Samy Selim

List of Publications by Year in Descending Order

106 papers	1,431 citations	21 h-index	34 g-index
126 ext. papers	1,974 ext. citations	4.7 avg, IF	5.18 L-index

#	Paper	IF	Citations
106	Composition of Zingiber officinale Roscoe (Ginger), Soil Properties and Soil Enzyme Activities Grown in Different Concentration of Mineral Fertilizers. *Horticulturae*, **2022**, 8, 43	2.5	0
105	Generating new mixtures of food additives with antimicrobial and cytotoxic potency against and .. *Food Science and Nutrition*, **2022**, 10, 470-476	3.2	
104	Distinction between Antimicrobial Resistance and Putative Virulence Genes Characterization in Isolated from Different Sources.. *Antibiotics*, **2022**, 11,	4.9	2
103	Innovating the Synergistic Assets of Amino Butyric Acid (BABA) and Selenium Nanoparticles (SeNPs) in Improving the Growth, Nitrogen Metabolism, Biological Activities, and Nutritive Value of Sprouts.. *Plants*, **2022**, 11,	4.5	3
102	Acaricidal and Antioxidant Activities of Anise Oil (Pimpinella anisum) and the Oils Effect on Protease and Acetylcholinesterase in the Two-Spotted Spider Mite (Tetranychus urticae Koch). *Agriculture (Switzerland)*, **2022**, 12, 224	3	2
101	Mechanisms of gram-positive vancomycin resistance (Review).. *Biomedical Reports*, **2022**, 16, 7	1.8	2
100	Increasing atmospheric CO differentially supports arsenite stress mitigating impact of arbuscular mycorrhizal fungi in wheat and soybean plants.. *Chemosphere*, **2022**, 134044	8.4	2
99	Melatonin priming as a promising approach to improve biomass accumulation and the nutritional values of Chenopodium quinoa sprouts: A genotype-based study. *Scientia Horticulturae*, **2022**, 301, 111088	4.1	0
98	Pits of Date Palm: Bioactive Composition, Antibacterial Activity and Antimutagenicity Potentials. *Agronomy*, **2022**, 12, 54	3.6	0
97	Mycosynthesis, Characterization, and Mosquitocidal Activity of Silver Nanoparticles Fabricated by Strain.. *Journal of Fungi (Basel, Switzerland)*, **2022**, 8,	5.6	4
96	Antioxidant and Antibacterial Activities of Silver Nanoparticles Biosynthesized by Moringa oleifera through Response Surface Methodology. *Journal of Nanomaterials*, **2022**, 2022, 1-15	3.2	2
95	Antioxidant and Wound Healing Potential of Vitis vinifera Seeds Supported by Phytochemical Characterization and Docking Studies. *Antioxidants*, **2022**, 11, 881	7.1	2
94	Apitherapy and Periodontal Disease: Insights into In Vitro, In Vivo, and Clinical Studies. *Antioxidants*, **2022**, 11, 823	7.1	2
93	Insights into the Antimicrobial, Antioxidant, Anti-SARS-CoV-2 and Cytotoxic Activities of Pistacia lentiscus Bark and Phytochemical Profile; In Silico and In Vitro Study. *Antioxidants*, **2022**, 11, 930	7.1	0
92	In Vitro Anti-Proliferative, and Kinase Inhibitory Activity of Phenanthroindolizidine Alkaloids Isolated from Tylophora indica. *Plants*, **2022**, 11, 1295	4.5	2
91	Bioactive Phytochemicals of Citrus reticulata Seeds An Example of Waste Product Rich in Healthy Skin Promoting Agents. *Antioxidants*, **2022**, 11, 984	7.1	1
90	Nutritional Value, Phytochemical Potential, and Therapeutic Benefits of Pumpkin (Cucurbita sp.). *Plants*, **2022**, 11, 1394	4.5	0

89	Potential use of a novel actinobacterial species to ameliorate tungsten nanoparticles induced oxidative damage in cereal crops.. *Plant Physiology and Biochemistry*, **2021**, 171, 226-226	5.4	0
88	Bacterial Endophytes as a Promising Approach to Enhance the Growth and Accumulation of Bioactive Metabolites of Three Species of Sprouts.. *Plants*, **2021**, 10,	4.5	2
87	Potential Importance of Molybdenum Priming to Metabolism and Nutritive Value of spp. Sprouts. *Plants*, **2021**, 10,	4.5	1
86	Developmental Stages-Specific Response of Anise Plants to Laser-Induced Growth, Nutrients Accumulation, and Essential Oil Metabolism.. *Plants*, **2021**, 10,	4.5	1
