

# Rafa S Almeer

## List of Publications by Year in descending order

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82  
papers

1,784  
citations

279798

23  
h-index

345221

36  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effects of hesperidin and diosmin against acrylamide-induced liver, kidney, and brain oxidative damage in rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35151-35162.	5.3	83
2	Royal jelly attenuates cadmium-induced nephrotoxicity in male mice. <i>Scientific Reports</i> , 2019, 9, 5825.	3.3	76
3	Synergistic antioxidant effects of resveratrol and curcumin against fipronil-triggered oxidative damage in male albino rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 6505-6514.	5.3	74
4	Ziziphus spina-christi fruit extract suppresses oxidative stress and p38 MAPK expression in ulcerative colitis in rats via induction of Nrf2 and HO-1 expression. <i>Food and Chemical Toxicology</i> , 2018, 115, 49-62.	3.6	73
5	The potential hepatoprotective effect of royal jelly against cadmium chloride-induced hepatotoxicity in mice is mediated by suppression of oxidative stress and upregulation of Nrf2 expression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1490-1498.	5.6	60
6	ROS-Mediated Apoptosis and Genotoxicity Induced by Palladium Nanoparticles in Human Skin Malignant Melanoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	53
7	Evaluation of the Protective Effect of Olive Leaf Extract on Cisplatin-Induced Testicular Damage in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	4.0	50
8	Prodigiosins from a marine sponge-associated actinomycete attenuate HCl/ethanol-induced gastric lesion via antioxidant and anti-inflammatory mechanisms. <i>PLoS ONE</i> , 2019, 14, e0216737.	2.5	46
9	Ameliorative Effect of Beta vulgaris Root Extract on Chlorpyrifos-Induced Oxidative Stress, Inflammation and Liver Injury in Rats. <i>Biomolecules</i> , 2019, 9, 261.	4.0	45
10	Royal Jelly Abrogates Cadmium-Induced Oxidative Challenge in Mouse Testes: Involvement of the Nrf2 Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3979.	4.1	43
11	Fucoidan supplementation modulates hepato-renal oxidative stress and DNA damage induced by aflatoxin B1 intoxication in rats. <i>Science of the Total Environment</i> , 2021, 768, 144781.	8.0	43
12	Nephroprotective Role of Selenium Nanoparticles Against Glycerol-Induced Acute Kidney Injury in Rats. <i>Biological Trace Element Research</i> , 2020, 194, 444-454.	3.5	39
13	Royal jelly mitigates cadmium-induced neuronal damage in mouse cortex. <i>Molecular Biology Reports</i> , 2019, 46, 119-131.	2.3	37
14	Tocilizumab potentiates cisplatin cytotoxicity and targets cancer stem cells in triple-negative breast cancer. <i>Molecular Carcinogenesis</i> , 2020, 59, 1041-1051.	2.7	37
15	Methotrexate-induced apoptosis in human ovarian adenocarcinoma SKOV-3 cells via ROS-mediated bax/bcl-2-cyt-c release cascading. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 21-30.	2.0	35
16	Improved Pharmacodynamic Potential of Rosuvastatin by Self-Nanoemulsifying Drug Delivery System: An in vitro and in vivo Evaluation. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 905-924.	6.7	32
17	Exploring the possible neuroprotective and antioxidant potency of lycopene against acrylamide-induced neurotoxicity in rats' brain. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111458.	5.6	32
18	Protective effects of <i>Fragaria ananassa</i> methanolic extract in a rat model of cadmium chloride-induced neurotoxicity. <i>Bioscience Reports</i> , 2018, 38, .	2.4	31

