Aly Derbalah

List of Publications by Citations

55 papers	872 citations	18 h-index	27 g-index
63 ext. papers	1,022 ext. citations	3.1 avg, IF	4.71 L-index

#	Paper	IF	Citations
55	Antifungal activity of fabricated mesoporous alumina nanoparticles against root rot disease of tomato caused by Fusarium oxysporium. *Pest Management Science*, **2017**, 73, 1121-1126	4.6	75
54	Removal of Heavy Metals from Aqueous Solution by Zeolite in Competitive Sorption System. *International Journal of Environmental Science and Development*,362-367	0.4	73
53	Photocatalytic removal of fenitrothion in pure and natural waters by photo-Fenton reaction. *Chemosphere*, **2004**, 57, 635-44	8.4	52
52	Temporal trends in organophosphorus pesticides use and concentrations in river water in Japan, and risk assessment. *Journal of Environmental Sciences*, **2019**, 79, 135-152	6.4	52
51	Fabrication and characterization of graphene oxide-Titanium dioxide nanocomposite for degradation of some toxic insecticides. *Journal of Industrial and Engineering Chemistry*, **2019**, 69, 315-323	6.3	48
50	Distribution, seasonal pattern, flux and contamination source of pesticides and nonylphenol residues in Kurose River water, Higashi-Hiroshima, Japan.. *Geochemical Journal*, **2003**, 37, 217-232	0.9	36
49	Mesoporous Alumina Nanoparticles as Host Tunnel-like Pores for Removal and Recovery of Insecticides from Environmental Samples. *ChemPlusChem*, **2015**, 80, 1119-1126	2.8	35
48	Antifungal activity of fabricated mesoporous silica nanoparticles against early blight of tomato. *Egyptian Journal of Basic and Applied Sciences*, **2018**, 5, 145-150	1.3	35
47	Fate of imidacloprid in soil and plant after application to cotton seeds. *Chemosphere*, **2008**, 71, 2173-9	8.4	27
46	Antiviral activity of titanium dioxide nanostructures as a control strategy for broad bean strain virus in faba bean. *Pest Management Science*, **2019**, 75, 828-834	4.6	26
45	Microbial detoxification of metalaxyl in aquatic system. *Journal of Environmental Sciences*, **2008**, 20, 262-7	6.4	23
44	Zinc oxide nanostructures as a control strategy of bacterial speck of tomato caused by Pseudomonas syringae in Egypt. *Environmental Science and Pollution Research*, **2020**, 27, 19049-19057	5.1	23
43	Photodegradation kinetics of fenitrothion in various aqueous media and its effect on steroid hormones biosynthesis. *Geochemical Journal*, **2004**, 38, 201-213	0.9	22
42	Resistance induction in cucumber and direct antifungal activity of zirconium oxide nanoparticles against Rhizoctonia solani. *Pesticide Biochemistry and Physiology*, **2019**, 157, 230-236	4.9	19
41	Hierarchical Nanohexagon Ceramic Sheet Layers as Platform Adsorbents for Hydrophilic and Hydrophobic Insecticides from Agricultural Wastewater. *ChemPlusChem*, **2015**, 80, 1769-1778	2.8	19
40	Mesocage collector cavities as nanopockets for remediation and real assessment of carbamate pesticides in aquatic water. *Nano Structures Nano Objects*, **2015**, 3, 17-27	5.6	18
39	A new strategy to control Cucumber mosaic virus using fabricated NiO-nanostructures. *Journal of Biotechnology*, **2019**, 306, 134-141	3.7	18

38	Monitoring of organophosphorus pesticides and remediation technologies of the frequently detected compound (chlorpyrifos) in drinking water. *Polish Journal of Chemical Technology*, **2013**, 15, 25-34	1	18
37	Efficacy and Safety of Some Plant Extracts against Tomato Early Blight Disease Caused by Alternaria solani. *Plant Pathology Journal*, **2011**, 10, 115-121	0.6	18
36	Laboratory evaluation of botanical extracts, microbial culture filtrates and silver nanoparticles against Botrytis cinerea. *Annals of Microbiology*, **2012**, 62, 1331-1337	3.2	17
35	Recent approaches for controlling downy mildew of cucumber under greenhouse conditions. *Plant Protection Science*, **2016**, 52, 1-9	1.1	14
34	Biodegradation kinetics of cymoxanil in aquatic system. *Chemistry and Ecology*, **2008**, 24, 169-180	2.3	14
33	Monitoring and remediation of organochlorine residues in water. *Water Environment Research*, **2014**, 86, 584-93	2.8	13
32	Some Recent Approaches to ControlTuta absolutain Tomato Under Greenhouse Conditions. *African Entomology*, **2012**, 20, 27-34	0.5	13
31	Efficacy of some botanical extracts against Trogoderma granarium in wheat grains with toxicity evaluation. *Scientific World Journal, The*, **2012**, 2012, 639854	2.2	13
30	Antifungal activity of some plant extracts against sugar beet damping-off caused by Sclerotium rolfsii. *Annals of Microbiology*, **2012**, 62, 1021-1029	3.2	12
29	Oil and Powder of Spearmint as an Alternative to Sitophilus Oryzae Chemical Control of Wheat Grains. *Journal of Plant Protection Research*, **2011**, 51, 145-150		12
28	Monitoring and remediation technologies of organochlorine pesticides in drainage water. *Polish Journal of Chemical Technology*, **2015**, 17, 115-122	1	10
27	Use of Cultural Filtrates of Certain Microbial Isolates for Powdery Mildew Control in Squash. *Journal of Plant Protection Research*, **2011**, 51, 252-260		10
26	Biodegradability of famoxadone by various microbial isolates in aquatic systems. *Land Contamination and Reclamation*, **2008**, 16, 13-23		9
25	Photoformation of reactive oxygen species and their potential to degrade highly toxic carbaryl and methomyl in river water. *Chemosphere*, **2020**, 244, 125464	8.4	9
24	Fenton reagent and titanium dioxide nanoparticles as antifungal agents to control leaf spot of sugar beet under field conditions. *Journal of Plant Protection Research*, **2016**, 56, 270-278		8
23	ON THE PRESENCE OF ORGANOPHOSPHORUS PESTICIDES IN DRAINAGE WATER AND ITS REMEDIATION TECHNOLOGIES. *Environmental Engineering and Management Journal*, **2016**, 15, 1777-1787	0.6	8
22	Efficacy and Safety of Some Plant Extracts as Alternatives for Sitophilus oryzae Control in Rice Grains. *Journal of Entomology*, **2012**, 9, 57-67	0.3	8
21	Microbial Detoxification of Dimethoate and Methomyl Residues in Aqueous Media. *Water (Switzerland)*, **2021**, 13, 1117	3	7

