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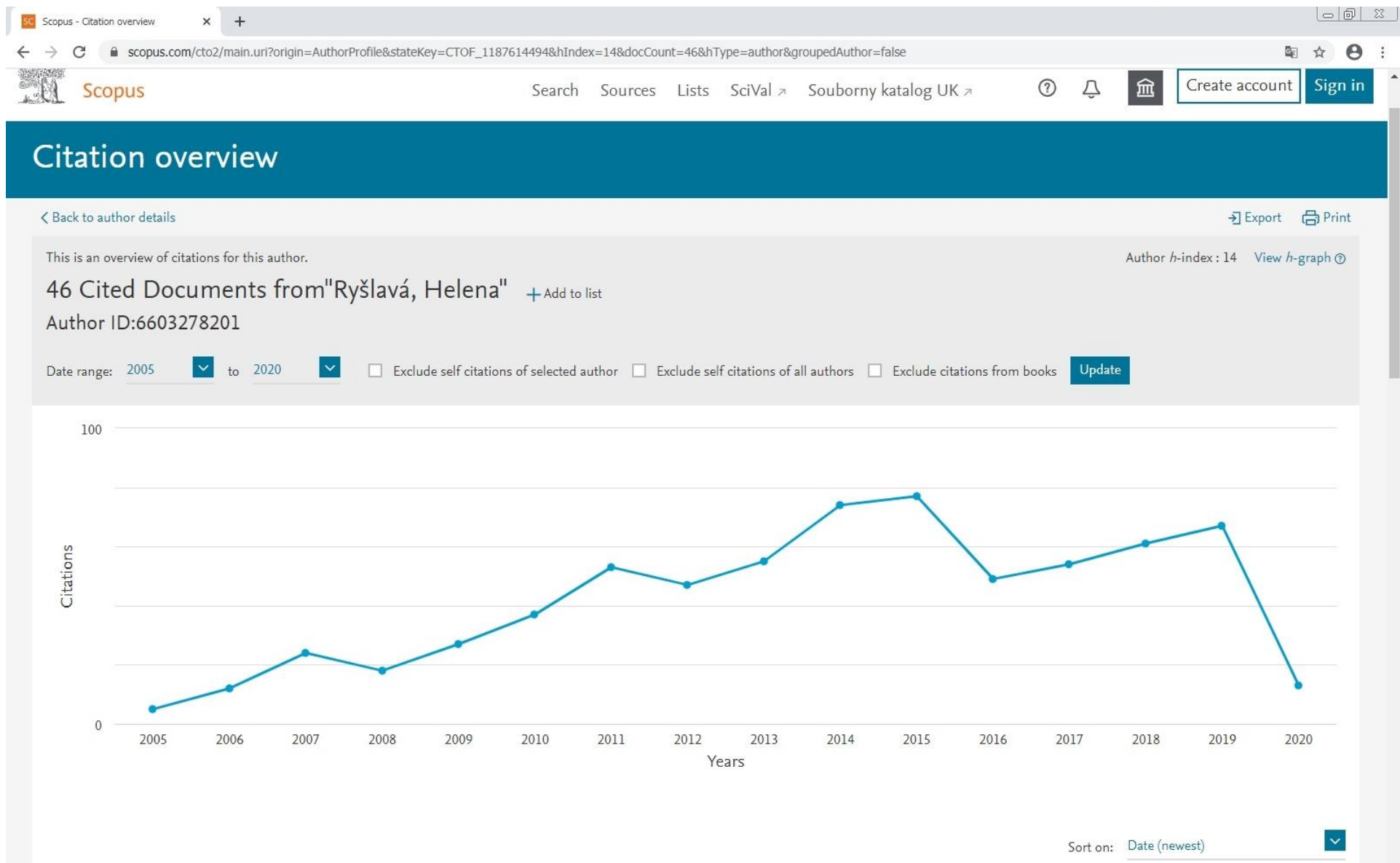
Doc. RNDr. Helena Ryšlavá, CSc.

Celkový počet citací z WOS a Scopus 1985-2020 (tabulkový souhrn)

Počet publikací autora v citačních databázích	Scopus	WOS
Počet publikací autora bez meeting abstrakt	46	44
Počet citovaných prací autora	41	40

