

# Moustafa Waly

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6318154/publications.pdf>

Version: 2024-02-01

188  
papers

3,716  
citations

136950

32  
h-index

175258

52  
g-index

194  
all docs

194  
docs citations

194  
times ranked

4495  
citing authors

#	ARTICLE	IF	CITATIONS
1	How environmental and genetic factors combine to cause autism: A redox/methylation hypothesis. <i>NeuroToxicology</i> , 2008, 29, 190-201.	3.0	256
2	Activation of methionine synthase by insulin-like growth factor-1 and dopamine: a target for neurodevelopmental toxins and thimerosal. <i>Molecular Psychiatry</i> , 2004, 9, 358-370.	7.9	136
3	Brief Report: Prevalence of Autistic Spectrum Disorders in the Sultanate of Oman. <i>Journal of Autism and Developmental Disorders</i> , 2011, 41, 821-825.	2.7	121
4	Levels of Heavy Metals and Essential Minerals in Hair Samples of Children with Autism in Oman: a Caseâ€“Control Study. <i>Biological Trace Element Research</i> , 2013, 151, 181-186.	3.5	103
5	Folate and vitamin B12 deficiency and hyperhomocysteinemia promote oxidative stress in adult type 2 diabetes. <i>Nutrition</i> , 2012, 28, e23-e26.	2.4	99
6	Low folate and vitamin B12 nourishment is common in Omani children with newly diagnosed autism. <i>Nutrition</i> , 2013, 29, 537-541.	2.4	91
7	Effect of suboptimal breast-feeding on occurrence of autism: A caseâ€“control study. <i>Nutrition</i> , 2012, 28, e27-e32.	2.4	83
8	New model for adenine-induced chronic renal failure in mice, and the effect of gum acacia treatment thereon: Comparison with rats. <i>Journal of Pharmacological and Toxicological Methods</i> , 2013, 68, 384-393.	0.7	81
9	Stretching in the Rehabilitation of Low-Back Pain Patients. <i>Spine</i> , 1992, 17, 311-317.	2.0	78
10	Spinal compression tolerance limits for the design of manual material handling operations in the workplace. <i>Ergonomics</i> , 1993, 36, 415-434.	2.1	75
11	Altered kynurenine pathway metabolism in autism: Implication for immuneâ€“induced glutamatergic activity. <i>Autism Research</i> , 2016, 9, 621-631.	3.8	75
12	Chemical Compositions of Date-Pits and Its Potential for Developing Value-Added Product - a Review. <i>Polish Journal of Food and Nutrition Sciences</i> , 2014, 64, 215-226.	1.7	70
13	Nanostructured food proteins as efficient systems for the encapsulation of bioactive compounds. <i>Food Science and Human Wellness</i> , 2020, 9, 199-213.	4.9	70
14	Endothelial function fluctuates with diurnal variation in the frequency of ischemic episodes in patients with variant angina. <i>Journal of the American College of Cardiology</i> , 2002, 40, 266-270.	2.8	65
15	Increased Markers of Oxidative Stress in Autistic Children of the Sultanate of Oman. <i>Biological Trace Element Research</i> , 2012, 147, 25-27.	3.5	61
16	Nitrous Oxide Decreases Cortical Methionine Synthase Transiently but Produces Lasting Memory Impairment in Aged Rats. <i>Anesthesia and Analgesia</i> , 2007, 105, 83-88.	2.2	58
17	Healthy lifestyle behaviors are major predictors of mental wellbeing during COVID-19 pandemic confinement: A study on adult Arabs in higher educational institutions. <i>PLoS ONE</i> , 2020, 15, e0243524.	2.5	56
18	Lifestyle Habits : Diet , Physical Activity and Sleep Duration among Omani Adolescents = Ø¹ØŠØ-ØŠØª ù†ù...Ø· ØŠù, ØùšØšØ© : ØŠù, Qaboos University Medical Journal, 2013, 13, 510-519.	1.0	55

