

Mohammed S Razzaque

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

4,006
citations

159525

30
h-index

133188

59
g-index

95
all docs

95
docs citations

95
times ranked

3999
citing authors

#	ARTICLE	IF	CITATIONS
1	Homozygous ablation of fibroblast growth factor-23 results in hyperphosphatemia and impaired skeletogenesis, and reverses hypophosphatemia in PheX-deficient mice. <i>Matrix Biology</i> , 2004, 23, 421-432.	1.5	481
2	Premature aging-like phenotype in fibroblast growth factor 23 null mice is a vitamin D-mediated process. <i>FASEB Journal</i> , 2006, 20, 720-722.	0.2	327
3	The emerging role of the fibroblast growth factor-23-klotho axis in renal regulation of phosphate homeostasis. <i>Journal of Endocrinology</i> , 2007, 194, 1-10.	1.2	211
4	Role of Magnesium in Vitamin D Activation and Function. <i>Journal of the American Osteopathic Association</i> , The, 2018, 118, 181.	1.7	211
5	Genetic Evidence of Serum Phosphate-Independent Functions of FGF-23 on Bone. <i>PLoS Genetics</i> , 2008, 4, e1000154.	1.5	159
6	Hypervitaminosis D and premature aging: lessons learned from Fgf23 and Klotho mutant mice. <i>Trends in Molecular Medicine</i> , 2006, 12, 298-305.	3.5	134
7	Magnesium: Are We Consuming Enough?. <i>Nutrients</i> , 2018, 10, 1863.	1.7	114
8	Conditional deletion of Indian hedgehog from collagen type 2 α 1-expressing cells results in abnormal endochondral bone formation. <i>Journal of Pathology</i> , 2005, 207, 453-461.	2.1	111
9	Pulmonary fibrosis: Cellular and molecular events. <i>Pathology International</i> , 2003, 53, 133-145.	0.6	86
10	Phosphate toxicity and tumorigenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 303-309.	3.3	81
11	Conversion of a Paracrine Fibroblast Growth Factor into an Endocrine Fibroblast Growth Factor. <i>Journal of Biological Chemistry</i> , 2012, 287, 29134-29146.	1.6	79
12	Klotho Coreceptors Inhibit Signaling by Paracrine Fibroblast Growth Factor 8 Subfamily Ligands. <i>Molecular and Cellular Biology</i> , 2012, 32, 1944-1954.	1.1	74
13	Calcium and vitamin D in human health: Hype or real?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 4-14.	1.2	71
14	Molecular interactions of FGF23 and PTH in phosphate regulation. <i>Kidney International</i> , 2014, 86, 1072-1074.	2.6	69
15	Anabolic effects of vitamin D and magnesium in aging bone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105400.	1.2	69
16	FGF-23, vitamin D and calcification: the unholy triad. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 2032-2035.	0.4	68
17	COVID-19 Pandemic: Can Maintaining Optimal Zinc Balance Enhance Host Resistance?. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 251, 175-181.	0.5	66
18	Can features of phosphate toxicity appear in normophosphatemia?. <i>Journal of Bone and Mineral Metabolism</i> , 2012, 30, 10-18.	1.3	62

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19	Role of Collagen-Binding Heat Shock Protein 47 and Transforming Growth Factor- β 1 in Conjunctival Scarring in Ocular Cicatricial Pemphigoid. , 2003, 44, 1616.		61
20	Prevalence of stress among medical students: a comparative study between public and private medical schools in Bangladesh. BMC Research Notes, 2015, 8, 327.	0.6	61
21	Vitamin D and the Host-Gut Microbiome: A Brief Overview. Acta Histochemica Et Cytochemica, 2020, 53, 33-42.	0.8	61
22	Vitamin D deficiency: A single centre analysis of patients from 136 countries. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 209-213.	1.2	59
23	Dietary phosphate toxicity: an emerging global health concern. Histochemistry and Cell Biology, 2018, 150, 711-719.	0.8	56
24	Role of Connective Tissue Growth Factor in the Pathogenesis of Conjunctival Scarring in Ocular Cicatricial Pemphigoid. , 2003, 44, 1998.		54
25	Can adverse effects of excessive vitamin D supplementation occur without developing hypervitaminosis D?. Journal of Steroid Biochemistry and Molecular Biology, 2018, 180, 81-86.	1.2	53
26	Effects of vitamin D status on oral health. Journal of Steroid Biochemistry and Molecular Biology, 2018, 175, 190-194.	1.2	48
27	Dysregulation of phosphate metabolism and conditions associated with phosphate toxicity. BoneKEY Reports, 2015, 4, 705.	2.7	44
28	Zinc Adequacy Is Essential for the Maintenance of Optimal Oral Health. Nutrients, 2020, 12, 949.	1.7	44
29	Phosphate Toxicity and Vascular Mineralization. Contributions To Nephrology, 2013, 180, 74-85.	1.1	41
30	Effects of IL-4 on Conjunctival Fibroblasts: Possible Role in Ocular Cicatricial Pemphigoid. , 2003, 44, 3417.		40
31	Twist1 Activation in Muscle Progenitor Cells Causes Muscle Loss Akin to Cancer Cachexia. Developmental Cell, 2018, 45, 712-725.e6.	3.1	38
32	COVID-19 pandemic: Can zinc supplementation provide an additional shield against the infection?. Computational and Structural Biotechnology Journal, 2021, 19, 1371-1378.	1.9	38
33	Heat Shock Protein 47 and Renal Fibrogenesis. , 2005, 148, 57-69.		34
34	Vitamin D, phosphate, and vasculotoxicity. Canadian Journal of Physiology and Pharmacology, 2015, 93, 1077-1082.	0.7	32
35	Dietary phosphorus burden increases cariogenesis independent of vitamin D uptake. Journal of Steroid Biochemistry and Molecular Biology, 2017, 167, 33-38.	1.2	31
36	Oral manifestations of magnesium and vitamin D inadequacy. Journal of Steroid Biochemistry and Molecular Biology, 2020, 200, 105636.	1.2	30

