

**Списък на забелязани цитати на публикациите на
гл. ас. д-р Калина Иванова Ананиева**

Tsonev T, Stanev V, Angelov M, Stoyanova Ts, **Dobrinova K**, Danailov Zh. Comparative investigations of photosynthesis in cultivated and wild tomato genotypes. *Plant Physiol*, XIII, 3, 3-8, 1987 (in Bulg)

Цитирана от:

1. Жакотэ АГ, Харти ВГ. Сель. Хоз. Биология, 5, 82-88, 1990

Tsonev T, Stanev V, **Dobrinova K**, Djelepova I. Changes in photosynthetic parameters of different bean varieties submitted to water stress. *Plant Physiol*, XII, 2, 3-7, 1986 (in Bulg)

Цитирана от:

2. Borosic J, Romic D, Dolanjski D. 2000. Growth and yield components of dwarf French bean grown under irrigation conditions. *8th International Symposium on Timing of Field Production in Vegetable Crops* (533): 451-459. (edited by Damato G., Stoffella P.J., Cantliffe D.J.) presented at 8th International Symposium on Timing of Field Production in Vegetable Crops in BARI, ITALY, OCT 15-18, 1997

Соколов В, Шумный В, Цонев Ц, Станев В, Дананилов Ж., **Добринова К.** Частота, размер и функциональные характеристики устьиц в связи с гетерозисом у гороха. *Изв. СО АН СССР, сер. Биол*, 2, 89-94, 1988

Цитирана от:

3. Davydov VA. *Soviet Plant Physiology*, 38(3), 445-448, 1991
4. Ladygin VG, Kosobryukhov AA, Vaishlya OB. Pigments and gas exchange characteristics in leaves of chlorophyll mutants of *Pisum*

sativum. Russian Journal of Plant Physiology, 51 (5), 597-603, 2004
(IF)

5. Ladygin VG. Photosystem damage and spatial architecture of thylakoids in chloroplasts of pea chlorophyll mutants. Biology Bulletin 31 (3), 268-276, 2004

Angelov M, Tsonev T, **Dobrinova K**, Velikova V, Stoyanova T. Changes in some photosynthetic parameters in pea plants after treatment with cobalt. Photosynthetica, 28(2), 289-295, 1993

Цитирана от:

6. Nagoor S, Vyas AV. Physiological and biochemical responses of cereal seedlings to graded levels of heavy metals. III. Effects of copper on protein metabolism in wheat seedlings. Journal of Environ Bot, 20, 125-129, 1999 **(IF)**
7. Joshi MK, Mohanty P. Chlorophyll fluorescence as a heavy metal ion toxicity in plants. In: Chlorophyll a Fluorescence: A Signature of Photosynthesis, (Papageorgiou GC and Govindjee, eds). ISBN 1-4020-3217-X (HB) Springer, Dordrecht, The Netherlands, Chapter 25, p.637-661, 2004 **(book)**
8. Rancelis V, Cesniene T, Zvingila D, Barysas D, Balciuniene L, Dapkuniene S. Polymorphism of response to cobalt excess in individual *Vicia faba* plants. Environ Exp Bot, 55 (3), 221-234, 2006 **(IF)**

Ananiev E, **Ananieva K**. Comparative effects of methyl ester of jasmonic acid, abscisic acid and benzyladenine on chlorophyll content and photosynthesis in excised cotyledons of *Cucurbita pepo* L. (zucchini). Compt Rend Acad bulg Sci, 53(5), 85-88, 2000

Цитирана от:

9. Gan Guo-ping. Effects of MeJA, ABA and BA on chlorophyll synthesis in excised cotyledons of *Cucumis sativus*. Acta Agriculturae Jiangxi, 21(7), 2009

Ananieva K. Ananiev E. Interaction between methyl ester of jasmonic acid and benzyladenine during the growth of excised greening cotyledons of *Cucurbita pepo* L. (zucchini). Bulg J Plant Physiol, 26(1-2), 48-57, 2000

Цитирана от:

10. Петров ПИ. Дисертация “Доктор”, ИФР-БАН, 2006
11. Стойнова-Бакалова Е. Дисертация “Доктор на науките”, ИФР-БАН, 2008
12. Zhang L., Xing D. Methyl jasmonate induces production of reactive oxygen species and alterations in mitochondrial dynamics that precede photosynthetic dysfunctions and subsequent cell death. Plant Cell Physiol., 49 (7), 1092-1111, 2008 (IF)

