Panagiota S Filippou

List of Publications by Citations

42 papers	1,334 citations	17 h-index	36 g-index
45 ext. papers	1,660 ext. citations	5.3 avg, IF	4.8 L-index

#	Paper	IF	Citations
42	Oxidative and nitrosative-based signaling and associated post-translational modifications orchestrate the acclimation of citrus plants to salinity stress. *Plant Journal*, **2012**, 72, 585-99	6.9	212
41	Polyamines reprogram oxidative and nitrosative status and the proteome of citrus plants exposed to salinity stress. *Plant, Cell and Environment*, **2014**, 37, 864-85	8.4	131
40	Proline and reactive oxygen/nitrogen species metabolism is involved in the tolerant response of the invasive plant species Ailanthus altissima to drought and salinity. *Environmental and Experimental Botany*, **2014**, 97, 1-10	5.9	126
39	Sodium hydrosulfide induces systemic thermotolerance to strawberry plants through transcriptional regulation of heat shock proteins and aquaporin. *BMC Plant Biology*, **2014**, 14, 42	5.3	114
38	The nitric oxide donor sodium nitroprusside regulates polyamine and proline metabolism in leaves of Medicago truncatula plants. *Free Radical Biology and Medicine*, **2013**, 56, 172-83	7.8	94
37	Effect of drought and rewatering on the cellular status and antioxidant response of Medicago truncatula plants. *Plant Signaling and Behavior*, **2011**, 6, 270-7	2.5	91
36	Nitrosative responses in citrus plants exposed to six abiotic stress conditions. *Plant Physiology and Biochemistry*, **2013**, 68, 118-26	5.4	84
35	Roles of sodium hydrosulfide and sodium nitroprusside as priming molecules during drought acclimation in citrus plants. *Plant Molecular Biology*, **2015**, 89, 433-50	4.6	57
34	Midkine (MDK) growth factor: a key player in cancer progression and a promising therapeutic target. *Oncogene*, **2020**, 39, 2040-2054	9.2	48
33	Kallikrein-related peptidases (KLKs) and the hallmarks of cancer. *Critical Reviews in Clinical Laboratory Sciences*, **2016**, 53, 277-91	9.4	44
32	Proteomics in the fruit tree science arena: new insights into fruit defense, development, and ripening. *Proteomics*, **2013**, 13, 1871-84	4.8	35
31	Kresoxim-methyl primes Medicago truncatula plants against abiotic stress factors via altered reactive oxygen and nitrogen species signalling leading to downstream transcriptional and metabolic readjustment. *Journal of Experimental Botany*, **2016**, 67, 1259-74	7	28
30	Effect of polyamines and synthetic polyamine-analogues on the expression of antizyme (AtoC) and its regulatory genes. *BMC Biochemistry*, **2007**, 8, 1	4.8	28
29	Developmental stage- and concentration-specific sodium nitroprusside application results in nitrate reductase regulation and the modification of nitrate metabolism in leaves of Medicago truncatula plants. *Plant Signaling and Behavior*, **2013**, 8,	2.5	27
28	NO loading: Efficiency assessment of five commonly used application methods of sodium nitroprusside in Medicago truncatula plants. *Plant Physiology and Biochemistry*, **2012**, 60, 115-8	5.4	23
27	Effect of histamine on the signal transduction of the AtoS-AtoC two component system and involvement in poly-(R)-3-hydroxybutyrate biosynthesis in Escherichia coli. *Amino Acids*, **2008**, 35, 45-52	3.5	19
26	Functional characterization of the histidine kinase of the E. coli two-component signal transduction system AtoS-AtoC. *Biochimica Et Biophysica Acta - General Subjects*, **2008**, 1780, 1023-31	4	17