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37	Role of Macrophage Migration Inhibitory Factor in Conjunctival Pathology in Ocular Cicatricial Pemphigoid. , 2004, 45, 1174.		29
38	Sunlight exposure: Do health benefits outweigh harm?. Journal of Steroid Biochemistry and Molecular Biology, 2018, 175, 44-48.	1.2	28
39	Role of Apoptosis in Fibrogenesis. Nephron, 2002, 90, 365-372.	0.9	27
40	Lack of Awareness among Future Medical Professionals about the Risk of Consuming Hidden Phosphate-Containing Processed Food and Drinks. PLoS ONE, 2011, 6, e29105.	1.1	27
41	Dietary phosphorus enhances inflammatory response: A study of human gingivitis. Journal of Steroid Biochemistry and Molecular Biology, 2019, 188, 166-171.	1.2	26
42	Inadequate Awareness among Chronic Kidney Disease Patients Regarding Food and Drinks Containing Artificially Added Phosphate. PLoS ONE, 2013, 8, e78660.	1.1	24
43	Can Salivary Phosphate Levels Be an Early Biomarker to Monitor the Evolvement of Obesity. Contributions To Nephrology, 2013, 180, 138-148.	1.1	23
44	Phosphate toxicity: a stealth biochemical stress factor?. Medical Molecular Morphology, 2016, 49, 1-4.	0.4	22
45	Cancer-Mediated Muscle Cachexia: Etiology and Clinical Management. Trends in Endocrinology and Metabolism, 2021, 32, 382-402.	3.1	22
46	Therapeutic potential of klothoâ€“FGF23 fusion polypeptides: WO2009095372. Expert Opinion on Therapeutic Patents, 2010, 20, 981-985.	2.4	21
47	<scp>TGIF</scp> 1 functions as a tumor suppressor in pancreatic ductal adenocarcinoma. EMBO Journal, 2019, 38, e101067.	3.5	21
48	Effects of sunlight exposure and vitamin D supplementation on HIV patients. Journal of Steroid Biochemistry and Molecular Biology, 2020, 200, 105664.	1.2	21
49	Implementation of antimicrobial stewardship to reduce antimicrobial drug resistance. Expert Review of Anti-Infective Therapy, 2021, 19, 1-4.	2.0	21
50	High phosphate actively induces cytotoxicity by rewiring proâ€“survival and proâ€“apoptotic signaling networks in HEK293 and HeLa cells. FASEB Journal, 2021, 35, e20997.	0.2	21
51	Disproportionate COVID-19 vaccine acceptance rate among healthcare professionals on the eve of nationwide vaccine distribution in Bangladesh. Expert Review of Vaccines, 2021, 20, 1167-1175.	2.0	21
52	Role of enhanced expression of m-CSF in conjunctiva affected by cicatricial pemphigoid. Investigative Ophthalmology and Visual Science, 2002, 43, 2977-83.	3.3	21
53	Vitamin D and Phosphate Interactions in Health and Disease. Advances in Experimental Medicine and Biology, 2022, 1362, 37-46.	0.8	21
54	Expression profiles of collagens, HSP47, TGF-Î²1, MMPs and TIMPs in epidermolysis bullosa acquisita. Cytokine, 2003, 21, 207-213.	1.4	15