#	ARTICLE	IF	CITATIONS
19	Microstructural and mechanical properties evolution of magnesium AZ61 alloy processed through a combination of extrusion and thermomechanical processes. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 486, 528-533.	5.6	52
20	Polycystic ovarian syndrome is linked to increased oxidative stress in Omani women. <i>International Journal of Women's Health</i> , 2018, Volume 10, 763-771.	2.6	51
21	Ameliorative Effect of Chrysin on Adenine-Induced Chronic Kidney Disease in Rats. <i>PLoS ONE</i> , 2015, 10, e0125285.	2.5	50
22	Pomegranate ( <i>Punica granatum</i> ) Peel Extract Efficacy as a Dietary Antioxidant against Azoxymethane-Induced Colon Cancer in Rat. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 4051-4055.	1.2	48
23	Amelioration of azoxymethane induced-carcinogenesis by reducing oxidative stress in rat colon by natural extracts. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 60.	3.7	45
24	Effect of various heat treatment conditions on microstructure of cast polycrystalline IN738LC alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 487, 152-161.	5.6	44
25	Effect of Curcumin on Cisplatin- and Oxaliplatin-Induced Oxidative Stress in Human Embryonic Kidney (HEK) 293 Cells. <i>Renal Failure</i> , 2011, 33, 518-523.	2.1	42
26	Ketogenic Diet in Cancer Prevention and Therapy: Molecular Targets and Therapeutic Opportunities. <i>Current Issues in Molecular Biology</i> , 2021, 43, 558-589.	2.4	42
27	Decreased glutathione and elevated hair mercury levels are associated with nutritional deficiency-based autism in Oman. <i>Experimental Biology and Medicine</i> , 2014, 239, 697-706.	2.4	41
28	Food safety knowledge and practices among Saudi women. <i>Food Control</i> , 2015, 47, 427-435.	5.5	41
29	Protective effects of emodin against cisplatin-induced oxidative stress in cultured human kidney (HEK) Tj ETQq1 1,0784314 rgBT /Ove	2.8	39
30	Variation in Socio-Economic Burden for Caring of Children with Autism Spectrum Disorder in Oman: Caregiver Perspectives. <i>Journal of Autism and Developmental Disorders</i> , 2013, 43, 1214-1221.	2.7	39
31	Awareness about autism among school teachers in Oman: A cross-sectional study. <i>Autism</i> , 2015, 19, 6-13.	4.1	39
32	Effect of Ca addition on modification of primary Mg <sub>2</sub> Si, hardness and wear behavior in Mg-Si hypereutectic alloys. <i>Journal of Magnesium and Alloys</i> , 2014, 2, 230-238.	11.9	37
33	The Role of Vitamins in Autism Spectrum Disorder: What Do We Know?. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 373-387.	2.3	37
34	Effect of high intensity ultrasonic treatment on microstructural modification and hardness of a nickel-aluminum bronze alloy. <i>Journal of Alloys and Compounds</i> , 2018, 741, 804-813.	5.5	36
35	Impact of nutrition on serum levels of docosahexaenoic acid among Omani children with autism. <i>Nutrition</i> , 2013, 29, 1142-1146.	2.4	35
36	Fundamentals of coagulation and glycoprotein IIb/IIIa receptor inhibition. <i>American Heart Journal</i> , 1998, 135, s35-s42.	2.7	32