Počet citací	Scopus	WOS
Celkem všech citací	688	607
Z toho autocitací	79	72
Celkem původních citací bez autocitací	609	535
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Documents		Citations	<2005	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Subtotal	>2020	Total
		Total	15	5	12	24	18	27	37	53	47	55	74	77	49	54	61	67	13	673	0	688
☐	1 What can enzymes of C4 photosynthesis do for C3 plants under...	2011								1	12	13	15	17	15	17	15	12		117		117
☐	2 Photosynthesis and activity of phosphoenolpyruvate carboxyla...	2003		5	3	3		4	2	3	5	1	1	10	3	2	6	5		53		53
☐	3 Effect of posttranslational modifications on enzyme function...	2013											10	4	7	5	3	7	1	37		37
☐	4 Phosphoenolpyruvate carboxylase, NADP-malic enzyme, and pyru...	2014											1	8	4	9	3	8		33		33
☐	5 Transient expression of Human papillomavirus type 16 L2 epit...	2012									1	5	10	7	1	2	3	1		30		30
☐	6 Effects of biotic stress caused by Potato virus Y on photosy...	2006						1	2	5		6	2	3	1	3	1			24		24
☐	7 Mammalian peroxidases activate anticancer drug ellipticine t...	2007			2	9	5	5	7	5	8	5	6	4	3	2	3	4	1	69		69
☐	8 Enzymatic characterization and molecular modeling of an evol...	2011								1	1	4	3	2		1	5	4	2	23		23
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☐	10 Oxidation pattern of the anticancer drug ellipticine by hepa...	2006			1	3	3	2	1	5	5	1	3	2	3	1	2	2	1	35		35
☐	11 Structure of the dimeric N-glycosylated form of fungal β -N- ...	2007					2	2	3	6	4	2	2	1		1	1	1		25		25
☐	12 Characterization of proteins from boar prostate	2002	3		1	1	2	1		3		1	1		1			1		12		15
☐	13 Effect of Potato virus Y on the NADP-malic enzyme from Nicot...	2009							1	1	2	1	1	4		1		3		14		14
☐	14 NADP-dependent enzymes are involved in response to salt and ...	2017															2	4	1	7		7
☐	15 Formation and persistence of DNA adducts of anticancer drug ...	2007				2	3	4	4	4	5	5	6	2	2	1	1	2		41		41
☐	16 Affinity chromatography of bull seminal proteins on mannan-S...	2002	5		2	1			1					1	1					6		11
☐	17 Large propeptides of fungal β -N-acetylhexosaminidases are no...	2007						1	2	4	2	2	2	1	1	1	1	1	1	19		19
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☐	22 Tobacco susceptibility to Potato virus Y^{NTN} infec...	2015														2	1	2		5		5
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☐	26 Aggregated forms of bull seminal plasma proteins and their h...	2004			1	1			2	2										6		6
☐	27 Online screening of α -amylase inhibitors by capillary electr...	2018																2	1	3		3

☐ 28	Characterization of phosphoenolpyruvate carboxylase from mat...	2010		1	3		3	1	1	1	2		12	12
☐ 29	The regulation and catalytic mechanism of the NADP-malic enz...	2009		1		1		1		1	1		5	5
☐ 30	The activity and isoforms of NADP-malic enzyme in Nicotiana ...	2007		1		1			2				4	4
☐ 31	Does resveratrol retain its antioxidative properties in wine...	2018									2	1	3	3
☐ 32	Characterization of glycoprotein fraction from carp pituitar...	1998	1		1		1						2	3
☐ 33	Phytoremediation of carbamazepine and its metabolite 10,11-e...	2015								1	1		2	2
☐ 34	The enzyme kinetics of the NADP-malic enzyme from tobacco le...	2007		2	1	3		1			1		8	8
☐ 35	Carcinogenic pollutants o-nitroanisole and o-anisidine are s...	2005		1	3	1				1			6	6
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☐ 42	Structure of the dimeric N-glycosylated form of fungal B-N-a...	2016											0	0
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V následujícím seznamu jsou uvedeny citace pro publikované práce přístupné z databáze WoS

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2. Transgenic maize phosphoenolpyruvate carboxylase alters leaf-atmosphere CO₂ and (CO₂)-C-13 exchanges in *Oryza sativa*

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3. AMELIORATION WITH TITANIUM DIOXIDE NANOPARTICLE FOR REGULATION OF OXIDATIVE STRESS IN MAIZE (*Zea mays* L.)

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4. C₄ photosynthetic enzymes play a key role in wheat spike bracts primary carbon metabolism response under water deficit

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5. Physiological and iTRAQ-based proteomic analyses reveal that melatonin alleviates oxidative damage in maize leaves exposed to drought stress

By: Su, Xiaoyu; Fan, Xiaocong; Shao, Ruixin; et al.

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By: Sun, Xi; Han, Guoliang; Meng, Zhe; et al.

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8. Long-term drought resistance in rice (*Oryza sativa* L.) during leaf senescence: a photosynthetic view

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9. Decarboxylation mechanisms of C₄ photosynthesis in *Saccharum* spp.: increased PEPCK activity under water-limiting conditions

By: Cacefo, Viviane; Ribas, Alessandra Ferreira; Zilliani, Rafael Rebes; et al.

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10. Mitigation of Salinity Stress in Plants by Arbuscular Mycorrhizal Symbiosis: Current Understanding and New Challenges

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11. Review: The role of NADP-malic enzyme in plants under stress

By: Chen, Qiqi; Wang, Bipeng; Ding, Haiyan; et al.

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12. The Effects of Saline Stress on the Growth of Two Shrub Species in the Qaidam Basin of Northwestern China

By: Zhang, Tan; Zhang, Zhenzhong; Li, Yuanhang; et al.