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19	Fucoidan alleviates microcystin-LR-induced hepatic, renal, and cardiac oxidative stress and inflammatory injuries in mice. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2935-2944.	5.3	31
20	Silver-doped graphene oxide nanocomposite triggers cytotoxicity and apoptosis in human hepatic normal and carcinoma cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5685-5699.	6.7	28
21	The ameliorative effects of ceftriaxone and vitamin E against cisplatin-induced nephrotoxicity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15248-15254.	5.3	28
22	Perinatal Exposure to Tartrazine Triggers Oxidative Stress and Neurobehavioral Alterations in Mice Offspring. <i>Antioxidants</i> , 2020, 9, 53.	5.1	27
23	Alleviation of lead acetate-induced nephrotoxicity by <i>Moringa oleifera</i> extract in rats: highlighting the antioxidant, anti-inflammatory, and anti-apoptotic activities. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33723-33731.	5.3	26
24	<i>Ziziphus spina-christi</i> leaf extract ameliorates schistosomiasis liver granuloma, fibrosis, and oxidative stress through downregulation of fibrinogenic signaling in mice. <i>PLoS ONE</i> , 2018, 13, e0204923.	2.5	25
25	Antitumor Potential of Berberine and Cinnamic Acid against Solid Ehrlich Carcinoma in Mice. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 356-364.	1.7	24
26	Green Platinum Nanoparticles Interaction With HEK293 Cells: Cellular Toxicity, Apoptosis, and Genetic Damage. <i>Dose-Response</i> , 2018, 16, 155932581880738.	1.6	23
27	Protective effects of <i>Artemisia judaica</i> extract compared to metformin against hepatorenal injury in high-fat diet/streptozotocine-induced diabetic rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40525-40536.	5.3	23
28	Antioxidant, Anti-Inflammatory, and Anti-Apoptotic Effects of <i>Azolla pinnata</i> Ethanolic Extract against Lead-Induced Hepatotoxicity in Rats. <i>Antioxidants</i> , 2020, 9, 1014.	5.1	22
29	Red Beetroot Extract Abrogates Chlorpyrifos-Induced Cortical Damage in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	4.0	22
30	Evaluation of Combining Ability and Heterosis of Popular Restorer and Male Sterile Lines for the Development of Superior Rice Hybrids. <i>Agronomy</i> , 2022, 12, 965.	3.0	21
31	<i>Ziziphus spina-christi</i> leaf extract attenuates mercury chloride-induced testicular dysfunction in rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3401-3412.	5.3	20
32	Oleuropein protects against lipopolysaccharide-induced sepsis and alleviates inflammatory responses in mice. <i>IUBMB Life</i> , 2020, 72, 2121-2132.	3.4	20
33	Potential of green-synthesized selenium nanoparticles using apigenin in human breast cancer MCF-7 cells. <i>Environmental Science and Pollution Research</i> , 2022, 29, 47539-47548.	5.3	20
34	Approaches for prevention and environmental management of novel COVID-19. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40311-40321.	5.3	19
35	<i>Moringa oleifera</i> ethanolic extract attenuates tilmicosin-induced renal damage in male rats via suppression of oxidative stress, inflammatory injury, and intermediate filament proteins mRNA expression. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110997.	5.6	19
36	Impacts of Enriching Growing Rabbit Diets with <i>Chlorella vulgaris</i> Microalgae on Growth, Blood Variables, Carcass Traits, Immunological and Antioxidant Indices. <i>Animals</i> , 2019, 9, 788.	2.3	18