#	ARTICLE	IF	CITATIONS
37	Biofeedback in Back Muscle Strengthening. <i>Spine</i> , 1990, 15, 510-513.	2.0	31
38	Protective effects of emodin against cisplatin-induced oxidative stress in cultured human kidney (HEK) Tj ETQq0 0.0 rgBT /Overlock 10	0.5	31
39	Effect of high-intensity ultrasonic treatment on modification of primary Mg <sub>2</sub> Si in the hypereutectic Mg-Si alloys. <i>Journal of Alloys and Compounds</i> , 2013, 577, 693-700.	5.5	30
40	Abrogation of cisplatin-induced nephrotoxicity by emodin in rats. <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 192-200.	1.9	30
41	Parameters extraction of photovoltaic sources based on experimental data. <i>IET Renewable Power Generation</i> , 2019, 13, 1466-1473.	3.1	30
42	Acute effects of diesel exhaust particles and cisplatin on oxidative stress in cultured human kidney (HEK 293) cells, and the influence of curcumin thereon. <i>Toxicology in Vitro</i> , 2013, 27, 2299-2304.	2.4	28
43	The effect of thymoquinone treatment on the combined renal and pulmonary toxicity of cisplatin and diesel exhaust particles. <i>Experimental Biology and Medicine</i> , 2015, 240, 1698-1707.	2.4	27
44	The prevalence of transfusion-transmitted infections and nucleic acid testing among blood donors in Majmaah, Saudi Arabia. <i>Journal of Infection and Public Health</i> , 2018, 11, 702-706.	4.1	27
45	The effect of activated charcoal on adenine-induced chronic renal failure in rats. <i>Food and Chemical Toxicology</i> , 2014, 65, 321-328.	3.6	26
46	Ameliorative Effects of Pomegranate Peel Extract against Dietary-Induced Nonalcoholic Fatty Liver in Rats. <i>Preventive Nutrition and Food Science</i> , 2016, 21, 14-23.	1.6	26
47	Nabag ( <i>Zizyphus spina-christi</i> ) Extract Prevents Aberrant Crypt Foci Development in Colons of Azoxymethane-Treated Rats by Abrogating Oxidative Stress and inducing Apoptosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5031-5035.	1.2	26
48	Ethanol Lowers Glutathione in Rat Liver and Brain and Inhibits Methionine Synthase in a Cobalamin-Dependent Manner. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 277-283.	2.4	25
49	Developments in the Chemistry of 2-Pyridone. <i>Synthetic Communications</i> , 2014, 44, 1730-1759.	2.1	25
50	Effect of sewage irrigation on yield, tree components and heavy metals accumulation in navel orange trees. <i>Biological Wastes</i> , 1988, 23, 17-24.	0.2	24
51	Folate/Vitamin B12 Supplementation Combats Oxidative Stress-Associated Carcinogenesis in a Rat Model of Colon Cancer. <i>Nutrition and Cancer</i> , 2019, 71, 100-110.	2.0	24
52	Dietary folate protects against azoxymethane-induced aberrant crypt foci development and oxidative stress in rat colon. <i>Experimental Biology and Medicine</i> , 2011, 236, 1005-1011.	2.4	23
53	Synthesis and Antitumor Evaluation of Some New Fused and Binary Pyridines. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, E12.	2.6	23
54	Relationship between dopamine-stimulated phospholipid methylation and the single-carbon folate pathway. <i>Journal of Neurochemistry</i> , 2001, 78, 788-796.	3.9	22

#	ARTICLE	IF	CITATIONS
55	Papaya epicarp extract protects against hydrogen peroxide-induced oxidative stress in human SH-SY5Y neuronal cells. <i>Experimental Biology and Medicine</i> , 2011, 236, 1205-1210.	2.4	21
56	Association between Dietary and Lifestyle Indices and Colorectal Cancer in Oman: A Case-Control Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 3117-3122.	1.2	21
57	Combined effect of high-intensity ultrasonic treatment and Ca addition on modification of primary Mg <sub>2</sub> Si and wear resistance in hypereutectic Mg-Si alloys. <i>Journal of Alloys and Compounds</i> , 2014, 615, 576-581.	5.5	20
58	Psychological burden among women with polycystic ovarian syndrome in Oman: a case&ndash;control study. <i>International Journal of Women's Health</i> , 2017, Volume 9, 897-904.	2.6	20
59	Prevalence of Intestinal Parasitic Infections among Patients of King Fahd Medical City in Riyadh Region, Saudi Arabia: A 5-Year Retrospective Study. <i>Journal of Parasitology Research</i> , 2018, 2018, 1-8.	1.2	20
60	Dietary and Lifestyle Factors and Risk of Non-Hodgkin's Lymphoma in Oman. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 841-848.	1.2	20
61	Renoprotective Effects of Gamma-Aminobutyric Acid on Cisplatin-Induced Acute Renal Injury in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 62-68.	2.5	19
62	Influence of UV irradiation on optical properties of thermally evaporated 4,4-(1E,1E)-2,2'-biphenyl-4,4'-diyl diethynyl. <i>Physics D: Applied Physics</i> , 2010, 43, 455407.	2.8	18
63	Malnutrition among preschool-aged autistic children in Oman. <i>Research in Autism Spectrum Disorders</i> , 2011, 5, 1549-1552.	1.5	18
64	Alternatively Spliced Methionine Synthase in SH-SY5Y Neuroblastoma Cells: Cobalamin and GSH Dependence and Inhibitory Effects of Neurotoxic Metals and Thimerosal. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	4.0	18
65	Effect of sewage water on chemical properties and heavy metals content of El Gabal El Asfar sandy soils. <i>Biological Wastes</i> , 1987, 22, 275-284.	0.2	17
66	Low nourishment of B-vitamins is associated with hyperhomocysteinemia and oxidative stress in newly diagnosed cardiac patients. <i>Experimental Biology and Medicine</i> , 2016, 241, 46-51.	2.4	16
67	Experimental and Numerical Studies of Two-Stage Ethane-Air Flames. <i>Journal of Engineering for Gas Turbines and Power</i> , 2000, 122, 651-658.	1.1	15
68	Does Swimming Exercise Affect Experimental Chronic Kidney Disease in Rats Treated with Gum Acacia?. <i>PLoS ONE</i> , 2014, 9, e102528.	2.5	15
69	Motor and Behavioral Changes in Mice With Cisplatin-Induced Acute Renal Failure. <i>Physiological Research</i> , 2014, 63, 35-45.	0.9	15
70	Computer-related health problems among university students in Majmaah region, Saudi Arabia. <i>Biomedical Research (Aligarh, India)</i> , 2018, 29, .	0.1	15
71	Effect of pre-cooling of inlet air to condensers of air-conditioning units. <i>International Journal of Energy Research</i> , 2005, 29, 781-794.	4.5	14
72	Thermal characteristics of a water soluble extract obtained from pomegranate skin: Developing a state diagram for determining stability. <i>Industrial Crops and Products</i> , 2013, 48, 198-204.	5.2	14