Tchorbadjieva M, **Ananieva K.** Ananiev ED. Two-dimensional gel electrophoretic analysis of proteins in excised cotyledons of *Cucurbita pepo* (zucchini) after hormone treatment. Compt Rend Acad bulg Sci, 57(12), 95-102, 2004

Цитирана от:

13. Васева-Гемишева И. Дисертация “Доктор”, ИФР-БАН, 2006

Ananieva K. Ananiev ED. Phenylmethylsulfonyl fluoride inhibits the formation of jasmonate-induced proteins in excised cotyledons of *Cucurbita pepo* L. (zucchini). Biologia Plantarum, 46 (3), 357-362, 2003

Цитирана от:

14. Dimitrov MI, Donchev AD, Kolev KG. Jasmonic acid level and seed development in sunflower (*Helianthus annuus* L.). Gen Appl Plant Physiol, 31 (3-4), 135-142, 2005

Ananieva K, Malbeck J, Kaminek M, van Staden J. Changes in endogenous cytokinin levels in cotyledons of *Cucurbita pepo* (zucchini) during natural and dark-induced senescence. *Physiol Plant*, 122, 133-142, 2004

Цитирана от:

15. Tarkowski P, Tarkowská D, Novák O, Mihaljević S, Magnus V, Strnad M, Salopek-Sond B. Cytokinins in the perianth, carpels, and developing fruit of *Helleborus niger* L. *J Exp Bot*, 57 (10), 2237-2247, 2006 (IF)
16. Stoynova-Bakalova E, Petrov P. Control by cytokinins of the cellular behavior in the plate meristem of zucchini cotyledons. *Planta*, 223(6), 1256-1262, 2006 (IF)
17. Batková P, Pospíšilová J, Vágner M, Malbeck J, Trávníčková A. In: Vliv abiotických a biotických stresorů na vlastnosti rostlin 2005 (sborník příspěvků). Changes in endogenous cytokinin contents induced by water stress and rehydration. 239-247, 2005
18. Pospíšilová J, Vágner M, Malbeck J, Trávníčková A, Batková P. Interactions between abscisic acid and cytokinins during water stress and subsequent rehydration. *Biologia Plantarum*, 49, 533-540, 2005 (IF)
19. Yonova P, Stoilkova G. Antisenescence effect of 2-pyridylureas with un- and cyclic- ureido group. *Gen Appl Plant Physiol*, 31 (3-4), 197-214, 2005
20. Петров ПИ. Дисертация “Доктор”, ИФР-БАН, 2006
21. Mishev K, Denev I, Radeva G, Ananiev ED. RNA transcription in isolated chloroplasts during senescence and rejuvenation of intact cotyledons of *Cucurbita pepo* (zucchini). *Compt Rend Acad bulg Sci*, 59 (12), 1287-1292, 2006
22. Haisel D, Pospíšilová J, Synková H, Schnablová R, Batková P. Effects of abscisic acid or benzyladenine on pigment contents, chlorophyll fluorescence, and chloroplast ultrastructure during water stress and after rehydration. *Photosynthetica* 44(4), 606-614, 2006 (IF)

23. Hong J H , Chung G H , Cowan K. *Lyso* -phosphatidylethanolamine-enhanced phenylalanine ammonia-lyase and insoluble acid invertase in isolated radish cotyledons. *Plant Growth Regul*, 57(1), 69-78, 2009
(IF)
24. Мишев К. Дисертация “Доктор”, ИФР-БАН, 2009
25. Dey SK. Changes in some aspects of oxidative metabolism in senescing mungbean cotyledons as affected by seedling decapitation. *Indian J Plant Physiol.*, 13 (3), 2008
26. Rodrigues MA. Sinalizacao no ganho de competencia para a conversao de meristemas apicais radiculares de *Catsetum fimbriatum* em gemas caulinares. Tese Doutorado, Universidade de São Paulo, São Paulo, 2008
27. Duan Qing-qing, Ding M, Jiang W, Huang Dan-feng. Effects of darkness on ultrastructure in chloroplast of watermelon seedling leaves. *Journal of Chinese Electron Microscopy Society*, 28(3), 2009
28. Jiang Wu, Duan Qing-qing, Huang Dan-feng, Ni Yi-fa, Ding M. Effect of light intensity on physiological characteristics of watermelon plug seedlings after storage in darkness. *Northern Horticulture*, 15, 2010
29. Huang Y-Q, Liu J-Q, Gong H, Yang J, Li Y, Feng Y-Q. Use of isotope mass probes for metabolic analysis of the jasmonate biosynthetic pathway. *Analyst*, 136(7), 1515-1522, 2011