85	Phytoprostanes from Date Palm Fruit and Byproducts: Five Different Varieties Grown in Two Different Locations As Potential sources. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 13754-13761	5.7	
84	Exogenous Application of Alpha-Lipoic Acid Mitigates Salt-Induced Oxidative Damage in Sorghum Plants through Regulation Growth, Leaf Pigments, Ionic Homeostasis, Antioxidant Enzymes, and Expression of Salt Stress Responsive Genes. *Plants*, **2021**, 10,	4.5	5
83	Effect of Elevated CO on Biomolecules' Accumulation in Caraway (L.) Plants at Different Developmental Stages. *Plants*, **2021**, 10,	4.5	3
82	Interactive Impact of Biochar and Arbuscular Mycorrhizal on Root Morphology, Physiological Properties of Fenugreek (Trigonella foenum-graecum L.) and Soil Enzymatic Activities. *Agronomy*, **2021**, 11, 2341	3.6	3
81	The differential tolerance of C3 and C4 cereals to aluminum toxicity is faded under future CO climate. *Plant Physiology and Biochemistry*, **2021**, 169, 249-258	5.4	1
80	Evaluation of the phycoremediation potential of microalgae for captan removal: Comprehensive analysis on toxicity, detoxification and antioxidants modulation.. *Journal of Hazardous Materials*, **2021**, 427, 128177	12.8	0
79	Characterization of bioplastics produced by haloarchaeon Haloarcula sp strain NRS20 using cost-effective carbon sources. *Materials Research Express*, **2021**, 8, 105404	1.7	1
78	Roles of Exogenous ⍺-Lipoic Acid and Cysteine in Mitigation of Drought Stress and Restoration of Grain Quality in Wheat. *Plants*, **2021**, 10,	4.5	7
77	Bioactive Potential of Several Actinobacteria Isolated from Microbiologically Barely Explored Desert Habitat, Saudi Arabia. *Biology*, **2021**, 10,	4.9	6
76	Haloarchaea as Cell Factories to Produce Bioplastics. *Marine Drugs*, **2021**, 19,	6	11
75	Exploratory Assessment to Evaluate Seed Sprouting under Elevated CO2 Revealed Improved Biomass, Physiology, and Nutritional Value of Trachyspermum ammi. *Agronomy*, **2021**, 11, 830	3.6	3
74	Effect of Laser Light on Growth, Physiology, Accumulation of Phytochemicals, and Biological Activities of Sprouts of Three Cultivars. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 6240-6250	5.7	2
73	Soil enrichment with actinomycete mitigates the toxicity of arsenic oxide nanoparticles on wheat and maize growth and metabolism. *Physiologia Plantarum*, **2021**, 173, 978-992	4.6	4
72	Aortic Arch Thrombus and Pulmonary Embolism in a COVID-19 Patient. *Journal of Emergency Medicine*, **2021**, 60, 223-225	1.5	4

71	Interactive effects of mercuric oxide nanoparticles and future climate CO on maize plant. *Journal of Hazardous Materials*, **2021**, 401, 123849	12.8	9
70	Influence of elevated CO on nutritive value and health-promoting prospective of three genotypes of Alfalfa sprouts (Medicago Sativa). *Food Chemistry*, **2021**, 340, 128147	8.5	11
69	Laser light as a promising approach to improve the nutritional value, antioxidant capacity and anti-inflammatory activity of flavonoid-rich buckwheat sprouts. *Food Chemistry*, **2021**, 345, 128788	8.5	12
68	Dissipation of pyridaphenthion by cyanobacteria: Insights into cellular degradation, detoxification and metabolic regulation. *Journal of Hazardous Materials*, **2021**, 402, 123787	12.8	1
67	Saccharomonospora actinobacterium alleviates phytotoxic hazards of tungsten nanoparticleiks on legumes growth and osmotic status. *Journal of Environmental Chemical Engineering*, **2021**, 106395	6.8	3
66	Elevated CO differently suppresses the arsenic oxide nanoparticles-induced stress in C3 (Hordeum vulgare) and C4 (Zea maize) plants via altered homeostasis in metabolites specifically proline and anthocyanin metabolism. *Plant Physiology and Biochemistry*, **2021**, 166, 235-245	5.4	9
65	Design, Synthesis and Anticancer Profile of New 4-(1-benzo[]imidazol-1-yl)pyrimidin-2-amine-Linked Sulfonamide Derivatives with V600EBRAF Inhibitory Effect. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