#	ARTICLE	IF	CITATIONS
73	Impaired antioxidant status and reduced energy metabolism in autistic children. <i>Research in Autism Spectrum Disorders</i> , 2013, 7, 557-565.	1.5	14
74	Low Nourishment of Vitamin C Induces Glutathione Depletion and Oxidative Stress in Healthy Young Adults. <i>Preventive Nutrition and Food Science</i> , 2015, 20, 198-203.	1.6	14
75	Assessment of Nutritional Knowledge, Dietary Habits and Nutrient Intake of University Student Athletes. <i>Pakistan Journal of Nutrition</i> , 2015, 14, 293-299.	0.2	14
76	The cosmetic outcome of external dacryocystorhinostomy scar and factors affecting it. <i>Indian Journal of Ophthalmology</i> , 2016, 64, 261.	1.1	14
77	Nutritional Practices of Athletes in Oman: A Descriptive Study. <i>Oman Medical Journal</i> , 2013, 28, 360-364.	1.0	14
78	Application of Mediterranean Diet in Cardiovascular Diseases and Type 2 Diabetes Mellitus: Motivations and Challenges. <i>Nutrients</i> , 2022, 14, 2777.	4.1	14
79	A comparative study of two shovel designs. <i>Applied Ergonomics</i> , 1993, 24, 306-312.	3.1	13
80	Structure and properties of short alumina fibre reinforced AlSi18CuNi produced by stir casting. <i>Materials Letters</i> , 2002, 56, 963-969.	2.6	13
81	Acceleration of solidification process by means of nanoparticles in an energy storage enclosure using numerical approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 524, 540-552.	2.6	13
82	Family Influence on Children's Nutrition and Physical Activity Patterns in Oman. <i>Journal of Pediatric Nursing</i> , 2021, 56, e42-e48.	1.5	13
83	Phytonutrient Effects of Date Pit Extract against Azoxymethane-Induced Oxidative Stress in the Rat Colon. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3473-3477.	1.2	13
84	Effects of prolonged sewage irrigation on some physical properties of sandy soil. <i>Biological Wastes</i> , 1987, 22, 269-274.	0.2	12
85	Psychophysical models for manual lifting tasks. <i>Applied Ergonomics</i> , 1990, 21, 295-303.	3.1	12
86	Microstructure, fluidity, and mechanical properties of semi-solid processed ductile iron. <i>Journal of Materials Science</i> , 2011, 46, 4013-4019.	3.7	12
87	Reproductive Toxicity to Male Mice of Nose Only Exposure to Water- Pipe Smoke. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 29-37.	1.6	12
88	Loading of some quinoxaline derivatives in poly (l-lactic) acid/Pluronic® F-127 nanofibers enhances their anticancer efficiency and induces a p53 and p21 apoptotic-signaling pathway. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110444.	5.0	12
89	Broccoli ( <i>Brassica oleracea</i> ) Reduces Oxidative Damage to Pancreatic Tissue and Combats Hyperglycaemia in Diabetic Rats. <i>Preventive Nutrition and Food Science</i> , 2017, 22, 277-284.	1.6	12
90	Comparison study of Sn and Bi addition on microstructure and bio-degradation rate of as-cast Mg-4wt% Zn alloy without and with Ca-P coating. <i>Journal of Alloys and Compounds</i> , 2019, 792, 1239-1247.	5.5	11