Ananieva K, Malbeck J, Kaminek M, van Staden J. Methyl jasmonate down-regulates endogenous cytokinin levels in cotyledons of *Cucurbita pepo* (zucchini) seedlings. *Physiol Plant*, 122, 496-503, 2004

Цитирана от:

30. In: Senescence process in plants. *Annual Plant Reviews*, vol. 26, Susheng Gan (Ed.), Chapter 7: Developmental and hormonal control of leaf senescence. J. Schippers, Hai-Chun Jing, J. Hille, P.P. Dukwell, 145-164, Blackwell Publishing, 2007 **(book)**
31. Петров ПИ. Дисертация “Доктор”, ИФР-БАН, 2006

32. Mishev K, Denev I, Radeva G, Ananiev ED. RNA transcription in isolated chloroplasts during senescence and rejuvenation of intact cotyledons of *Cucurbita pepo* (zucchini). Compt Rend Acad bulg Sci, 59 (12), 1287-1292, 2006
33. Norastehnia A., Sajedi R, Nojavan-Asghari M. Inhibitory effects of methyl jasmonate on seed germination in maize (*Zea mays*): effect on α -amylase activity and ethylene production. Gen Appl Plant Physiol, 33(1-2), 13-25, 2007
34. Мишев К. Дисертация “Доктор”, ИФР-БАН, 2009
35. Сахабутдинова АР, Ласточкина ОВ, Шакирова ФМ. Влияние метилжасмоната на рост и гормональный статус проростков пшеницы. Агрoхимия, 7, 48-53, 2009
36. Zubo YO, Yamburenko MV, Kusnetsov V V, Börner T. Methyl jasmonate, gibberellic acid, and auxin affect transcription and transcript accumulation of chloroplast genes in barley. J Plant Physiol, 168(12), 1335-1344, 2011 (IF)
37. Varanashi VK. Expression studies on EeSTM gene in leafy spurge (*Euphorbia esula* L.) North Dakota State University, PhD thesis, 2008

Ananiev E, **Ananieva K**, Todorov I. Effect of methyl ester of jasmonic acid, abscisic acid and benzyladenine on chlorophyll synthesis in excised cotyledons of *Cucurbita pepo* (zucchini). Bulg J Plant Physiol, 30(1-2), 51-63, 2004

Цитирана от:

38. Singh A, Singh PK. Salicylic acid induced biochemical changes in cucumber cotyledons. Ind J Agric Biochem, 21(1-2), 2008
39. Singh PK, Chaturvedi VK, Bose B. Effects of salicylic acid on seedling growth and nitrogen metabolism in cucumber (*Cucumis sativus* L.). J Stress Physiol Biochem, 6, 102-113, 2010

Ananieva K, Georgieva K, Tzvetkova N, Petkova S, Ananiev ED. Specific effects of darkness and MeJA treatment on senescence related photosynthetic

parameters in intact *Cucurbita pepo* (zucchini) cotyledons. Compt Rend Acad bulg Sci 58 (12), 1433-1438, 2005

Цитирана от:

40. Yonova P, Stoilkova G. Antisenescence effect of 2-pyridylureas with un- and cyclic- ureido group. Gen Appl Plant Physiol, 31 (3-4), 197-214, 2005

Ananieva K, Ananiev ED, Mishev K, Georgieva K, Malbeck J, Kaminek M, van Staden J. Methyl jasmonate is a more effective senescence-promoting factor in *Cucurbita pepo* (zucchini) cotyledons when compared with darkness at the early stage of senescence. J Plant Physiol, 164, 1179-1187, 2007

Цитирана от:

