Ivan N Minkov

List of Publications by Year
in descending order

48 papers	1,872 citations	471509 17 h-index	265206 42 g-index
49 all docs	49 docs citations	49 times ranked	2875 citing authors

#	Article	IF	Citations
1	Plant-Derived Recombinant Vaccines against Zoonotic Viruses. Life, 2022, 12, 156.	2.4	9
2	The Multiverse of Plant Small RNAs: How Can We Explore It?. International Journal of Molecular Sciences, 2022, 23, 3979.	4.1	4
3	Plantâ€based expression and characterization of SARSâ€CoVâ€2 virusâ€like particles presenting a native spike protein. Plant Biotechnology Journal, 2022, 20, 1363-1372.	8.3	23
4	Efficient Production of Chimeric Hepatitis B Virus-Like Particles Bearing an Epitope of Hepatitis E Virus Capsid by Transient Expression in Nicotiana benthamiana. Life, 2021, 11, 64.	2.4	15
5	Rapid High-Yield Transient Expression of Swine Hepatitis E ORF2 Capsid Proteins in Nicotiana benthamiana Plants and Production of Chimeric Hepatitis E Virus-Like Particles Bearing the M2e Influenza Epitope. Plants, 2020, 9, 29.	3.5	15
6	Increasing Hepatitis E Virus Seroprevalence in Domestic Pigs and Wild Boar in Bulgaria. Animals, 2020, 10, 1521.	2.3	22
7	Detection of Serum Antibodies to Hepatitis E Virus Based on HEV Genotype 3 ORF2 Capsid Protein Expressed in Nicotiana benthamiana. Annals of Laboratory Medicine, 2017, 37, 313-319.	2.5	16
8	Investigation of Fasciculation and Elongation Protein Î¶-1 (FEZ1) in Peripheral Blood Reveals Differences in Gene Expression in Patients with Schizophrenia. Balkan Journal of Medical Genetics, 2015, 18, 31-38.	0.5	10
9	Detection of Potato spindle tuber viroid sequence variants derived from PSTVd-infectedPhelipanche ramosain flower organs of tomato plants. Biotechnology and Biotechnological Equipment, 2014, 28, 402-407.	1.3	1
10	A novel Cry9Aa with increased toxicity for Spodoptera exigua (HÃ¼bner). Journal of Invertebrate Pathology, 2014, 115, 99-101.	3.2	12
11	Molecular mechanisms of desiccation tolerance in the resurrection glacial relic Haberlea rhodopensis. Cellular and Molecular Life Sciences, 2013, 70, 689-709.	5.4	168
12	isomiRex: Webâ€based identification of microRNAs, isomiR variations and differential expression using nextâ€generation sequencing datasets. FEBS Letters, 2013, 587, 2629-2634.	2.8	61
13	The Use of Transient Expression Systems for the Rapid Production of Virus-like Particles in Plants. Current Pharmaceutical Design, 2013, 19, 5564-5573.	1.9	62
14	Identification of mtDNA 7028C and 16519T Polymorphisms in a Pediatric-Onset Cyclic Vomiting Syndrome (CVS) Patient. Biotechnology and Biotechnological Equipment, 2013, 27, 4111-4114.	1.3	0
15	Micro RNA HSA-486-3P Gene Expression Profiling in the Whole Blood of Patients with Autism. Biotechnology and Biotechnological Equipment, 2012, 26, 3385-3388.	1.3	14
16	Assessment of Genetic Diversity ofHaberlea RhodopensisFriv. by ITS1 Markers. Biotechnology and Biotechnological Equipment, 2012, 26, 26-31.	1.3	0
17	Initial Determination of Polymorphism andIn VitroConservation of SomeRamonda SerbicaandRamonda NathaliaePopulations from Albania, Macedonia and Bulgaria. Biotechnology and Biotechnological Equipment, 2012, 26, 16-25.	1.3	9
18	Characterization of the uterine leiomyoma microRNAome by deep sequencing. Genomics, 2012, 99, 275-281.	2.9	66