25	Establishment of a rapid, inexpensive protocol for extraction of high quality RNA from small amounts of strawberry plant tissues and other recalcitrant fruit crops. *Gene*, **2014**, 537, 169-73	3.8	15
24	Plant Acclimation to Environmental Stress Using Priming Agents **2013**, 1-27		14
23	Strobilurins as growth-promoting compounds: how Stroby regulates Arabidopsis leaf growth. *Plant, Cell and Environment*, **2017**, 40, 1748-1760	8.4	13
22	A new enzyme-linked immunosorbent assay (ELISA) for human free and bound kallikrein 9. *Clinical Proteomics*, **2017**, 14, 4	5	11
21	The Contribution of Race to Breast Tumor Microenvironment Composition and Disease Progression. *Frontiers in Oncology*, **2020**, 10, 1022	5.3	10
20	Application of sodium nitroprusside results in distinct antioxidant gene expression patterns in leaves of mature and senescing Medicago truncatula plants. *Protoplasma*, **2014**, 251, 973-8	3.4	10
19	Regulation of the Escherichia coli AtoSC two component system by synthetic biologically active 5;7;8-trimethyl-1;4-benzoxazine analogues. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 5061-70	3.4	9
18	Novel immunoassays for detection of CUZD1 autoantibodies in serum of patients with inflammatory bowel diseases. *Clinical Chemistry and Laboratory Medicine*, **2017**, 55, 1574-1581	5.9	8
17	Extracellular proteolysis in glioblastoma progression and therapeutics. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2020**, 1874, 188428	11.2	8
16	Cancer and Parkinson's Disease: Common Targets, Emerging Hopes. *Movement Disorders*, **2021**, 36, 340-346	7	8
15	Biochemical and functional characterization of the human tissue kallikrein 9. *Biochemical Journal*, **2017**, 474, 2417-2433	3.8	6
14	Screening of chemical libraries in pursuit of kallikrein-5 specific inhibitors for the treatment of inflammatory dermatoses. *Clinical Chemistry and Laboratory Medicine*, **2019**, 57, 1737-1743	5.9	6
13	Exploring the potential of mucin 13 (MUC13) as a biomarker for carcinomas and other diseases. *Clinical Chemistry and Laboratory Medicine*, **2018**, 56, 1945-1953	5.9	6
12	The Cancer Cell Dissemination Machinery as an Immunosuppressive Niche: A New Obstacle Towards the Era of Cancer Immunotherapy. *Frontiers in Immunology*, **2021**, 12, 654877	8.4	5
11	Biochemical characterization of human tissue kallikrein 15 and examination of its potential role in cancer. *Clinical Biochemistry*, **2018**, 58, 108-115	3.5	3
10	Systems biology reveals key tissue-specific metabolic and transcriptional signatures involved in the response of plant genotypes to salt stress. *Computational and Structural Biotechnology Journal*, **2021**, 19, 2133-2147	6.8	3
9	Kallikrein-related peptidases protein expression in lymphoid tissues suggests potential implications in immune response. *Clinical Biochemistry*, **2020**, 77, 41-47	3.5	2
8	Involvement of Polyamine Metabolism in the Response of Genotypes to Salt Stress. *Plants*, **2021**, 10,	4.5	2

7	Expression profile of human tissue kallikrein 15 provides preliminary insights into its roles in the prostate and testis. *Clinical Biochemistry*, **2018**, 59, 78-85	3.5	1
6	Generation of monoclonal antibodies and development of an immunofluorometric assay for the detection of CUZD1 in tissues and biological fluids. *Clinical Biochemistry*, **2017**, 50, 1168-1174	3.5	1
5	Half-Century of Cancer Biomarkers: Lessons from the Past and Projections for the Future. *journal of applied laboratory medicine, The*, **2017**, 2, 288-290	2	1
4	Tissue-specific elucidation of lycopene metabolism in commercial tomato fruit cultivars during ripening. *Scientia Horticulturae*, **2021**, 284, 110144	4.1	1
3	Role of Nitrosative Signaling in Response to Changing Climates **2013**, 137-162		0
2	Message in the bottle: regulation of the tumor microenvironment via exosome-driven proteolysis.. *Cancer and Metastasis Reviews*, **2022**, 1	9.6	0
1	Transcriptome profiling and proteomic validation reveals targets of the androgen receptor signaling in the BT-474 breast cancer cell line.. *Clinical Proteomics*, **2022**, 19, 14	5	0