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55	Laughter therapy: A humor-induced hormonal intervention to reduce stress and anxiety. <i>Current Research in Physiology</i> , 2021, 4, 135-138.	0.8	15
56	Pancreatic cancer triggers diabetes through TGF- β -mediated selective depletion of islet β -cells. <i>Life Science Alliance</i> , 2020, 3, e201900573.	1.3	15
57	Periodontal diseases and adverse pregnancy outcomes: Is there a role for vitamin D?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 65-72.	1.2	14
58	Commentary: Microbial Resistance Movements: An Overview of Global Public Health Threats Posed by Antimicrobial Resistance, and How Best to Counter. <i>Frontiers in Public Health</i> , 2020, 8, 629120.	1.3	14
59	Repeated vaccination and vaccine exhaustion™: relevance to the COVID-19 crisis. <i>Expert Review of Vaccines</i> , 2022, 21, 1011-1014.	2.0	14
60	Exacerbation of antimicrobial resistance: another casualty of the COVID-19 pandemic?. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 967-971.	2.0	13
61	Natural Active Ingredients for Diabetes and Metabolism Disorders Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-2.	0.5	12
62	Procalcitonin as a biomarker for critically ill patients with sepsis: Effects of vitamin D supplementation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105428.	1.2	12
63	COVID-19 Pandemic: Adaptation in Antenatal Care for Better Pregnancy Outcomes. <i>Frontiers in Global Women S Health</i> , 2020, 1, 599327.	1.1	12
64	Zinc and its role in vitamin D function. <i>Current Research in Physiology</i> , 2022, 5, 203-207.	0.8	12
65	Factors Regulating the Progression of Hypertensive Nephrosclerosis. , 2003, 139, 173-186.		11
66	Can Maintaining Optimal Magnesium Balance Reduce the Disease Severity of COVID-19 Patients?. <i>Frontiers in Endocrinology</i> , 2022, 13, 843152.	1.5	11
67	Osteoporosis in Populations with High Calcium Intake: Does Phosphate Toxicity Explain the Paradox?. <i>Indian Journal of Clinical Biochemistry</i> , 2015, 30, 365-367.	0.9	10
68	Vitamin D-independent benefits of safe sunlight exposure. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 213, 105957.	1.2	10
69	Vitamin D status among the juvenile population: A retrospective study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 175, 49-54.	1.2	9
70	Salivary phosphate as a biomarker for human diseases. <i>FASEB BioAdvances</i> , 2022, 4, 102-108.	1.3	9
71	Extracellular Phosphate, Inflammation and Cytotoxicity. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1362, 15-25.	0.8	9
72	TGIF function in oncogenic Wnt signaling. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1865, 101-104.	3.3	8

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73	<p>Use of an online medical database for clinical decision-making processes: assessment of knowledge, attitude, and practice of oral health care providers</p>. Advances in Medical Education and Practice, 2019, Volume 10, 461-467.	0.7	7
74	Overconsumption of sugar-sweetened beverages: Why is it difficult to control?. Journal of Population Therapeutics and Clinical Pharmacology, 2020, 27, e62-e68.	1.9	7
75	Phosphate Metabolism: From Physiology to Toxicity. Advances in Experimental Medicine and Biology, 2022, 1362, 1-6.	0.8	7
76	Excessive Inorganic Phosphate Burden Perturbed Intracellular Signaling: Quantitative Proteomics and Phosphoproteomics Analyses. Frontiers in Nutrition, 2021, 8, 765391.	1.6	7
77	TGIF1-Twist1 axis in pancreatic ductal adenocarcinoma. Computational and Structural Biotechnology Journal, 2020, 18, 2568-2572.	1.9	6
78	The relevance of vitamin D in the oral health of HIV infected patients. Journal of Steroid Biochemistry and Molecular Biology, 2021, 211, 105905.	1.2	6
79	Beneficial Effects of Vitamin C in Maintaining Optimal Oral Health. Frontiers in Nutrition, 2021, 8, 805809.	1.6	6
80	Prevalence of COVID-19 vaccine reactogenicity among Bangladeshi physicians. FASEB BioAdvances, 2022, 4, 379-390.	1.3	6
81	Regulatory Role of the Transcription Factor Twist1 in Cancer-Associated Muscle Cachexia. Frontiers in Physiology, 2020, 11, 662.	1.3	4
82	Fibroblast Growth Factor 23 as Regulator of Vitamin D Metabolism. Advances in Experimental Medicine and Biology, 2022, 1362, 47-54.	0.8	4
83	Phosphate Burden and Organ Dysfunction. Frontiers in Aging, 0, 3, .	1.2	4
84	Phosphate Dysregulation and Neurocognitive Sequelae. Advances in Experimental Medicine and Biology, 2022, 1362, 151-160.	0.8	3
85	Common Dietary Sources of Natural and Artificial Phosphate in Food. Advances in Experimental Medicine and Biology, 2022, 1362, 99-105.	0.8	3
86	Phosphate Burden and Inflammation. Advances in Experimental Medicine and Biology, 2022, 1362, 7-13.	0.8	3
87	Therapeutic potential of 5-aminolevulinic acid and sodium-ferrous citrate for viral insults: relevance to the COVID-19 crisis. Expert Review of Anti-Infective Therapy, 2022, 20, 657-661.	2.0	3
88	Response. Journal of the American Osteopathic Association, The, 2018, 118, 773.	1.7	1
89	High-fat diet-associated cognitive decline: Is zinc finger protein 1 (ZPR1) the molecular connection?. Current Research in Physiology, 2021, 4, 223-228.	0.8	1
90	Phosphate Toxicity and Epithelial to Mesenchymal Transition. Advances in Experimental Medicine and Biology, 2022, 1362, 73-84.	0.8	1

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91	Regulation of phosphate in health and disease. , 2021, , 343-355.		0
92	Viral infections and Vitamin D: Relevance to COVID-19 pandemic. Journal of Steroid Biochemistry and Molecular Biology, 2022, 221, 106119.	1.2	0