#	ARTICLE	IF	CITATIONS
91	Dietary Diversity in the Eastern Mediterranean Region Before and During the COVID-19 Pandemic: Disparities, Challenges, and Mitigation Measures. <i>Frontiers in Nutrition</i> , 2022, 9, 813154.	3.7	11
92	Determination of Lifting Abilities: A Comparative Study of Four Techniques. <i>AIHA Journal</i> , 1987, 48, 951-956.	0.4	10
93	A note on the effect of glass reinforcement on the properties of as-cast and heat treated Zn-12Al composite alloy. <i>Journal of Materials Processing Technology</i> , 2001, 114, 194-200.	6.3	10
94	Encapsulation of a new quinoxaline derivative in PLGA alters the pattern of its anticancer potency and induces apoptosis. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 83, 649-658.	2.3	10
95	Influence of the ionic form of mineral salts on growth of faba bean and <i>Rhizobium leguminosarum</i> . <i>MIRCEN Journal of Applied Microbiology and Biotechnology</i> , 1989, 5, 247-254.	0.3	9
96	Proximate and Phytochemical composition and antioxidant properties of indigenous landraces of omani fenugreek seeds.. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2015, 12, 149.	0.3	9
97	The Protective Effect of Curcumin against Nitrosamine-Induced Gastric Oxidative Stress in Rats. <i>Preventive Nutrition and Food Science</i> , 2018, 23, 288-293.	1.6	9
98	Synthesis and UV absorption of new conjugated quinoxaline 1,4-dioxide derivatives anticipated as tumor imaging and cytotoxic agents. <i>Monatshefte für Chemie</i> , 2010, 141, 1253-1262.	1.8	8
99	Comparative Assessment of Eating Behavior among Children with Autism to Typically Developing Children in Oman. <i>Canadian Journal of Clinical Nutrition</i> , 2016, 4, 51-64.	0.1	8
100	Underlying Factors Behind the Low Prevalence of Autism Spectrum Disorders in Oman: Sociocultural perspective. <i>Sultan Qaboos University Medical Journal</i> , 2015, 15, e213-7.	1.0	8
101	Novel Synthesis of Thiazole, Coumarin, Pyridine, Thiophene and Thieno[2,3-b]Pyridine Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 176, 215-225.	1.6	7
102	Utilization of 2-Chloronicotinonitrile in the Syntheses of Novel Fused Bicyclic and Polynuclear Heterocycles of Anticipated Antitumor Activity. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 953-957.	2.6	7
103	Methylation-related metabolic effects of D4 dopamine receptor expression and activation. <i>Translational Psychiatry</i> , 2019, 9, 295.	4.8	7
104	Structural characteristics of alkaline treated fibers from date-pits: Residual and precipitated fibers at different pH. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2021, 25, 100251.	2.7	7
105	Nutritional and Medicinal Value of Date Fruit. , 2012, , 380-395.		7
106	Structure of two-stage flames of natural gas with air. <i>Combustion and Flame</i> , 2001, 125, 1217-1221.	5.2	6
107	Fading and Tendering Activity in Vat Dyes. A New Method for its Diagnosis. <i>Coloration Technology</i> , 1945, 61, 245-255.	0.1	6
108	Papaya epicarp extract protects against aluminum-induced neurotoxicity. <i>Experimental Biology and Medicine</i> , 2012, 237, 1018-1022.	2.4	6

