

Mohammad T Rahman

List of Publications by Year in descending order

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58
papers

6,502
citations

394421

19
h-index

182427

51
g-index

60
all docs

60
docs citations

60
times ranked

14047
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-based changes in authorship trend in research-intensive universities in Malaysia. <i>Accountability in Research</i> , 2024, 31, 56-71.	2.4	0
2	Contribution based author categorization to calculate author performance index. <i>Accountability in Research</i> , 2021, 28, 492-516.	2.4	6
3	Can Zn Be a Critical Element in COVID-19 Treatment?. <i>Biological Trace Element Research</i> , 2021, 199, 550-558.	3.5	100
4	Localisation of citrullinated and carbamylated proteins in inflamed gingival tissues from rheumatoid arthritis patients. <i>Clinical Oral Investigations</i> , 2021, 25, 1441-1450.	3.0	9
5	Biomechanical Effects of Unidirectional Expansion Using Anisotropic Expanders in Horse Skin Tissue. <i>Journal of Equine Veterinary Science</i> , 2021, 99, 103399.	0.9	2
6	Isolation of Endophytic Salt-Tolerant Plant Growth-Promoting Rhizobacteria From <i>Oryza sativa</i> and Evaluation of Their Plant Growth-Promoting Traits Under Salinity Stress Condition. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	18
7	Dysregulation of metallothionein and zinc aggravates periodontal diseases. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 66, 126754.	3.0	11
8	Antibodies against citrullinated proteins in relation to periodontitis with or without rheumatoid arthritis: a cross-sectional study. <i>BMC Oral Health</i> , 2021, 21, 360.	2.3	5
9	Possible Benefits of Zinc supplement in CVD and COVID-19 Comorbidity. <i>Journal of Infection and Public Health</i> , 2021, 14, 1686-1692.	4.1	9
10	Isolation and identification of salt-tolerant plant-growth-promoting rhizobacteria and their application for rice cultivation under salt stress. <i>Canadian Journal of Microbiology</i> , 2020, 66, 144-160.	1.7	57
11	Inflammatory Responses in Oro-Maxillofacial Region Expanded Using Anisotropic Hydrogel Tissue Expander. <i>Materials</i> , 2020, 13, 4436.	2.9	1
12	Potential benefits of combination of <i>Nigella sativa</i> and Zn supplements to treat COVID-19. <i>Journal of Herbal Medicine</i> , 2020, 23, 100382.	2.0	46
13	Impact of non-surgical periodontal therapy on serum Resistin and periodontal pathogen in periodontitis patients with obesity. <i>BMC Oral Health</i> , 2020, 20, 52.	2.3	9
14	Zinc and Metallothionein in the Development and Progression of Dental Caries. <i>Biological Trace Element Research</i> , 2019, 187, 51-58.	3.5	15
15	Water uptake and transport studies in PVP-PMMA hydrogels. <i>Materials Today: Proceedings</i> , 2019, 17, 430-441.	1.8	0
16	Dental derived stem cell conditioned media for hair growth stimulation. <i>PLoS ONE</i> , 2019, 14, e0216003.	2.5	18
17	Conditioned media derived from mesenchymal stem cell cultures: The next generation for regenerative medicine. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 569-586.	2.7	98
18	Papaya (<i>Carica papaya</i> L., Pawpaw). , 2019, , 335-359.		4

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19	Effects of non-surgical rapid maxillary expansion on nasal structures and breathing: A systematic review. <i>International Orthodontics</i> , 2019, 17, 12-19.	1.9	22
20	Is there an optimal initial amount of activation for midpalatal suture expansion?. <i>Journal of Orofacial Orthopedics</i> , 2018, 79, 169-179.	1.3	2
21	Metallothionein: a Potential Link in the Regulation of Zinc in Nutritional Immunity. <i>Biological Trace Element Research</i> , 2018, 182, 1-13.	3.5	58
22	AFM analysis of collagen fibrils in expanded scalp tissue after anisotropic tissue expansion. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1030-1038.	7.5	19
23	Effect of Piezoelectric Sutural Osteotomies on Accelerated Bone-Borne Sutural Expansion. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 616-630.	1.2	2
24	Bone-borne accelerated sutural expansion: A microcomputed tomography study in rabbits. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018, 154, 260-269.	1.7	0
25	The need to quantify authors' relative intellectual contributions in a multi-author paper. <i>Journal of Informetrics</i> , 2017, 11, 275-281.	2.9	35
26	Origin, Function, and Fate of Metallothionein in Human Blood. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2017, 173, 41-62.	1.6	26
27	Critical limits for the control points for halal poultry slaughter. <i>Poultry Science</i> , 2017, 96, 1970-1981.	3.4	6
28	Novel PCR primers to diagnose visceral leishmaniasis using peripheral blood, spleen or bone marrow aspirates. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 753-759.	0.8	6
29	Autologous serum supplement favours in vitro regenerative paracrine factors synthesis. <i>Cell Proliferation</i> , 2017, 50, .	5.3	9
30	Zinc Content in Cord Blood Is Associated with Maternal Age and Parity. <i>Biological Trace Element Research</i> , 2017, 175, 17-26.	3.5	3
31	Influence of Immunology Knowledge on Healthcare and Healthy Lifestyle. <i>PLoS ONE</i> , 2016, 11, e0159767.	2.5	0
32	Cellular and Molecular Responses to Mechanical Expansion of Tissue. <i>Frontiers in Physiology</i> , 2016, 7, 540.	2.8	25
33	Arsenic Induction of Metallothionein and Metallothionein Induction Against Arsenic Cytotoxicity. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 240, 151-168.	1.3	15
34	Molecular Mechanisms of Stress-Responsive Changes in Collagen and Elastin Networks in Skin. <i>Skin Pharmacology and Physiology</i> , 2016, 29, 190-203.	2.5	4,815
35	Developing control points for halal slaughtering of poultry. <i>Poultry Science</i> , 2016, 95, 1680-1692.	3.4	24
36	Selenium added unripe carica papaya pulp extracts enhance wound repair through TGF- β 1 and VEGF-a signalling pathway. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 369.	3.7	21