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37	Anti-Inflammatory and Anti-Hyperuricemic Functions of Two Synthetic Hybrid Drugs with Dual Biological Active Sites. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5635.	4.1	18
38	Bismuth oxide nanoparticles induce oxidative stress and apoptosis in human breast cancer cells. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7379-7389.	5.3	18
39	GC-MS Analysis and Biomedical Therapy of Oil from n-Hexane Fraction of <i>Scutellaria edelbergii</i> Rech. f.: In Vitro, In Vivo, and In Silico Approach. <i>Molecules</i> , 2021, 26, 7676.	3.8	18
40	Candelariella vitellina extract triggers in vitro and in vivo cell death through induction of apoptosis: A novel anticancer agent. <i>Food and Chemical Toxicology</i> , 2019, 127, 110-119.	3.6	17
41	Vitamin C rescues inflammation, immunosuppression, and histopathological alterations induced by chlorpyrifos in Nile tilapia. <i>Environmental Science and Pollution Research</i> , 2021, 28, 28750-28763.	5.3	17
42	Effect of <i>Moringa oleifera</i> Lam. methanolic extract on lead-induced oxidative stress-mediated hepatic damage and inflammation in rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19877-19887.	5.3	16
43	Perinatal exposure to energy drink induces oxidative damage in the liver, kidney and brain, and behavioral alterations in mice offspring. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 798-811.	5.6	15
44	Nephroprotective Role of <i>Beta vulgaris</i> L. Root Extract against Chlorpyrifos-Induced Renal Injury in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	1.2	15
45	Effect of Prickly Pear Cactus Peel Supplementation on Milk Production, Nutrient Digestibility and Rumen Fermentation of Sheep and the Maternal Effects on Growth and Physiological Performance of Suckling Offspring. <i>Animals</i> , 2020, 10, 1476.	2.3	14
46	Demethyleneberberine: A possible treatment for Huntington's disease. <i>Medical Hypotheses</i> , 2021, 153, 110639.	1.5	14
47	In silico screening of potent inhibitors against COVID-19 key targets from a library of FDA-approved drugs. <i>Environmental Science and Pollution Research</i> , 2022, 29, 12336-12346.	5.3	14
48	Synthesis, Anticancer Assessment, and Molecular Docking of Novel Chalcone-Thienopyrimidine Derivatives in HepG2 and MCF-7 Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-27.	4.0	14
49	Investigation of Cytotoxicity Apoptotic and Inflammatory Responses of Biosynthesized Zinc Oxide Nanoparticles from <i>Ocimum sanctum</i> Linn in Human Skin Keratinocyte (Hacat) and Human Lung Epithelial (A549) Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-9.	4.0	13
50	Lycopene mitigates arsenic-induced nephrotoxicity with activation of the Nrf2 pathway in mice. <i>Toxin Reviews</i> , 2022, 41, 446-456.	3.4	13
51	Immunological and antioxidant role of curcumin in ameliorating fipronil toxicity in Nile tilapia ( <i>Oreochromis niloticus</i> ) L. <i>Journal of Applied Aquaculture</i> , 2021, 33, 1-12.	0.7843	11
52	Gene-based molecular analysis of COX1 in <i>Echinococcus granulosus</i> cysts isolated from naturally infected livestock in Riyadh, Saudi Arabia. <i>PLoS ONE</i> , 2018, 13, e0195016.	2.5	11
53	Anticonvulsive Effects of Chondroitin Sulfate on Pilocarpine and Pentylentetrazole Induced Epileptogenesis in Mice. <i>Molecules</i> , 2021, 26, 6773.	3.8	11
54	Morphological and Biochemical Properties in Fruits of Naturally Grown Cornelian Cherry ( <i>Cornus</i> ) L. <i>Journal of Applied Aquaculture</i> , 2021, 33, 1-12.	0.0	11