20	Control of powdery mildew in okra using cultural filtrates of certain bio-agents alone and mixed with penconazole. *Archives of Phytopathology and Plant Protection*, **2011**, 44, 2012-2023	1	6
19	Remediation technologies of diazinon and malathion residues in aquatic system. *Environmental Protection Engineering*, **2013**, 39,	1.6	6
18	Kinetics of photocatalytic removal of imidacloprid from water by advanced oxidation processes with respect to nanotechnology. *Journal of Water and Health*, **2019**, 17, 254-265	2.2	5
17	Identification and mechanism of Echinochloa crus-galli resistance to fenoxaprop-p-ethyl with respect to physiological and anatomical differences. *Scientific World Journal, The*, **2012**, 2012, 893204	2.2	5
16	Unconventional alternatives for control of tomato root rot caused by Rhizoctonia solani under greenhouse conditions. *Journal of Plant Protection Research*, **2016**, 56, 298-305		5
15	Carbaryl residue concentrations, degradation, and major sinks in the Seto Inland Sea, Japan. *Environmental Science and Pollution Research*, **2020**, 27, 14668-14678	5.1	4
14	Photocatalytic Detoxification of Some Insecticides in Aqueous Media Using TiO Nanocatalyst. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	4
13	Isolation and molecular identification of Aspergillus flavus and the study of its potential for malathion biodegradation in water. *World Journal of Microbiology and Biotechnology*, **2020**, 36, 91	4.4	3
12	Echinochloa Colonum Resistance to Bispyribac-Soduim in Egypt - Occurrence and Identification. *Journal of Plant Protection Research*, **2012**, 52, 139-145		3
11	Cultural filtrates of certain microbial isolates as an alternative to powdery mildew chemical control in cucumbers. *Journal of Pesticide Sciences*, **2011**, 36, 402-406	2.7	2
10	Chemical inducers for resistance induction against powdery mildew of cucumber under greenhouse conditions. *Acta Phytopathologica Et Entomologica Hungarica*, **2017**, 52, 49-60	0.6	2
9	Monitoring sources, discharges, and fluxes of, and assessing the risks from, pesticides in the Kurose and Ashida Rivers, Japan. *International Journal of Environmental Science and Technology*, **2020**, 17, 1035-1050	2.3	2
8	Efficiency of Candida tropicalis for Potential Degradation of Metalaxyl in the Aqueous Media. *Current Microbiology*, **2020**, 77, 2991-2999	2.4	2
7	Biochemical and Histopathological Alterations in Different Tissues of Rats Due to Repeated Oral Dose Toxicity of Cymoxanil. *Animals*, **2020**, 10,	3.1	2
6	New trends for controlling Sitophilus oryzae concerning adult mortality, offspring production, mode of action, and grain quality. *Journal Fur Verbraucherschutz Und Lebensmittelsicherheit*,1	2.3	1
5	Advanced Oxidation Processes Using Zinc Oxide Nanocatalyst for Detoxification of Some Highly Toxic Insecticides in an Aquatic System Combined With Improving Water Quality Parameters. *Frontiers in Environmental Science*, **2022**, 10,	4.8	1
4	Toxicological Effects of Malathion at Low Dose on Wister Male Rats With Respect to Biochemical and Histopathological Alterations. *Frontiers in Environmental Science*, **2022**, 10,	4.8	1
3	Ecotoxicological and human health risk assessment of selected pesticides in Kurose River, Higashi-Hiroshima City (Japan). *Water Environment Research*, **2021**, e1676	2.8	0

2	Microbial Degradation of Fenitrothion in Kurose River Water, Hiroshima Prefecture, Japan. *Research Journal of Environmental Sciences*, **2020**, 14, 5-17	0	0
1	Efficacy of Methomyl after Application Against Cotton Leaf Worm in Soybean and Removal Kinetics of its Residue. *Journal of Environmental Science and Technology*, **2014**, 7, 294-304	0.6	