64	Elevated CO improves the nutritive value, antibacterial, anti-inflammatory, antioxidant and hypocholestecolemic activities of lemongrass sprouts. *Food Chemistry*, **2021**, 357, 129730	8.5	4
63	Elevated CO improves glucosinolate metabolism and stimulates anticancer and anti-inflammatory properties of broccoli sprouts. *Food Chemistry*, **2020**, 328, 127102	8.5	24
62	Hormonal seed-priming improves tomato resistance against broomrape infection. *Journal of Plant Physiology*, **2020**, 250, 153184	3.6	1
61	Use of a Smartwatch for Assessment of the QT Interval in Outpatients with Coronavirus Disease 2019. *Journal of Innovations in Cardiac Rhythm Management*, **2020**, 11, 4219-4222	1.1	4
60	A Bioactive Fraction from sp. Enhances Maize Tolerance against Drought Stress. *Journal of Microbiology and Biotechnology*, **2020**, 30, 1156-1168	3.3	11
59	Arbuscular mycorrhizae induce a global metabolic change and improve the nutritional and health benefits of pennyroyal and parsley. *Acta Physiologiae Plantarum*, **2020**, 42, 1	2.6	10
58	Maize roots and shoots show distinct profiles of oxidative stress and antioxidant defense under heavy metal toxicity. *Environmental Pollution*, **2020**, 258, 113705	9.3	49
57	Differential responses of two cyanobacterial species to R-metalaxyl toxicity: Growth, photosynthesis and antioxidant analyses. *Environmental Pollution*, **2020**, 258, 113681	9.3	9
56	Al exposure increases proline levels by different pathways in an Al-sensitive and an Al-tolerant rye genotype. *Scientific Reports*, **2020**, 10, 16401	4.9	7
55	Heat stress as an innovative approach to enhance the antioxidant production in Pseudooceanicola and Bacillus isolates. *Scientific Reports*, **2020**, 10, 15076	4.9	4
54	Actinomycetes Enrich Soil Rhizosphere and Improve Seed Quality as well as Productivity of Legumes by Boosting Nitrogen Availability and Metabolism. *Biomolecules*, **2020**, 10,	5.9	12

53	Actinobacterium isolated from a semi-arid environment improves the drought tolerance in maize (Zea mays L.). *Plant Physiology and Biochemistry*, **2019**, 142, 15-21	5.4	18
52	Physiological and biochemical responses to aluminum-induced oxidative stress in two cyanobacterial species. *Environmental Pollution*, **2019**, 251, 961-969	9.3	16
51	Vermicompost Supply Modifies Chemical Composition and Improves Nutritive and Medicinal Properties of Date Palm Fruits From Saudi Arabia. *Frontiers in Plant Science*, **2019**, 10, 424	6.2	12
50	Ultrasound-assisted versus conventional catheter-directed thrombolysis for acute pulmonary embolism: A multicenter comparison of patient-centered outcomes. *Vascular Medicine*, **2019**, 24, 241-247	2.3	21
49	Utilization of actinobacteria to enhance the production and quality of date palm (Phoenix dactylifera L.) fruits in a semi-arid environment. *Science of the Total Environment*, **2019**, 665, 690-697	10.2	25
48	Silicon dioxide nanoparticles ameliorate the phytotoxic hazards of aluminum in maize grown on acidic soil. *Science of the Total Environment*, **2019**, 693, 133636	10.2	56
47	Interspecific plant competition mediates the metabolic and ecological signature of a plant–herbivore interaction under warming and elevated CO2. *Functional Ecology*, **2019**, 33, 1842-1853	5.6	2
46	Evaluate Histological Changes and Resistance to Antibiotics Profile of Bacteria Causing Burn Infection. *Journal of Pure and Applied Microbiology*, **2019**, 13, 1769-1774	0.9	
45	Incidence and Antibiotics Resistance of Staphylococci and Escherichia coli Isolated from Diabetic Urinary Tract Infection Patients in Egypt. *Journal of Pure and Applied Microbiology*, **2019**, 13, 1697-1702	0.9	0
44	NiO-nanoparticles induce reduced phytotoxic hazards in wheat (Triticum aestivum L.) grown under future climate CO. *Chemosphere*, **2019**, 220, 1047-1057	8.4	28
43	The impact of foliar fertilizers on growth and biochemical responses of Thymus vulgaris to salinity stress. *Arid Land Research and Management*, **2019**, 33, 297-320	1.8	7
