, M.H. Hani, A.R. Zaidah, B. Prabha, <b>I. ASMA</b> , K.L. Thong, R.V. Goering, J.N. Ja'afar, and K.K. Phua. Pulsed-field gel electrophoresis analysis of <i>Salmonella enterica</i> serovar Typhi isolates in the north-east region of peninsular Malaysia between 2002 and 2009. <i>Asian Pacific Journal of Tropical Diseases</i> . 4(3). 242.	-	-
65	D Sugumar, LX Kong, <b>ASMA ISMAIL</b> , M. Ravichandran, Lee Su Yin,. Rapid multi sample DNA amplification using rotary – linear polymerase chain reaction device (PCRDisc). <i>Biomicrofluidics</i> 03/2012;6(1):14119-1411913	3.37	9
66	S. Sasidaran, S. Yamuna, O Eugene, B, Venugopal, <b>I ASMA.</b> Isolation and identification of Helicase from <i>Escherichia coli</i> For biotechnology processes <i>APCBEEProcedia</i> (2): 165-169	-	-



67	S. Yamuna, I. <b>ASMA</b> , B. Venugopal, O, Eugene, S. Sasidaran. . Isolation and identification of Helicase from Anoxybacillus sp. For DNA amplification. APCBEE (2): 160-164.	-	1
68	Haw Boon Ping, <b>ASMA ISMAIL</b> , Eugene Ong Boon Beng and Sasidharan Sreenivasan. Isolation and Identification of potential DNA Helicase from Local Isolate of Candida Albicans. International Journal of Bioscience, Biochemistry and Bioinformatics		1
69	Nur Hidayah Hairul Bahara, Gee Jun Tye, Yee Siew Choong, Eugene Boon Beng Ong, <b>ASMA ISMAIL</b> , Theam Soon Lim Phage display antibodies for diagnostic applications. Biologicals	1.698	1
70	Materials and methods Ethics statement BN Lim, YS Choong, A Ismail, J Glökler, Z Konthur, TS Lim, BioTechniques 53 (6), 357-364	-	-
71	Corrigendum to "A 35kDa antigenic protein from Shigella flexneri: In silico structural and functional studies"[Biochem. Biophys. Res. Commun. 415 (2011) 229–234] RL Yung-Hung, KKB Singh, A Ismail, TS Lim, YS Choong, Biochemical and Biophysical Research Communications 418 (3), 586	-	-
72	Salmonella enterica serovar Typhi cutF is upregulated during environmental stress. MR Ismail, A., Kwok-Leong Lau, E.B.B. Ong, Z.,F, N The Journal of General and Applied Microbiology	-	-
<b>No</b>	<b>2013</b>	<b>Impact Factor</b>	<b>Citation Index</b>
73	Ahmad, A.L., Ideris, N., Ooi, B.S., Low, S.C. and <b>ISMAIL, A.</b> (2013) Synthesis of Polyvinylidene Fluoride (PVDF) Membrane for Protein Adsorption: Effect of Casting Thickness. Journal of Applied Polymer Science, doi: 10.1002/app.38522	-	11
74	Suvash Chandra Ojha, Chan Yean Yean, <b>ASMA ISMAIL</b> , Kirnpal-Kaur Banga Singh. A pentaplex PCR assay for the detection and differentiation of Shigella species. BioMed Research International. 01/2013;2013;412370	-	24
75	Nur Hidayah Khairul Bahara, Gee Jun Tye, Yee Siew Choong, Eugene Boon Peng, <b>ASMA ISMAIL</b> , Theam soon Lim. Phage Display antibodies for diagnostic applications. Biologicals 05/2013	1.70	60

76	Eugene Boon Beng Ong, Amy Amilda Anthony, <b>ASMA ISMAIL</b> , Theam Soon Lim. 2013. Cloning, expression, and purification of the hemolysin/cytolysin (HlyE antigen) from <i>Salmonella enterica</i> serovar Typhi: potential application for immunoassay development. <i>Biologicals</i> 05/2013;	2.45	9
77	Kwok-Leong Lau, Eugene Boon Beng Ong, Zainul Fadziruddin Zainudin, Mohd Razip Samian, <b>ASMA ISMAIL</b> , Nazalan Najimudin. 2013. <i>Salmonella enterica</i> serovar Typhi cutF is upregulated during environmental stress. <i>The Journal of General and Applied Microbiology</i> 59:239-244	-	-
78	Hemavathy Hari Krishnan, <b>ASMA ISMAIL</b> and Kirnpal-Kaur Banga Singh. Temperature-regulated expression of outer membrane proteins in <i>Shigella flexneri</i> . <i>Gut Pathogens</i> 2013, 5:38 <a href="http://www.gutpathogens.com/content/5/1/38">http://www.gutpathogens.com/content/5/1/38</a>	2.74	2
79	EY Yee, ZZ Zainuddin, <b>A ISMAIL</b> , CK Yap, SG Tan. Molecular Sex identification of painted storks ( <i>Mycetia Leucocephala</i> ) : using FTA cards, horizontal PAGE and quick silver staining. <i>Journal of genetics</i> , 92 (1), e15	-	-
80	S.C.Low,R.Shaimi,Y.Thandaithabany,J.K.Li,m,A.L.Ahmad, <b>A.ISMAIL</b> . 2013. Electrophoretic interactions between nitrocellulose membranes and proteins: Biointerface analysis and protein adhesion properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 110: 248-253, 2013	3.554	38
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