41. Jasid S, Galatro A, Villordo JJ, Pundarulo S, Simontacchi M. Role of nitric oxide in soybean cotyledon senescence. Plant Science, 176, 662-668, 2009 (IF)
42. Qian Y, Zhu Ch, Xia K, Gan L. Effects of methyl dihydrojasmonate on seedling growth and drought resistance in tall fescue. Journal of Nanjing Agricultural University, 32(3), 47-51, 2009
43. Tierrangera-Garcia N, Salinas-Soto P, Torres-Pacheco I, Ocampo-Velazquez R.V. Effect of foliar salicylic acid and methyl jasmonate applications on protection against pill-bugs in lettuce plants (*Lactuca sativa*). Phytoparasitica, 39(2), 137-144, 2011
44. Zubo YO, Yamburenko MV, Kusnetsov VV, Börner T. Methyl jasmonate, gibberellic acid, and auxin affect transcription and transcript accumulation of chloroplast genes in barley. J Plant Physiol, 168(12), 1335-1344, 2011 (IF)
45. Chen Y, Pang Q, Dai S, Wang Y, Chen S, Yan X. Proteomic identification of differently expressed proteins in Arabidopsis in response to methyl jasmonate. J Plant Physiol, 168(10), 995-1008, 2011 (IF)

Ananieva K, Ananiev ED, Mishev K, Georgieva K, Tzvetkova N, van Staden J. Changes in photosynthetic capacity and polypeptide patterns during natural senescence and rejuvenation of *Cucurbita pepo* L. (zucchini) cotyledons. *Plant Growth Regul*, 54, 23-29, 2008

Цитирана от:

46. Jasid S, Galatro A, Villordo JJ, Pundarulo S, Simontacchi M. Role of nitric oxide in soybean cotyledon senescence. *Plant Science*, 176, 662-668, 2009 (IF)

Ananieva K, Ananiev ED, Doncheva S, Georgieva K, Tzvetkova N, Kamínek M, Motyka V, Dobrev P, Gajdošová S, Malbeck J. Senescence progression in a single darkened cotyledon depends on the light status of the other cotyledon in *Cucurbita pepo* (zucchini) seedlings: potential involvement of cytokinins and cytokinin oxidase/dehydrogenase activity. *Physiol Plant*, 134 (4), 609-623, 2008

Цитирана от:

47. Schlüter T, Leide J, Conrad K. Light promotes an increase of cytokinin oxidase/dehydrogenase activity during senescence of barley leaf segments. *J Plant Physiol*, 168(7), 694-698, 2011 (IF)

Mishev K, Stefanov D, **Ananieva K**, Slavov Ch, Ananiev ED. Different effects of dark treatment on pigment composition and photosystem I and II activities in intact cotyledons and primary leaves of *Cucurbita pepo* (zucchini). *Plant Growth Regul*, 58, 61-71, 2009

Цитирана от:

48. Falqueto AR, Silva FSP, Cassol D, Ariano M, Oliveira A, Bacarin M. Chlorophyll fluorescence in rice: probing of senescence driven

changes of PSII activity on rice varieties differing in grain yield capacity. Braz J Plant Physiol, 22(1), 2010 **(IF)**

Ananieva K. Ananiev ED. Comparative study of the effects of methyl jasmonate and abscisic acid on RNA and protein synthesis in excised cotyledons of *Cucurbita pepo* L. (zucchini). Bulg J Plant Physiol, 23(3-4), 80-90, 1997

Цитирана от:

49. Czerpak R, Piotrowska A, Szulecka K. Jasmonic acid affects changes in the growth and some properties in alga *Chlorella vulgaris*. Acta Physiol Plant, 28(3), 195-203, 2006 **(IF)**
50. Cavusoglu K, Kabar K. Does jasmonic acid prevent the germination of barley seeds? SDÜ FEN EDEBIYAT FAKÜLTESİ FEN DERGİSİ (E-DERGI), 1(1-2), 35-41, 2006
51. Cavusoglu K, Kabar K. Comparison of antagonisms between abscisic acid and various growth stimulators during germination of barley and radish seeds. EurAsian Journal of BioSciences, 2, 11-21, 2007
52. Cavasoglu K, Kabar K, Kilic S. Effects of some plant growth regulators on jasmonic acid induced inhibition of seed germination and seedling growth of barley. SDÜ FEN EDEBIYAT FAKÜLTESİ FEN DERGİSİ (E-DERGI), 2(1), 53-59, 2007
53. Kilic S, Cavusoglu K, Kabar K. Effect of abscisic acid on the root, stem and leaf anatomy of radish seedlings. Int J Natural Engin Sci, 2(3), 7-11, 2008
54. Kilic S, Cavusoglu K, Kabar K. Effects of jasmonic acid on the root, stem and leaf anatomy of radish seedlings. Journal of Applied Biological Sciences, 2(3), 75-78, 2008