42	Exploring the potential of actinomycetes in improving soil fertility and grain quality of economically important cereals. *Science of the Total Environment*, **2019**, 651, 2787-2798	10.2	25
41	Antagonistic yeasts from a salt-lake region in Egypt: identification of a taxonomically distinct group of phylloplane strains related to Sporisorium. *Antonie Van Leeuwenhoek*, **2019**, 112, 523-541	2.1	1
40	Elevated CO induces a global metabolic change in basil (Ocimum basilicum L.) and peppermint (Mentha piperita L.) and improves their biological activity. *Journal of Plant Physiology*, **2018**, 224-225, 121-131	3.6	48
39	CO enrichment can enhance the nutritional and health benefits of parsley (Petroselinum crispum L.) and dill (Anethum graveolens L.). *Food Chemistry*, **2018**, 269, 519-526	8.5	31
38	Effect of ultrasound-enhanced seeds oil on wound healing: An animal model. *Journal of Taibah University Medical Sciences*, **2018**, 13, 438-443	1.7	5
37	Effects of ocean acidification on the levels of primary and secondary metabolites in the brown macroalga Sargassum vulgare at different time scales. *Science of the Total Environment*, **2018**, 643, 946-956	10.2	16
36	Zinc-induced differential oxidative stress and antioxidant responses in Chlorella sorokiniana and Scenedesmus acuminatus. *Ecotoxicology and Environmental Safety*, **2017**, 140, 256-263	7	49

35	Sensitivity of two green microalgae to copper stress: Growth, oxidative and antioxidants analyses. *Ecotoxicology and Environmental Safety*, **2017**, 144, 19-25	7	72
34	Metalaxyl Effects on Antioxidant Defenses in Leaves and Roots of L. *Frontiers in Plant Science*, **2017**, 8, 1967	6.2	21
33	Anti-inflammatory, antioxidant and antiangiogenic activities of diosgenin isolated from traditional medicinal plant, Costus speciosus (Koen ex.Retz.) Sm. *Natural Product Research*, **2016**, 30, 1830-3	2.3	27
32	Genome sequence of carboxylesterase, carboxylase and xylose isomerase producing alkaliphilic haloarchaeon Haloterrigena turkmenica WANU15. *Genomics Data*, **2016**, 7, 70-2		2
31	Assessment of Microbial Diversity in Saudi Springs by Culture-Dependent and Culture-Independent Methods. *Geomicrobiology Journal*, **2016**, 1-11	2.5	
30	Detection and Characterization of Antimicrobial Resistance and Putative Virulence Genes in Aeromonas veronii Biovar Sobria Isolated from Gilthead Sea Bream (Sparus aurata L.). *Foodborne Pathogens and Disease*, **2015**, 12, 806-11	3.8	4
29	Rapid identification of by pulsed-field gel electrophoresis. *Biotechnology and Biotechnological Equipment*, **2015**, 29, 152-156	1.6	11
28	Genome sequencing and annotation of Proteus sp. SAS71. *Genomics Data*, **2015**, 6, 70-1		
27	Genome sequencing and annotation of Morganella sp. SA36. *Genomics Data*, **2015**, 6, 57-8		
26	Genome sequencing and annotation of Stenotrophomonas sp. SAM8. *Genomics Data*, **2015**, 6, 25-6		2
25	Metabolic Analysis of Various Date Palm Fruit (Phoenix dactylifera L.) Cultivars from Saudi Arabia to Assess Their Nutritional Quality. *Molecules*, **2015**, 20, 13620-41	4.8	122
24	Anticancer and apoptotic effects on cell proliferation of diosgenin isolated from Costus speciosus (Koen.) Sm. *BMC Complementary and Alternative Medicine*, **2015**, 15, 301	4.7	45
23	Thermostable Alkaline Protease Production by Bacillus Aryabhattai J4. *FASEB Journal*, **2015**, 29, 573.4	0.9	1
22	Antibacterial, cytotoxicity and anticoagulant activities from Hypnea esperi and Caulerpa prolifera marine algae. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 525-30	0.4	7
21	Thermostable alkaline halophilic-protease production by Natronolimnobius innermongolicus WN18. *Natural Product Research*, **2014**, 28, 1476-9	2.3	20
20	Adaptation to tert-butyl hydroperoxide at a plasma membrane level in the fission yeast Schizosaccharomyces pombe parental strain and its t-BuOOH-resistant mutant. *Journal of Basic Microbiology*, **2014**, 54, 215-25	2.7	6