#	ARTICLE	IF	CITATIONS
109	Synthesis and <i>In Vitro</i> Antitumor Evaluation of Some New Pyrimido[4,5- <i>b</i> ]quinoxaline 5,10-Dioxide Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 411-417.	2.6	6
110	Ultrasound guided injection of platelet rich plasma in cases of chronic plantar fasciitis. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2017, 48, 125-132.	0.6	6
111	Annulation of <i>o</i> -Aminoquinoxaline-1,4-dioxidenitrile with Ketonic Compounds Under FriedlÄnder-type Cyclocondensation and its Biological Evaluation. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1554-1563.	2.6	6
112	Specialized Diet Therapies: Exploration for Improving Behavior in Autism Spectrum Disorder (ASD). <i>Current Medicinal Chemistry</i> , 2020, 27, 6771-6786.	2.4	6
113	Nutritional Status and Cognitive Impairment in Elderly. <i>Pakistan Journal of Biological Sciences</i> , 2014, 17, 1098-1105.	0.5	6
114	Protein kinase C regulates dopamine D4 receptor-mediated phospholipid methylation. <i>European Journal of Pharmacology</i> , 2001, 427, 83-90.	3.5	5
115	Evaluation of indigenous Omani legumes for their nutritional quality, phytochemical composition and antioxidant properties. <i>International Journal of Postharvest Technology and Innovation</i> , 2013, 3, 333.	0.1	5
116	Broccoli ( <i>Brassica oleracea</i> ) as a Preventive Biomaterial for Cancer. , 2018, , 75-87.		5
117	Lifestyle-Related Determinants of Obesity Among Omani Children. <i>Sultan Qaboos University Medical Journal</i> , 2020, 20, 279.	1.0	5
118	Chemical Composition, Fatty Acids Content and Glycemic Index of Two Different Types of Omani Halwa. <i>Pakistan Journal of Nutrition</i> , 2013, 12, 753-760.	0.2	5
119	Effects of window size and load on estimated myoelectric signal power spectrum. <i>Computers and Industrial Engineering</i> , 2003, 44, 595-610.	6.3	4
120	Synthesis and fungicidal evaluation of some new anilinopyrimidine derivatives. <i>Medicinal Chemistry Research</i> , 2013, 22, 5267-5273.	2.4	4
121	Efficacy of a pyrimidine derivative to control spot disease on <i>Solanum melongena</i> caused by <i>Alternaria alternata</i> . <i>Journal of Advanced Research</i> , 2013, 4, 393-401.	9.5	4
122	Recent Advances in the Chemistry and Biological Activity of 2,4-Azepandione Ring System. <i>Synthetic Communications</i> , 2015, 45, 1823-1836.	2.1	4
123	A tailored nanostructure design to protect camel casein-curcumin complex against the upper gastrointestinal tract hydrolysis using aggregated whey proteins in order to increase its antioxidant activity. <i>International Journal of Food Properties</i> , 2020, 23, 1874-1885.	3.0	4
124	Antioxidant and Antitumor Properties of Wild Blueberry ( <i>Sideroxylon mascatense</i> ): Effects of Drying Methods. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2021, 11, 71.	0.5	4
125	DIVERSITY IN PHYTOCHEMICAL COMPOSITION OF OMANI FENUGREEK ( <i>Trigonella foenum - graecum</i> L.) ACCESSIONS. <i>Pakistan Journal of Agricultural Sciences</i> , 2016, 53, 851-862.	0.2	4
126	Ginger extract attenuates preliminary steps of streptozotocin-mediated oxidative stress in diabetic rats. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2015, 5, 151.	0.5	4



#	ARTICLE	IF	CITATIONS
127	Two Cultivars of <i>Ocimum basilicum</i> Leaves Extracts Attenuate Streptozotocin-mediated Oxidative Stress in Diabetic Rats. <i>Pakistan Journal of Biological Sciences</i> , 2020, 23, 1010-1017.	0.5	4
128	Ergonomic design using computer animation. <i>Computers and Industrial Engineering</i> , 1999, 37, 293-296.	6.3	3
129	One-Pot New Synthetic Method for 3-Amino-2-quinoxalinecarbonitrile. <i>Synthetic Communications</i> , 2010, 40, 739-743.	2.1	3
130	Efficient Synthesis of <i>N</i> -Substituted 2,4-Azepandione Ring System as an Active Intermediate for Heterocyclic Syntheses. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1318-1326.	2.6	3
131	Natural Products and Their Benefits in Cancer Prevention. , 2018, , 51-61.		3
132	Risk Factors for Cancer: Genetic and Environment. , 2018, , 1-23.		3
133	Impact of Dietary Patterns and Nutritional Status on the Academic Performance of Omani School Students. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2020, 10, 74-87.	0.4	3
134	Mushroom Extract Protects against Hydrogen Peroxide-Induced Toxicity in Hepatic and Neuronal Human Cultured Cells. <i>Pakistan Journal of Biological Sciences</i> , 2012, 15, 1069-1074.	0.5	3
135	Prediction and Prognostication in Coronary Heart Disease. <i>New England Journal of Medicine</i> , 1974, 290, 1315-1316.	27.0	2
136	A comprehensive data base for the design of manual materials handling. <i>Computers and Industrial Engineering</i> , 1986, 11, 351-354.	6.3	2
137	Physiological stresses associated with television camera operators' tasks. <i>Applied Ergonomics</i> , 1988, 19, 275-280.	3.1	2
138	Structure and wear properties of SiC reinforced Al-Li (8090) alloy in cast and heat treated conditions. <i>International Journal of Cast Metals Research</i> , 2006, 19, 167-174.	1.0	2
139	Synthesis, labeling, and biological evaluation of 2-[[benzyl(cyanomethyl)amino]methyl]-3-(ethoxycarbonyl)-quinoxaline 1,4-dioxide in ascites bearing mice. <i>Radiochemistry</i> , 2012, 54, 395-400.	0.7	2
140	Utilization of nicotinonitrile-2-thiol in the synthesis of new thiepino[2,3-b]pyridine derivative as an in vitro novel antitumor potent. <i>Medicinal Chemistry Research</i> , 2013, 22, 1674-1678.	2.4	2
141	Highly Efficient Synthesis of Allopurinol Locked Nucleic Acid Monomer by C6 Deamination of 8-Aza-7-bromo-7-deazaadenine Locked Nucleic Acid Monomer. <i>Synthesis</i> , 2013, 45, 3259-3262.	2.3	2
142	Antioxidant and Health Properties of Beehive Products Against Oxidative Stress-Mediated Carcinogenesis. , 2018, , 97-103.		2
143	Modifiable and Non-modifiable Risk Factors for Colon and Rectal Cancer. , 2018, , 121-130.		2
144	Intestinal Parasitic Infections among Patients of Prince Sultan Military Medical City in Riyadh Region, Saudi Arabia: A 5-year Retrospective Study. <i>Pakistan Journal of Zoology</i> , 2017, 49, .	0.2	2