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37	Health and healing in Islam: links and gaps with (post)modern practices. Bangladesh Journal of Medical Science, 2015, 14, 119-129.	0.2	1
38	Carica papaya induces in vitro thrombopoietic cytokines secretion by mesenchymal stem cells and haematopoietic cells. BMC Complementary and Alternative Medicine, 2015, 15, 215.	3.7	16
39	Anti-inflammatory and antioxidant properties of unripe papaya extract in an excision wound model. Pharmaceutical Biology, 2015, 53, 662-671.	2.9	24
40	Optimization of Pre-transplantation Conditions to Enhance the Efficacy of Mesenchymal Stem Cells. International Journal of Biological Sciences, 2015, 11, 324-334.	6.4	66
41	Influence of Support Group Intervention on Quality of Life of Malaysian Breast Cancer Survivors. Asia-Pacific Journal of Public Health, 2015, 27, NP495-NP505.	1.0	3
42	Filamin A-interacting protein (FILIP) is a region-specific modulator of myosin 2b and controls spine morphology and NMDA receptor accumulation. Scientific Reports, 2014, 4, 6353.	3.3	12
43	Addition of Selenium to &Carica papaya& Linn Pulp Extract Enhances Dermal Wound Healing Activity. Tropical Journal of Pharmaceutical Research, 2013, 12, .	0.3	0
44	Hypoxic Culture Conditions as a Solution for Mesenchymal Stem Cell Based Regenerative Therapy. Scientific World Journal, The, 2013, 2013, 1-12.	2.1	164
45	Beneficial effects of ginger (<i>Zingiber officinale</i>) on carbohydrate metabolism in streptozotocin-induced diabetic rats. British Journal of Nutrition, 2012, 108, 1194-1201.	2.3	82
46	Effects of Different Methods of Slaughtering on Protein Expression in Chicken Meat. IIUM Engineering Journal, 2012, 13, .	0.8	3
47	Tamarind Seed Extract Enhances Epidermal Wound Healing. International Journal of Biology, 2011, 4, .	0.2	11
48	Dietary Zinc and the Brain. , 2011, , 2357-2373.		1
49	LL5 ¹² Directs the Translocation of Filamin A and SHIP2 to Sites of Phosphatidylinositol 3,4,5-Triphosphate (PtdIns(3,4,5)P3) Accumulation, and PtdIns(3,4,5)P3 Localization Is Mutually Modified by Co-recruited SHIP2. Journal of Biological Chemistry, 2010, 285, 16155-16165.	3.4	31
50	Zinc intake during pregnancy increases the proliferation at ventricular zone of the newborn brain. Nutritional Neuroscience, 2009, 12, 9-12.	3.1	16
51	Differential quantitative zinc-induced expression of human metallothionein isogenes in haematopoietic precursor cell lines. Journal of Trace Elements in Medicine and Biology, 2009, 23, 124-131.	3.0	11
52	Metallothionein in human thrombocyte precursors, CD61+ megakaryocytes. Cell Biology and Toxicology, 2008, 24, 19-25.	5.3	8
53	Effect of green and ripe Carica papaya epicarp extracts on wound healing and during pregnancy. Food and Chemical Toxicology, 2008, 46, 2384-2389.	3.6	89
54	Therapeutic Interventions: an Islamic Perspective. The Journal of IMA, 2008, 40, .	0.1	1

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55	Islamic Guidelines for Healthful Living. The Journal of IMA, 2007, 39, .	0.1	2
56	Arsenic Removal with Iron(II) and Iron(III) in Waters with High Silicate and Phosphate Concentrations. Environmental Science & Technology, 2004, 38, 307-315.	10.0	445
57	Metallothionein isogene transcription in red blood cell precursors from human cord blood. FEBS Journal, 2001, 268, 849-856.	0.2	10
58	Metallothionein Biosynthesis in Human RBC Precursors. Cellular Physiology and Biochemistry, 2000, 10, 237-242.	1.6	10