Aly Derbalah

List of Publications by Year
in descending order

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61 papers	1,264 citations	361296 20 h-index	434063 31 g-index
63 all docs	63 docs citations	63 times ranked	1528 citing authors

#	Article	IF	Citations
1	Antifungal activity of fabricated mesoporous alumina nanoparticles against root rot disease of tomato caused by Fusarium oxysporium. Pest Management Science, 2017, 73, 1121-1126.	1.7	103
2	Removal of Heavy Metals from Aqueous Solution by Zeolite in Competitive Sorption System. International Journal of Environmental Science and Development, 0, , 362-367.	0.2	91
3	Temporal trends in organophosphorus pesticides use and concentrations in river water in Japan, and risk assessment. Journal of Environmental Sciences, 2019, 79, 135-152.	3.2	87
4	Fabrication and characterization of graphene oxideâ€“titanium dioxide nanocomposite for degradation of some toxic insecticides. Journal of Industrial and Engineering Chemistry, 2019, 69, 315-323.	2.9	67
5	Photocatalytic removal of fenitrothion in pure and natural waters by photo-Fenton reaction. Chemosphere, 2004, 57, 635-644.	4.2	66
6	Antifungal activity of fabricated mesoporous silica nanoparticles against early blight of tomato. Egyptian Journal of Basic and Applied Sciences, 2018, 5, 145-150.	0.2	55
7	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.	0.5	44
8	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.	1.7	42
9	Mesoporous Alumina Nanoparticles as Host Tunnelâ€like Pores for Removal and Recovery of Insecticides from Environmental Samples. ChemPlusChem, 2015, 80, 1119-1126.	1.3	39
10	A new strategy to control Cucumber mosaic virus using fabricated NiO-nanostructures. Journal of Biotechnology, 2019, 306, 134-141.	1.9	38
11	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.	2.7	33
12	Resistance induction in cucumber and direct antifungal activity of zirconium oxide nanoparticles against Rhizoctonia solani. Pesticide Biochemistry and Physiology, 2019, 157, 230-236.	1.6	32
13	Fate of imidacloprid in soil and plant after application to cotton seeds. Chemosphere, 2008, 71, 2173-2179.	4.2	28
14	Efficacy and Safety of Some Plant Extracts against Tomato Early Blight Disease Caused by Alternaria solani. Plant Pathology Journal, 2011, 10, 115-121.	0.7	25
15	Photodegradation kinetics of fenitrothion in various aqueous media and its effect on steroid hormones biosynthesis. Geochemical Journal, 2004, 38, 201-213.	0.5	24
16	Microbial detoxification of metalaxyl in aquatic system. Journal of Environmental Sciences, 2008, 20, 262-267.	3.2	24
17	Laboratory evaluation of botanical extracts, microbial culture filtrates and silver nanoparticles against Botrytis cinerea. Annals of Microbiology, 2012, 62, 1331-1337.	1.1	22
18	Antifungal activity of some plant extracts against sugar beet damping-off caused by Sclerotium rolfsii. Annals of Microbiology, 2012, 62, 1021-1029.	1.1	22

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19	Hierarchical Nanohexagon Ceramic Sheet Layers as Platform Adsorbents for Hydrophilic and Hydrophobic Insecticides from Agricultural Wastewater. ChemPlusChem, 2015, 80, 1769-1778.	1.3	22
20	Recent approaches for controlling downy mildew of cucumber under greenhouse conditions. Plant Protection Science, 2016, 52, 1-9.	0.7	22
21	Some Recent Approaches to ControlTuta absolutain Tomato Under Greenhouse Conditions. African Entomology, 2012, 20, 27-34.	0.6	20
22	Mesocage collector cavities as nanopockets for remediation and real assessment of carbamate pesticides in aquatic water. Nano Structures Nano Objects, 2015, 3, 17-27.	1.9	20
23	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.	0.3	19
24	Biodegradation kinetics of cymoxanil in aquatic system. Chemistry and Ecology, 2008, 24, 169-180.	0.6	18
25	Photoformation of reactive oxygen species and their potential to degrade highly toxic carbaryl and methomyl in river water. Chemosphere, 2020, 244, 125464.	4.2	18
26	Efficacy of Some Botanical Extracts againstTrogoderma granariumin Wheat Grains with Toxicity Evaluation. Scientific World Journal, The, 2012, 2012, 1-9.	0.8	17
27	Monitoring and Remediation of Organochlorine Residues in Water. Water Environment Research, 2014, 86, 584-593.	1.3	15
28	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.	1.1	15
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.	1.0	14
30	Efficacy and Safety of Some Plant Extracts as Alternatives for Sitophilus oryzae Control in Rice Grains. Journal of Entomology, 2012, 9, 57-67.	0.2	14
31	Use of Cultural Filtrates of Certain Microbial Isolates for Powdery Mildew Control in Squash. Journal of Plant Protection Research, 2011, 51, 252-260.	1.0	13
32	Monitoring and remediation technologies of organochlorine pesticides in drainage water. Polish Journal of Chemical Technology, 2015, 17, 115-122.	0.3	13
33	Unconventional alternatives for control of tomato root rot caused by Rhizoctonia solani under greenhouse conditions. Journal of Plant Protection Research, 2016, 56, 298-305.	1.0	13
34	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.	1.0	13
35	Biodegradability of famoxadone by various microbial isolates in aquatic systems. Land Contamination and Reclamation, 2008, 16, 13-23.	0.4	13
36	Microbial Detoxification of Dimethoate and Methomyl Residues in Aqueous Media. Water (Switzerland), 2021, 13, 1117.	1.2	11

