СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ

на гл. ас. д-р Кирил Михайлов Мишев

№	Публикация	Квартил	JCR IF
1	Vaseva I.I., **Mishev K.**, Depaepe T., Vassileva V., Van Der Straeten D., **2021**. The diverse salt-stress response of Arabidopsis *ctr1-1* and *ein2-1* ethylene signaling mutants is linked to altered root auxin homeostasis. *Plants*, **10**(3): 452.	**Q1** (JCR, 2019) Q1 (SJR, 2019)	2.762 (2019)
2	Ananieva K., Gesheva E., **Mishev K.**, Stanilova M., **2020**. Antioxidant capacity of two endemic *Verbascum* species. *Comptes rendus de l'Académie Bulgare des Sciences*, **73**(6): 809-815.	**Q2** (SJR, 2019)	0.343 (2019)
3	Georgiev O., **Mishev K.**, Krasnikova M., Kitanova M., Dimitrova A., Karagyozov L., **2019**. The *Hordeum bulbosum* 25S-18S rDNA region: comparison with *Hordeum vulgare* and other Triticeae. *Zeitschrift für Naturforschung C*, **74**(11-12): 319-328.	**Q4** (JCR)	1.238 (2019)
4	Dejonghe W., Sharma I., Denoo B., De Munck S., Lu Q., **Mishev K.**, Bulut H., Mylle E., De Rycke R., Vasileva M., Savatin D.V., Nerinckx W., Staes A., Drozdzecki A., Audenaert D., Yperman K., Madder A., Friml J., Van Damme D., Gevaert K., Haucke V., Savvides S.N., Winne J., Russinova E., **2019**. Disruption of endocytosis through chemical inhibition of clathrin heavy chain function. *Nature Chemical Biology*, **15**(6): 641-649.	**Q1** (JCR) Q1 (SJR)	12.587 (2019)
5	Kania U., Nodzynski T., Lu Q., Hicks G.R., Nerinckx W., **Mishev K.**, Peurois F., Cherfils J., De Rycke R.M., Grones P., Robert S., Russinova E., Friml J., **2018**. The inhibitor Endosidin 4 targets SEC7 domain-type ARF GTPase exchange factors and interferes with subcellular trafficking in eukaryotes. *The Plant Cell*, **30**(10): 2553-2572.	**Q1** (JCR) Q1 (SJR)	8.631 (2018)
6	**Mishev K.**, Lu Q., Denoo B., Peurois F., Dejonghe W., Hullaert J., De Rycke R.M., Boeren S., Bretou M., De Munck S., Sharma I.S., Goodman K., Kalinowska K., Storme V., Nguyen L., Drozdzecki A., Martins S., Nerinckx W., Audenaert D., Vert G., Madder A.,	**Q1** (JCR) Q1 (SJR)	8.631 (2018)