19	Chemical composition, antimicrobial and antibiofilm activity of the essential oil and methanol extract of the Mediterranean cypress (Cupressus sempervirens L.). *BMC Complementary and Alternative Medicine*, **2014**, 14, 179	4.7	61
18	Genetic Diversity among Thermophilic Bacteria Isolated from Geothermal Sites by Using Two PCR Typing Methods. *Geomicrobiology Journal*, **2014**, 31, 161-170	2.5	5

17	Bioactive lipids and cationic antimicrobial peptides as new potential regulators for trafficking of bone marrow-derived stem cells in patients with acute myocardial infarction. *Stem Cells and Development*, **2013**, 22, 1645-56	4.4	47
16	Influence of multi drug resistance Gram negative bacteria in liver transplant recipient. *African Journal of Microbiology Research*, **2013**, 7, 4857-4861	0.5	1
15	Prevalence and Characterization of Shiga-Toxin O157:H7 and Non-O157:H7 Enterohemorrhagic Escherichia Coli Isolated from Different Sources. *Biotechnology and Biotechnological Equipment*, **2013**, 27, 3834-3842	1.6	11
14	Prevalence and characterization of Shiga toxin O157 and non-O157 enterohemorrhagic Escherichia coli isolated from different sources in Ismailia, Egypt. *African Journal of Microbiology Research*, **2013** , 7, 2637-2645	0.5	4
13	Viral and bacterial infections associated with camel (Camelus dromedarius) calf diarrhea in North Province, Saudi Arabia. *Saudi Journal of Biological Sciences*, **2012**, 19, 35-41	4	33
12	Novel thermostable and alkalitolerant amylase production by Geobacillus stearothermophilus HP 3. *Natural Product Research*, **2012**, 26, 1626-30	2.3	4
11	Brain natriuretic peptide and biomarkers of myocardial ischemia increase after defibrillation threshold testing. *PACE - Pacing and Clinical Electrophysiology*, **2012**, 35, 314-9	1.6	13
10	A multiphasic approach for investigation of the microbial diversity and its biodegradative abilities in historical paper and parchment documents. *International Biodeterioration and Biodegradation*, **2012**, 70, 117-125	4.8	67
9	Synergistic effect of anemia and red blood cells transfusion on inflammation and lung injury. *Advances in Hematology*, **2012**, 2012, 924042	1.5	5
8	Plasma levels of sphingosine 1-phosphate are strongly correlated with haematocrit, but variably restored by red blood cell transfusions. *Clinical Science*, **2011**, 121, 565-72	6.5	39
7	Effective of metronidazole to bacterial flora in vagina and the impact of microbes on live birth rate during intracytoplasmic sperm injection (ICSI). *Archives of Gynecology and Obstetrics*, **2011**, 284, 1449-53	2.5	10
6	Chemical composition, antioxidant and antimicrobial activity of the essential oil and methanol extract of the Egyptian lemongrass Cymbopogon proximus Stapf. *Grasas Y Aceites*, **2011**, 62, 55-61	1.3	27
5	Antimicrobial activity of essential oils against Vancomycin-Resistant enterococci (VRE) and Escherichia coli O157:H7 in feta soft cheese and minced beef meat. *Brazilian Journal of Microbiology*, **2011**, 42, 187-196	2.2	52
4	Antimicrobial activity of essential oils against vancomycin-resistant enterococci (vre) and Escherichia coli o157:h7 in feta soft cheese and minced beef meat. *Brazilian Journal of Microbiology*, **2011**, 42, 187-96	2.2	8
3	Susceptibility of imipenem-resistant Pseudomonas aeruginosa to flavonoid glycosides of date palm (Phoenix dactylifera L.) tamar growing in Al Madinah, Saudi Arabia. *African Journal of Biotechnology*, **2011**, 11,	0.6	5
2	Evidence of mobilization of pluripotent stem cells into peripheral blood of patients with myocardial ischemia. *Experimental Hematology*, **2010**, 38, 1131-1142.e1	3.1	39
1	Blood relatives: dynamic regulation of bioactive lysophosphatidic acid and sphingosine-1-phosphate metabolism in the circulation. *Trends in Cardiovascular Medicine*, **2009**, 19, 135-40	6.9	20