Ananieva K, Ananiev ED. Effect of methyl ester of jasmonic acid and benzylaminopurine on growth and protein profile of excised cotyledons of *Cucurbita pepo* (zucchini). *Biologia Plantarum*, 42(4), 549-557, 1999

Цитирана от:

55. Сергиев И. Дисертация “Доктор” ИФР-БАН, София, 1999
56. Fedina I.S, Benderliev K. Response of *Scenedesmus incrassatulus* to salt stress as affected by methyl jasmonate. *Biologia Plantarum*, 4 (4), 625-627, 2000 (IF)
57. Stoynova-Bakalova E Z, Petrov P, Karanov E N. Effects of benzylaminopurine and abscisic acid on distribution of rRNA in the palisade cells of excised *Cucurbita pepo* cotyledons. *Biologia Plantarum*, 44 (3), 355-360, 2001 (IF)
58. Odjakova M, Ch. Hadjiivanova. The complexity of pathogen defense in plants. *Bulg J Plant Physiol*, 27 (1-2), 101-109, 2001
59. Gachomo EW, Shonukan OO, Kotchoni SO. The molecular initiation and subsequent acquisition of disease resistance in plants. *Afric J Biotechnol*, 2 (2), 26-32, 2003 (review)
60. Popova N, Petkova S, Stefanov B, Angelova Y, Iliev L. Influence of jasmonic acid methyl ester on protein content and proteolytic activity of young maize seedlings. *Compt Rend Acad bulg Sci*, 57 (2), 2004
61. Stefanov B, Popova N, Iliev L. Influence of low temperature treatment on growth and protein composition of young maize seedlings grown in the presence of calcium ions and benzyladenine. *Compt Rend Acad bulg Sci*, 58 (2), 205-208, 2005
62. Wang Y-H., Zhang P-F, Chen J-Q. Disease resistance genes and mechanisms in plants. *Chinese Bull Bot*, 22(1), 92-99, 2005
63. Petkova S, Popova N, Angelova Y, Stefanov B, Iliev L. Inhibitory effect of some plant growth regulators and chlorsulfuron on growth, protein composition and proteolytic activity of maize seedlings. *Biotechnol Biotechnol Eq*, 17(2), 77-83, 2003 (IF)
64. Dimitrov MI, Donchev AD, Kolev KG. Jasmonic acid level and seed development in sunflower (*Helianthus annuus* L.). *Gen Appl Plant Physiol*, 31 (3-4), 135-142, 2005

65. Петров ПИ. Дисертация “Доктор”, ИФР-БАН, София, 2006
66. Walid A. Screening of plant suspension cultures for antimicrobial activities and characterization of antimicrobial proteins from *Arabidopsis thaliana*. PhD thesis, Würzburg, Germany, 2007
67. Стойнова-Бакалова Е. Дисертация “Доктор на науките”, ИФР-БАН, 2008
68. Stoynova-Bakalova E, Petrov PI, Gigova L, Baskin TI. Differential effects of methyljasmonate on growth and division of etiolated *Cucurbita pepo* (zucchini) cotyledons. *Plant Biology*, 10 (4), 276-284, 2008 **(IF)**
69. Zhang Lingrui, Xing Da. Methyl jasmonate induces production of reactive oxygen species and alterations in mitochondrial dynamics that precede photosynthetic dysfunctions and subsequent cell death. *Plant Cell Physiol.*, 49 (7), 1092-1111, 2008 **(IF)**
70. Criado MV, Caputo C, Roberts IN, Castro MA, Barneix AJ. Cytokinin-induced changes of nitrogen remobilization and chloroplast ultrastructure in wheat (*Triticum aestivum*). *J Plant Physiol*, 166(16), 1775-1785, 2009 **(IF)**
71. Transgenic Crop Plants, vol. 2: Utilization and Biosafety. Eds.: Ch. Kole, A. Abbott, Ch. Michler, Th. Hall, Springer Heidelberg Dordrecht London New York, 2009, Chapter 1, p. 50 **(book)**
72. Yonova P. Design, synthesis and properties of synthetic cytokinins. Recent advances on their application. *GAPP*, vol. XXXVI (3-4), 124-147, 2010

Общ брой цитати: 72

От тях:

В български списания - 12

В чуждестранни списания и книги - 47

В дисертации – 13

26.09.2011 г.