	Otegui M.S., Isono E., Savvides S., Annaert W., de Vries S.C., Cherfils J., Winne J., Russinova E., **2018**. Nonselective chemical inhibition of Sec7 domain-containing ARF GTPase exchange factors. *The Plant Cell*, **30**(10): 2573-2593.		
7	Zhou J., Liu D., Wang P., Ma X., Lin W., Chen S., **Mishev K.**, Lu D., Kumar R., Vanhoutte I., Meng X., He P., Russinova E., Shan L., **2018**. Regulation of *Arabidopsis* brassinosteroid receptor BRI1 endocytosis and degradation by plant U-box PUB12/PUB13-mediated ubiquitination. *Proceedings of the National Academy of Sciences of the United States of America*, **115**(8): E1906-15.	**Q1** (JCR) Q1 (SJR)	9.580 (2018)
8	Dimitrova A.D., Georgiev O., **Mishev K.**, Tzvetkov S., Ananiev E.D., Karagyozov L., **2016**. Mapping of unmethylated sites in rDNA repeats in barley NOR deletion line. *Journal of Plant Physiology*, **205:** 97-104.	**Q1** (JCR) Q1 (SJR)	3.121 (2016)
9	Dejonghe W., Kuenen S., Mylle E., Vasileva M., Keech O., Viotti C., Swerts J., Fendrych M., Ortiz-Morea F.A., **Mishev K.**, Delang S., Scholl S., Zarza X., Heilmann M., Kourelis J., Kasprowicz J., Nguyen le S.L., Drozdzecki A., Van Houtte I., Szatmári A.M., Majda M., Baisa G., Bednarek S.Y., Robert S., Audenaert D., Testerink C., Munnik T., Van Damme D., Heilmann I., Schumacher K., Winne J., Friml J., Verstreken P., Russinova E., **2016**. Mitochondrial uncouplers inhibit clathrin-mediated endocytosis largely through cytoplasmic acidification. *Nature Communications*, **7**: 11710.	**Q1** (JCR) Q1 (SJR)	12.124 (2016)
10	Betti C., Vanhoutte I., Coutuer S., De Rycke R.M., **Mishev K.**, Vuylsteke M., Aesaert S., Rombaut D., Gallardo R., De Smet F., Xu J., Van Lijsebettens M., Van Breusegem F., Inzé D., Rousseau F., Schymkowitz J., Russinova E., **2016**. Sequence-specific protein aggregation generates defined protein knockdowns in plants. *Plant Physiology*, **171**: 773-787.	**Q1** (JCR) Q1 (SJR)	6.456 (2016)
11	Dejonghe W., **Mishev K.**, Russinova E., **2014**. The brassinosteroid chemical toolbox. *Current Opinion in Plant Biology*, **22**: 48-55.	**Q1** (JCR) Q1 (SJR)	7.848 (2014)
12	**Mishev K.**, Dejonghe W., Russinova E., **2013**. Small molecules for dissecting endomembrane trafficking: a cross-systems view. *Chemistry & Biology*, **20**: 475-486.	**Q1** (JCR) Q1 (SJR)	6.586 (2013)

13	Ivanova A., Ananieva K., **Mishev K.**, Ananiev E.D., **2012**. Lipid composition in leaves and cotyledons of *Cucurbita pepo* L. (zucchini) during natural and induced senescence. *Genetics and Plant Physiology*, **2**: 98-106.	-	-
14	Irani N.G., Di Rubbo S., Mylle E., Schneider-Pizon J., Van Den Begin J., Hnilikova J., Sisa M., Vilarrasa-Blasi J., Szatmari A.-M., Van Damme D., **Mishev K.**, Codreanu M.-C., Kohout L., Strnad M., Cano-Delgado A.I., Friml J., Madder A., Russinova E., **2012**. Fluorescent castasterone reveals BRI1 signaling from the plasma membrane. *Nature Chemical Biology*, **8**: 583-589.	**Q1** (JCR) Q1 (SJR)	12.948 (2012)
15	Ananieva K., Ananiev E.D., Doncheva S., Stefanov D., **Mishev K.**, Kaminek M., Motyka V., Dobrev P., Malbeck J., **2011**. Local induction of senescence by darkness in *Cucurbita pepo* (zucchini) cotyledons or the primary leaf induces opposite effects in the adjacent illuminated organ. *Plant Growth Regulation*, **65**: 459-471.	**Q1** (SJR) Q2 (JCR)	1.604 (2011)
16	**Mishev K.**, Dimitrova A., Ananiev E.D., **2011**. Darkness affects differentially the expression of plastid-encoded genes and delays the senescence-induced down-regulation of chloroplast transcription in cotyledons of *Cucurbita pepo* L. (zucchini). *Zeitschrift für Naturforschung*, **66c**: 159-166.	**Q4** (JCR)	0.772 (2011)
17	**Mishev K.**, Ananiev E.D., Humbeck K., **2011**. Organ-specific effects of dark treatment on photosynthesis and the expression of photosynthesis-related genes. *Biologia Plantarum*, **55**: 269-278.	**Q1** (SJR) Q2 (JCR)	1.974 (2011)
18*	**Mishev K.**, Stefanov D., Ananieva K., Slavov C., Ananiev E.D., **2009**. 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 Regulation*, **58**: 61-71.	**Q1** (SJR) Q2 (JCR)	1.530 (2009)
19*	Ananieva K., Ananiev E.D., **Mishev K.**, Georgieva K., Tzvetkova N., van Staden J., **2008**. Changes in photosynthetic capacity and polypeptide patterns during natural senescence and rejuvenation of *Cucurbita pepo* L. (zucchini) cotyledons. *Plant Growth Regulation*, **54**: 23-29.	**Q2** (JCR) Q2 (SJR)	1.333 (2008)