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19	Identification of cis-regulatory elements specific for different types of reactive oxygen species in Arabidopsis thaliana. Gene, 2012, 499, 52-60.	2.2	36
20	Molecular cloning and characterization of cDNAs of the superoxide dismutase gene family in the resurrection plant Haberlea rhodopensis. Plant Physiology and Biochemistry, 2012, 55, 85-92.	5.8	16
21	Carboxy-terminal extension effects on crystal formation and insecticidal properties of Cry15Aa. Journal of Invertebrate Pathology, 2011, 108, 56-58.	3.2	8
22	Implementation of a de novo genome-wide computational approach for updating Brachypodium miRNAs. Genomics, 2011, 97, 282-293.	2.9	17
23	Isolation and characterization of Arabidopsis mutants with enhanced tolerance to oxidative stress. Acta Physiologiae Plantarum, 2011, 33, 375-382.	2.1	8
24	miRTour: Plant miRNA and target prediction tool. Bioinformation, 2011, 6, 248-249.	0.5	23
25	Identification of Potato Spindle Tuber Viroid Small RNA inOrobanche Ramosaby Microarray. Biotechnology and Biotechnological Equipment, 2010, 24, 144-146.	1.3	1
26	Ecological Characteristics and Conservation of the Protected Resurrection SpeciesHaberlea Rhodopensis Friv.asIn VitroPlants Through a Modified Micropropagation System. Biotechnology and Biotechnological Equipment, 2010, 24, 213-217.	1.3	11
27	Identification of RNA-dependent DNA-methylation regulated promoters in Arabidopsis. Plant Physiology and Biochemistry, 2010, 48, 393-400.	5.8	16
28	Effect of Cadmium onArabidopsis ThalianaMutants Tolerant to Oxidative Stress. Biotechnology and Biotechnological Equipment, 2010, 24, 113-118.	1.3	4
29	Essential global role of CDC14 in DNA synthesis revealed by chromosome underreplication unrecognized by checkpoints in cdc14 mutants. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14466-14471.	7.1	36
30	Prompt response of superoxide dismutase and peroxidase to dehydration and rehydration of the resurrection plant Haberlea rhodopensis. Plant Growth Regulation, 2009, 57, 49-56.	3.4	19
31	Computational identification of novel microRNA homologs in the chimpanzee genome. Computational Biology and Chemistry, 2009, 33, 62-70.	2.3	39
32	Conservation of the Protected Resurection SpeciesRamonda SerbicaPanÄ•â€”Habitat Montana District, Bulgaria asIn Vitro, Plants Through a Modified Micropropagation System. Biotechnology and Biotechnological Equipment, 2009, 23, 369-372.	1.3	11
33	Solubilization, Activation, and Insecticidal Activity ofBacillus thuringiensisSerovar thompsoni HD542 Crystal Proteins. Applied and Environmental Microbiology, 2008, 74, 7145-7151.	3.1	26
34	Expression of Synthetic SN 19 Hybrid Delta-Endotoxin Encoding Gene in Transgenic Potato. Biotechnology and Biotechnological Equipment, 2006, 20, 38-41.	1.3	5
35	Activity of Bacillus thuringiensis Î´-endotoxins against codling moth (Cydia pomonella L.) larvae. Journal of Invertebrate Pathology, 2006, 92, 96-99.	3.2	22
36	Carboxy-Terminal Extension Effects on Crystal Formation and Insecticidal Properties of Colorado Potato Beetle-Active Bacillus thuringiensis Î´-Endotoxins. Molecular Biotechnology, 2006, 32, 185-196.	2.4	10

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37	Transcriptomic Footprints Disclose Specificity of Reactive Oxygen Species Signaling in Arabidopsis Â. Plant Physiology, 2006, 141, 436-445.	4.8	683
38	Hydrogen Peroxide-induced Cell Death in Arabidopsis: Transcriptional and Mutant Analysis Reveals a Role of an Oxoglutarate-dependent Dioxygenase Gene in the Cell Death Process. IUBMB Life, 2005, 57, 181-188.	3.4	117
39	Organization of protochlorophyllide oxidoreductase in prolamellar bodies isolated from etiolated carotenoid-deficient wheat leaves as revealed by fluorescence probes. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1716, 97-103.	2.6	10
40	Different responses of tobacco antioxidant enzymes to light and chilling stress. Journal of Plant Physiology, 2003, 160, 509-515.	3.5	107
41	Characterization of the RNA motif responsible for the specific interaction of potato spindle tuber viroid RNA (PSTVd) and the tomato protein Virp1. Nucleic Acids Research, 2003, 31, 5534-5543.	14.5	82
42	Investigation of the porphyrins accumulation in barley leaves incubated with Mn2+ cations and Î´-aminolevulinic acid. Journal of Plant Physiology, 2002, 159, 1047-1053.	3.5	2
43	Carotenoid dependence of the protochlorophyllide to chlorophyllide phototransformation in dark-grown wheat seedlings. Journal of Photochemistry and Photobiology B: Biology, 2001, 65, 171-176.	3.8	7
44	Induction of Porphyrin Biosynthesis by 5-Aminolevulinic Acid, Glutamic Acid, and 1,10-Phenanthroline and Their Possible Photodynamic Action in Wheat and Mustard Plants. Photosynthetica, 2001, 39, 597-601.	1.7	1
45	Enhanced chlorophyllide accumulation after flash irradiation of etiolated wheat plants treated with SAN-9789. Journal of Plant Physiology, 1997, 151, 649-653.	3.5	4
46	Protochlorophyllide and Chlorophyllide in Reformed Prolamellar Bodies and Thylakoids of Irradiated Dark-grown Wheat (Triticum aestivum L.). Journal of Plant Physiology, 1993, 141, 708-713.	3.5	3
47	Properties of reformed prolamellar bodies from illuminated and redarkened etiolated wheat plants. Physiologia Plantarum, 1988, 72, 725-732.	5.2	23
48	A strategy for conservation and investigation of the protected resurrection plant Haberlea rhodopensis Friv.. BioRisk, 0, 6, 41-60.	0.2	16