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55	Insecticidal Effect of Wild-Grown <i>Mentha pulegium</i> and <i>Rosmarinus officinalis</i> Essential Oils and Their Main Monoterpenes against <i>Culex pipiens</i> (Diptera: Culicidae). <i>Plants</i> , 2022, 11, 1193.	3.5	11
56	Plant-Derived Smoke Solution Alleviates Cellular Oxidative Stress Caused by Arsenic and Mercury by Modulating the Cellular Antioxidative Defense System in Wheat. <i>Plants</i> , 2022, 11, 1379.	3.5	11
57	<i>Ziziphus spina-christi</i> Leaf Extract Suppressed Mercury Chloride-Induced Nephrotoxicity via Nrf2-Antioxidant Pathway Activation and Inhibition of Inflammatory and Apoptotic Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	10
58	Comparison of the Effectiveness of Two Different Vaccination Regimes for Avian Influenza H9N2 in Broiler Chicken. <i>Animals</i> , 2020, 10, 1875.	2.3	9
59	<i>Yucca schidigera</i> extract mediated the growth performance, hepato-renal function, antioxidative status and histopathological alterations in Nile tilapia ( <i>Oreochromis niloticus</i> ) exposed to hypoxia stress. <i>Aquaculture Research</i> , 2021, 52, 1965-1976.	1.8	9
60	Role of Oxidative Stress in La2O3 Nanoparticle-Induced Cytotoxicity and Apoptosis in CHANG and HuH-7 Cells. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3487-3496.	6.7	9
61	Expression and allele frequencies of Thymic stromal lymphopoietin are a key factor of breast cancer risk. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e813.	1.2	8
62	The Antioxidant, Anti-Apoptotic, and Proliferative Potency of Argan Oil against Betamethasone-Induced Oxidative Renal Damage in Rats. <i>Biology</i> , 2020, 9, 352.	2.8	8
63	Profiling the physiological pitfalls of anti-hepatitis C direct-acting agents in budding yeast. <i>Microbial Biotechnology</i> , 2021, 14, 2199-2213.	4.2	7
64	Chemical Composition and Antimicrobial Activity of Essential Oil of Fruits from <i>Vitex agnus-castus</i> L., Growing in Two Regions in Bulgaria. <i>Plants</i> , 2022, 11, 896.	3.5	7
65	Effects of Green cardamom ( <i>Elettaria cardamomum</i> Maton) and its combination with cyclophosphamide on Ehrlich solid tumors. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 133.	2.7	6
66	Zingerone mitigates inflammation, apoptosis and oxidative injuries associated with renal impairment in adriamycin-intoxicated mice. <i>Toxin Reviews</i> , 2022, 41, 731-742.	3.4	6
67	Proanthocyanidins alleviate pentylenetetrazole-induced epileptic seizures in mice via the antioxidant activity. <i>Neurochemical Research</i> , 0, , .	3.3	6
68	Effect of the thymine-DNA glycosylase rs4135050 variant on Saudi smoker population. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e00590.	1.2	5
69	<i>Moringa oleifera</i> Leaf Extract Attenuates Pb Acetate-induced Testicular Damage in Rats. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1593-1602.	1.1	5
70	Melatonin pre-treated bone marrow derived-mesenchymal stem cells prompt wound healing in rat models. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112473.	5.6	5
71	In-silico screening of naturally derived phytochemicals against SARS-CoV Main protease. <i>Environmental Science and Pollution Research</i> , 2022, 29, 26775-26791.	5.3	5
72	Evaluation of the Varietal Impact of Two Citrus Species on Fluctuations of <i>Tetranychus urticae</i> (Acari: Tj ETQq0 0 0,rgBT /Overlock 10 T	3.2	5

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73	Ziziphus spina-christi leaf extract attenuates mercuric chloride-induced liver injury in male rats via inhibition of oxidative damage. Environmental Science and Pollution Research, 2021, 28, 17482-17494.	5.3	4
74	A new antidiabetic foot bacteria formula from marine chitosan nanosilver-metal complex. Environmental Science and Pollution Research, 2021, 28, 60833-60841.	5.3	4
75	The Potential Protective Effect of Orange Peel and Selenium against 17 $\beta$ -Estradiol- Induced Chronic Non-Bacterial Prostatitis in Rats. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1061-1071.	1.7	4
76	Lumpy skin disease in cattle in Sharkia, Egypt: epidemiological and genetic characterization of the virus. Tropical Animal Health and Production, 2021, 53, 287.	1.4	3
77	Ziziphus spina-christi Leaf Extract Mitigates Mercuric Chloride-induced Cortical Damage in Rats. Combinatorial Chemistry and High Throughput Screening, 2021, 25, 103-113.	1.1	3
78	Field Study and Chemical Analysis of Plant Waste in the Fez-Meknes Region, Morocco. Sustainability, 2022, 14, 6029.	3.2	3
79	Cultivar Differences on Nutraceuticals of Grape Juices and Seeds. Horticulturae, 2022, 8, 267.	2.8	2
80	Antioxidant Activity, Phenolic Composition, and Hormone Content of Wild Edible Vegetables. Horticulturae, 2022, 8, 427.	2.8	2
81	Biochemical Characterization of Six Traditional Olive Cultivars: A Comparative Study. Horticulturae, 2022, 8, 416.	2.8	2
82	Dose-Dependent Variation in Anticancer Activity of Hexane and Chloroform Extracts of Field Horsetail Plant on Human Hepatocarcinoma Cells. BioMed Research International, 2022, 2022, 1-8.	1.9	1