#	ARTICLE	IF	CITATIONS
145	Antioxidant Potential Properties of Mushroom Extract ( <i>Agaricus bisporus</i> ) against Aluminum-induced Neurotoxicity in Rat Brain. <i>Pakistan Journal of Biological Sciences</i> , 2014, 17, 1079-1082.	0.5	2
146	Three-particles final state reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1972, 40, 67-69.	4.1	1
147	A position control algorithm for a microcomputer controlled scara robot - part I. <i>Computers and Industrial Engineering</i> , 1990, 19, 477-480.	6.3	1
148	Chronic eye disease diagnosis using ensemble-based classifier. , 2014, , .		1
149	Effect of high-intensity ultrasonic treatment on microstructure, hardness and wear behaviour of the hypereutectic Mg-5Si alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 143, 012037.	0.6	1
150	Physico-chemical Characteristics and Oxidative Stability of Date-Pits Oil during Storage at Different Temperatures. <i>International Journal of Food Engineering</i> , 2016, 12, 385-393.	1.5	1
151	Chemopreventive Effect of Date Pit Extract. , 2018, , 105-110.		1
152	Stability of vitamin C in broccoli at different storage conditions. <i>International Journal of Food Studies</i> , 2019, 8, 58-67.	0.8	1
153	Effects of Dietary Patterns, Dietary Glycemic Load and Physical Activity Level on the Weight Status of Healthy Female Omani University Students. <i>Asian Journal of Clinical Nutrition</i> , 2014, 6, 59-66.	0.3	1
154	Growth Performance, Fasting Plasma Glucose and Lipid Profile of Sprague-Dawley Rats Fed Different Levels of Omani Halwa. <i>Pakistan Journal of Nutrition</i> , 2015, 14, 503-510.	0.2	1
155	Role of Dietary and Lifestyle Modifications in the Secondary Prevention of Biomarkers of Plaque recurrence in Omani Coronary Revascularized Patients -. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2020, 10, 56-67.	0.4	1
156	CORRESPONDENCE: DERIVATION OF THE TORQUE EQUATION FOR A TWO PHASE DRAG-CUP SERVOMOTOR. <i>Electric Power Components and Systems</i> , 1980, 5, 371-377.	0.1	0
157	END EFFECT IN 2-PHASE DRAG-CUP SERVOMOTORS. <i>Electric Power Components and Systems</i> , 1980, 5, 179-185.	0.1	0
158	A 2-dimensional computerized biomechanical model. <i>Computers and Industrial Engineering</i> , 1991, 21, 601-605.	6.3	0
159	The role of platelet antibody and bone marrow in adult dengue hemorrhagic fever with thrombocytopenia. <i>Medical Journal of Indonesia</i> , 0, 7, 242.	0.5	0
160	Experimental and Numerical Studies of Two-Stage Ethane-Air Flames. , 1999, , .		0
161	Epigenetic consequences of maternal folic acid supplementation on hepatic protein expression. <i>Nutrition</i> , 2013, 29, 355.	2.4	0
162	Anti-parallel triplexes: Synthesis of 8-aza-7-deazaadenine nucleosides with a 3-aminopropynyl side-chain and its corresponding LNA analog. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2458-2469.	3.0	0

