

# Basel Khraiwesh

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,173  
citations

643344

15  
h-index

466096

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2018, 8, 16951.	1.6	82
2	Mapping of HKT1;5 Gene in Barley Using GWAS Approach and Its Implication in Salt Tolerance Mechanism. <i>Frontiers in Plant Science</i> , 2018, 9, 156.	1.7	95
3	Alternative Poly(A) Tails Meet miRNA Targeting in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2017, 206, 755-756.	1.2	4
4	Intracellular spectral repositioning of light enhances algal photosynthetic efficiency. <i>Science Advances</i> , 2017, 3, e1603096.	4.7	42
5	The genome and phenome of the green alga <i>Chloroidium</i> sp. UTEX 3007 reveal adaptive traits for desert acclimatization. <i>ELife</i> , 2017, 6, .	2.8	16
6	Advances in Biotechnology for Sustainable Development. <i>BioMed Research International</i> , 2016, 2016, 1-2.	0.9	1
7	Algal Cell Factories: Approaches, Applications, and Potentials. <i>Marine Drugs</i> , 2016, 14, 225.	2.2	65
8	Systems level analysis of the <i>Chlamydomonas reinhardtii</i> metabolic network reveals variability in evolutionary co-conservation. <i>Molecular BioSystems</i> , 2016, 12, 2394-2407.	2.9	12
9	The in vitro selection world. <i>Methods</i> , 2016, 106, 3-13.	1.9	41
10	Single-Cell Characterization of Microalgal Lipid Contents with Confocal Raman Microscopy. <i>Series in Bioengineering</i> , 2016, , 363-382.	0.3	3
11	Genome-wide expression analysis offers new insights into the origin and evolution of <i>Physcomitrella patens</i> stress response. <i>Scientific Reports</i> , 2015, 5, 17434.	1.6	54
12	An integrative Raman microscopy-based workflow for rapid in situ analysis of microalgal lipid bodies. <i>Biotechnology for Biofuels</i> , 2015, 8, 164.	6.2	58
13	Molecular Genetic Techniques for Algal Bioengineering. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 155-171.	0.1	2
14	Prospective Applications of Synthetic Biology for Algal Bioproduct Optimization. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 137-154.	0.1	2
15	Toward Applications of Genomics and Metabolic Modeling to Improve Algal Biomass Productivity. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 173-189.	0.1	5
16	Whole-Genome Resequencing Reveals Extensive Natural Variation in the Model Green Alga <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2015, 27, 2353-2369.	3.1	92
17	Subtractive hybridization-mediated analysis of genes and <i>in silico</i> prediction of associated microRNAs under waterlogged conditions in sugarcane ( <i>Saccharum</i> spp.). <i>FEBS Open Bio</i> , 2014, 4, 533-541.	1.0	16
18	Molecular cloning and characterization of Polygalacturonase-Inhibiting Protein and Cinnamoyl-Coa Reductase genes and their association with fruit storage conditions in blueberry ( <i>Vaccinium</i> ) Tj ETQq0 0 0 rgBT /Ovæðlock 10Æf 50 57 Tc		

#	ARTICLE	IF	CITATIONS
19	Role of RNA Interference (RNAi) in the Moss <i>Physcomitrella patens</i> . <i>International Journal of Molecular Sciences</i> , 2013, 14, 1516-1540.	1.8	25
20	Identification and Analysis of Red Sea Mangrove ( <i>Avicennia marina</i> ) microRNAs by High-Throughput Sequencing and Their Association with Stress Responses. <i>PLoS ONE</i> , 2013, 8, e60774.	1.1	33
21	Role of miRNAs and siRNAs in biotic and abiotic stress responses of plants. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 137-148.	0.9	889
22	Expression of Artificial MicroRNAs in <i>Physcomitrella patens</i> . <i>Methods in Molecular Biology</i> , 2012, 847, 293-315.	0.4	2
23	Use of Northern Blotting for Specific Detection of Small RNA Molecules in Transgenic Plants. <i>Methods in Molecular Biology</i> , 2012, 847, 25-32.	0.4	3
24	Environmental Biotechnology Under A Changing Climate. <i>Journal of Biotechnology &amp; Biomaterials</i> , 2012, 01, .	0.3	1
25	Using Nuclear Run-On Transcription Assays in RNAi Studies. <i>Methods in Molecular Biology</i> , 2011, 744, 199-209.	0.4	4
26	Treatments that suppress ethylene production or ethylene action modify <i>ADH</i> and <i>AAT</i> gene expression and aroma-related enzyme activities in "Delbarde Estivale" apple: consequences for the aroma profiles of fruit. <i>Journal of Horticultural Science and Biotechnology</i> , 2011, 86, 182-188.	0.9	25
27	Gene Function Analysis by Artificial MicroRNAs in <i>Physcomitrella patens</i> . <i>Methods in Molecular Biology</i> , 2011, 744, 57-79.	0.4	9
28	RNA-Mediated Crop Improvement. <i>Journal of Biotechnology &amp; Biomaterials</i> , 2011, 01, .	0.3	1
29	Transcriptional Control of Gene Expression by MicroRNAs. <i>Cell</i> , 2010, 140, 111-122.	13.5	431
30	Characterization of blueberry monodehydroascorbate reductase gene and changes in levels of ascorbic acid and the antioxidative capacity of water soluble antioxidants upon storage of fruits under various conditions. <i>Scientia Horticulturae</i> , 2010, 125, 390-395.	1.7	14
31	Specific Gene Silencing by Artificial MicroRNAs in <i>Physcomitrella patens</i> : An Alternative to Targeted Gene Knockouts. <i>Plant Physiology</i> , 2008, 148, 684-693.	2.3	109
32	Nitrate content in lettuce ( <i>Lactuca sativa</i> L) heads in relation to plant spacing, nitrogen form and irrigation level. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 931-936.	1.7	32