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13. Enhanced Tolerance of Transgenic Rice Plants Over-Expressing Maize C-4 Phosphoenolpyruvate Carboxylase Gene to Low Nitrogen Conditions

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14. Genome-Wide Identification and Analysis of Biotic and Abiotic Stress Regulation of C-4 Photosynthetic Pathway Genes in Rice

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15. Phosphoenolpyruvate Carboxylase during Maturation and Germination Sorghum Seeds: Enzyme Activity and Regulation
By: Bouargalne, Y.; Ben Mrid, R.; El Omari, R.; et al.

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16. Physiological and proteomic analyses of coix seed aging during storage
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17. Nitrogen metabolism-related enzymes in Mesembryanthemum crystallinum after Botrytis cinerea infection
By: Gajewska, E.; Surowka, E.; Kornas, A.; et al.

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18. Ultrasensitive sensor for detection of early stage chronic kidney disease in human
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20. NAD(+) Biosynthesis and Signaling in Plants
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21. Characteristics of Chlorophyll Fluorescence and Antioxidant-Oxidant Balance in PEPC and PPDK Transgenic Rice under Aluminum Stress
By: Zhang, Y. H.; Wang, E. M.; Zhao, T. F.; et al.

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22. Utilization of urea by leaves of bromeliad Vriesea gigantea under water deficit: much more than a nitrogen source
By: Matiz, A.; Mito, P. T.; Aidar, M. P. M.; et al.

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23. Ultrasensitive Nanosensor for Detection of Malic Acid in Tomato as Fruit Ripening Indicator
By: Dalal, Anita; Rana, J. S.; Kumar, Ashok

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24. Led spectral composition effects on mycorrhizal symbiosis formation with tomato plants
By: Hristozkova, Marieta; Geneva, Maria; Stancheva, Ira; et al.

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25. Convergent Evolution of Pathogen Effectors toward Reactive Oxygen Species Signaling Networks in Plants
By: Jwa, Nam-Soo; Hwang, Byung Kook

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26. Transcriptional Profiling and Identification of Heat-Responsive Genes in Perennial Ryegrass by RNA-Sequencing
By: Wang, Kehua; Liu, Yanrong; Tian, Jinli; et al.

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27. Physiological and proteomic analysis of rice (Oryza sativa L.) in flag leaf during flowering stage and milk stage under drought stress
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28. Expression profile of desiccation tolerance factors in intertidal seaweed species during the tidal cycle
By: Fierro, Camila; Lopez-Cristoffanini, Camilo; Meynard, Andres; et al.

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29. Real-Time Determination of Photosynthesis, Transpiration, Water-Use Efficiency and Gene Expression of Two Sorghum bicolor (Moench) Genotypes Subjected to Dry-Down
By: Fracasso, Alessandra; Magnanini, Eugenio; Marocco, Adriano; et al.

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30. Exogenous ATP enhance signal response of suspension cells of transgenic rice (Oryza sativa L.) expressing maize C-4 -pepc encoded phosphoenolpyruvate carboxylase under PEG treatment
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31. Genetic diversity of two annual Salsola species (Chenopodiaceae) among habitat types in desert plant communities

By: Shuyskaya, Elena; Toderich, Kristina; Gismatullina, Liliya; et al.
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32. Design of experiments for amino acid extraction from tobacco leaves and their subsequent determination by capillary zone electrophoresis
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34. Possible involvement of phosphoenolpyruvate carboxylase and NAD-malic enzyme in response to drought stress. A case study: a succulent nature of the C-4-NAD-ME type desert plant, *Salsola lanata* (Chenopodiaceae)
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37. Maize proteomic responses to separate or overlapping soil drought and two-spotted spider mite stresses
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38. Reduced Sink Activity in Growing Shoot Tissues of Maize under Salt Stress of the First Phase may be Compensated by Increased PEP-Carboxylase Activity
 By: Huetsch, B. W.; Osthusenrich, T.; Faust, F.; et al.
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44. Different Growth and Physiological Responses to Cadmium of the Three *Miscanthus* Species
 By: Guo, Haipeng; Hong, Chuntao; Chen, Xiaomin; et al.
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45. Tracking dynamics of enzyme activities and their gene expression in *Picrorhiza kurroa* with respect to picroside accumulation
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 By: Gupta, S. M.; Agarwal, A.; Dev, B.; et al.
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By: Cheng, Gang; Wang, Lu; Lan, Haiyan
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By: Gur, Bahri; Isik, Mesut; Kiransan, Kader Dagci; et al.
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51. Phytoremediation of carbamazepine and its metabolite 10,11-epoxycarbamazepine by C-3 and C-4 plants
By: Ryslavya, Helena; Pomeislova, Alice; Psondrova, Sarka; et al.
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By: Moran-Zuloaga, Daniel; Dippold, Michaela; Glaser, Bruno; et al.
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