#	ARTICLE	IF	CITATIONS
163	Garlic Preventive Effect on Cancer Development. , 2018, , 89-95.		0
164	Nutrition and Colorectal Cancer Pathogenesis. , 2018, , 111-120.		0
165	First Biomedical Science Conference in Oman. Sultan Qaboos University Medical Journal, 2021, 21, e146-159.	1.0	0
166	Anti-diabetic Potential Properties of Two Edible Omani Wild Plants ( <i>Pteropyrum scoparium</i> and <i>Oxalis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	0
167	Characterization and Storage Stability of Traditional Salted <i>Thunnus albacares</i> and <i>Scomberoides commersonianus</i> . Journal of Food and Nutrition Research (Newark, Del ), 2021, 9, 484-491.	0.3	0
168	Dopamine-Stimulated Solid-State Signaling: A Novel Role for Single-Carbon Folates in Human Attention. , 2002, , 569-574.		0
169	Methionine Synthase as a Sensor of Cellular Redox Status: Implications for Neurological Disorders. FASEB Journal, 2007, 21, A345.	0.5	0
170	Ethanol Inhibition of Methionine Synthase in Rat Liver and Cortex: Role of GSH Depletion and Different Cobalamin Cofactors. FASEB Journal, 2007, 21, A344.	0.5	0
171	Oxidative Stress in Autism and Its Implications for Dopamine-Stimulated Phospholipid Methylation. , 2010, , 185-199.		0
172	The Relationship between Breastfeeding and Childhood Leukemia Risk in Oman. FASEB Journal, 2010, 24, 728.7.	0.5	0
173	The Impact of Dietary Glycemic Load and Physical Activity on Weight status of Healthy College Aged Female Students in Oman. FASEB Journal, 2012, 26, 820.9.	0.5	0
174	Obesity and Sedentary Life Style are not associated with increasing risk of Colorectal Cancer in Jordan. FASEB Journal, 2012, 26, 1032.7.	0.5	0
175	Neuroprotective Effects of Papaya Epicarp Extract against Aluminum Induced Oxidative Stress in Human Neuronal (SHSY5Y) Cells. FASEB Journal, 2012, 26, 823.11.	0.5	0
176	Nutritional Assessment of Omani Patients with diabetes and Chronic Kidney Disease a case control study. FASEB Journal, 2012, 26, 626.10.	0.5	0
177	In Vitro Evidence of Hepato and Neuro Protective Effects of Fish Press Juices against Hydrogen Peroxide Induced Oxidative Stress. FASEB Journal, 2012, 26, 823.13.	0.5	0
178	Leptinemia among Obese Omani Adults Newly Diagnosed with Type 2 Diabetes Mellitus: A Case-control Study. Journal of Medical Sciences (Faisalabad, Pakistan), 2013, 13, 208-214.	0.0	0
179	Low serum levels of trace elements (iron, zinc and copper) is associated with increasing number of pregnancies among Omani women: a case control study (1042.10). FASEB Journal, 2014, 28, 1042.10.	0.5	0
180	Low intake of dietary antioxidants is associated with oxidative stress in Omani adults newly diagnosed with type 2 diabetes (829.16). FASEB Journal, 2014, 28, 829.16.	0.5	0

#	ARTICLE	IF	CITATIONS
181	Abnormalities of Amyloid Precursor Protein in the Etiology of Alzheimer's disease. Canadian Journal of Clinical Nutrition, 2015, 3, 1-3.	0.1	0
182	Mediterranean Foods and Human Health. Food Engineering Series, 2019, , 201-218.	0.7	0
183	Navigation Application with Safety Features. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	0
184	Dietary Patterns and Nutrient Intakes in SLE Patients in Oman. Journal of Food Science and Nutrition Research, 2020, 03, .	0.3	0
185	Phytochemical Characterization and Health Benefits of Omani Date Pollen. FASEB Journal, 2020, 34, 1-1.	0.5	0
186	Role of B vitamins on Oxidative Stress and Apoptotic Proteins Expression in Experimental Colon Cancer Model. FASEB Journal, 2020, 34, 1-1.	0.5	0
187	STRUCTURE AND WEAR PROPERTIES OF SiC REINFORCED Al-Li (8090) ALLOY IN THE CAST AND HEAT TREATED CONDITIONS. Canadian Metallurgical Quarterly, 2006, 45, 459-468.	1.2	0
188	Seaweeds as Functional Food: A Comprehensive Review of Its Antioxidants and Therapeutic Merits Against Oxidative Stress-Mediated Chronic Diseases. , 2022, , 77-91.		0