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37	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.	0.6	10
38	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.	1.7	10
39	ON THE PRESENCE OF ORGANOPHOSPHORUS PESTICIDES IN DRAINAGE WATER AND ITS REMEDIATION TECHNOLOGIES. Environmental Engineering and Management Journal, 2016, 15, 1777-1787.	0.2	10
40	Photocatalytic Detoxification of Some Insecticides in Aqueous Media Using TiO2 Nanocatalyst. International Journal of Environmental Research and Public Health, 2021, 18, 9278.	1.2	9
41	Identification and Mechanism ofEchinochloa crus-galliResistance to Fenoxaprop-p-ethyl with respect to Physiological and Anatomical Differences. Scientific World Journal, The, 2012, 2012, 1-8.	0.8	8
42	Carbaryl residue concentrations, degradation, and major sinks in the Seto Inland Sea, Japan. Environmental Science and Pollution Research, 2020, 27, 14668-14678.	2.7	8
43	Remediation technologies of diazinon and malathion residues in aquatic system. Environmental Protection Engineering, 2013, 39, .	0.1	7
44	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.	1.8	6
45	Biochemical and Histopathological Alterations in Different Tissues of Rats Due to Repeated Oral Dose Toxicity of Cymoxanil. Animals, 2020, 10, 2205.	1.0	6
46	Toxicological Effects of Malathion at Low Dose on Wister Male Rats With Respect to Biochemical and Histopathological Alterations. Frontiers in Environmental Science, 2022, 10, .	1.5	6
47	Copper oxide nanostructures as a potential method for control of zucchini yellow mosaic virus in squash. Pest Management Science, 2022, 78, 3587-3595.	1.7	6
48	Echinochloa Colonum Resistance to Bispyribac-Soduim in Egypt - Occurrence and Identification. Journal of Plant Protection Research, 2012, 52, 139-145.	1.0	5
49	Efficiency of Candida tropicalis for Potential Degradation of Metalaxyl in the Aqueous Media. Current Microbiology, 2020, 77, 2991-2999.	1.0	5
50	Chemical inducers for resistance induction against powdery mildew of cucumber under greenhouse conditions. Acta Phytopathologica Et Entomologica Hungarica, 2017, 52, 49-60.	0.1	5
51	Contamination, dynamics, and health risk assessment of pesticides in seawater and marine samples from the Seto Inland Sea, Japan. Environmental Science and Pollution Research, 2022, 29, 67894-67907.	2.7	5
52	Resistance Induction and Direct Antifungal Activity of Some Monoterpenes against Rhizoctonia solani, the Causal of Root Rot in Common Bean. Life, 2022, 12, 1040.	1.1	5
53	Cultural filtrates of certain microbial isolates as an alternative to powdery mildew chemical control in cucumbers. Journal of Pesticide Sciences, 2011, 36, 402-406.	0.8	4
54	New trends for controlling Sitophilus oryzae concerning adult mortality, offspring production, mode of action, and grain quality. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2021, 16, 343-351.	0.5	3

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55	Efficacy of spearmint oil and powder as alternative of chemical control against C. maculatus in Cowpea Seeds. Egyptian Academic Journal of Biological Sciences F Toxicology & Pest Control, 2010, 2, 53-61.	0.1	3
56	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, .	1.5	3
57	Ecotoxicological and human health risk assessment of selected pesticides in Kurose River, Higashiâ€Hiroshima City (Japan). Water Environment Research, 2022, 94, e1676.	1.3	2
58	Developing Ag2O and Ag2O/TiO2 nanostructures as a new strategy for control late blight of potato caused by Phytophthora infestans. Physiological and Molecular Plant Pathology, 2022, 120, 101856.	1.3	2
59	Microbial Degradation of Fenitrothion in Kurose River Water, Hiroshima Prefecture, Japan. Research Journal of Environmental Sciences, 2020, 14, 5-17.	0.5	1
60	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.	0.3	0
61	Fenton as advanced oxidation process for controlling downy mildew of cucumber under greenhouse conditions. Journal of Crop Protection, 2016, 5, 483-496.	0.5	0