20*	Ananieva K., Ananiev E.D., **Mishev K.**, Georgieva K., Malbeck J., Kaminek M., van Staden J., **2007**. Methyl jasmonate is a more effective senescence-promoting factor in *Cucurbita pepo* (zucchini) cotyledons when compared with darkness at the early stage of senescence. *Journal of Plant Physiology*, **164**: 1179-1187.	**Q1** (JCR) Q1 (SJR)	2.239 (2007)
21*	**Mishev K.**, Denev I., Radeva G. and Ananiev E.D., **2006**. RNA transcription in isolated chloroplasts during senescence and rejuvenation of intact cotyledons of *Cucurbita pepo* L. (zucchini). *Comptes rendus de l'Academie Bulgare des Sciences*, **59**: 1287-1293.	-	-
22*	**Mishev K.**, Todorov I., and Ananiev E.D., **2005**. Senescence and rejuvenation in intact cotyledons of *Cucurbita pepo* L. (zucchini). *General and Applied Plant Physiology*, **31**: 15-27.	-	-
23	Doltchinkova V., Georgieva K., Traytcheva N., Slavov Ch., and **Mishev K.**, **2004**. Melittin-induced changes in thylakoid membranes: particle electrophoresis and light scattering study. *Biophysical Chemistry*, **109**: 387-397.	**Q1** (SJR) Q2 (JCR)	2.102 (2004)
24	Doltchinkova V., Slavov Ch., and **Mishev K.**, **2004**. Effect of bee venom melittin on biological membranes II. The effect of neutral pH on light scattering of thylakoid membranes in the presence of melittin. *Annuaire de l'Universite de Sofia "St. Kliment Ohridski"*, **96**: 245-252.	-	-

***** Публикации, включени в дисертацията за придобиване на ОНС „Доктор": № **18, 19, 20, 21, 22** (приложено е копие от автореферата).

<u>Публикувана информация в депозитни бази:</u>

Georgiev O., **Mishev K.**, Tsvetkov S., Ananiev E., Karagyozov L., **2013**. *Hordeum vulgare* subsp. *vulgare* 25S ribosomal RNA gene, partial sequence; external transcribed spacer, complete sequence; and 18S ribosomal RNA gene, partial sequence. GenBank, Accession № **HQ825319**.

СПРАВКА

КЪМ СПИСЪКА НА НАУЧНИТЕ ПУБЛИКАЦИИ

- **Разпределение на публикациите по квартили (JCR или SJR, използван е по-високият квартил):**
  - Q1: 16 статии
  - Q2: 2 статии
  - Q3: 0 статии
  - Q4: 2 статии
  - Научни публикации в рецензирани списания, неиндексирани в WoS и Scopus: 4 статии

- **Списък с автори:**
  - Първи автор: 7 статии
  - Съавтор: 17 статии

- **Тип научни публикации:**
  - Научна статия: 22 публикации
  - Научен обзор: 2 публикации

Списание	Брой статии	№ от списъка	Сума от JCR IF за съответната година на издаване
Nature Chemical Biology	2	4, 14	12.587+12.948=25.535
Nature Communications	1	9	12.124
Proc Natl Acad Sci U. S. A.	1	7	9.580
Plant Cell	2	5, 6	8.631+8.631=17.262
Current Opinion in Plant Biology	1	11	7.848
Chemistry & Biology	1	12	6.586
Plant Physiology	1	10	6.456
Journal of Plant Physiology	2	8, 20	3.121+2.239=5.360
Plants	1	1	2.762

Biophysical Chemistry	1	23	2.102
Biologia Plantarum	1	17	1.974
Plant Growth Regulation	3	15, 18, 19	1.604+1.530+1.333=4.467
Zeitschrift für Naturforschung C	2	3, 16	1.238+0.772=2.010
Compt Rend Acad Bulg Sci (с IF)	1	2	0.343
Compt Rend Acad Bulg Sci (без IF)	1	21	-
Genetics and Plant Physiology /General and Applied Plant Physiology	2	13, 22	-
Annuaire de l'Universite de Sofia "St. Kliment Ohridski"	1	24	-

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гр. София (Кирил Мишев)