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ZOZNAM PUBLIKAČNEJ ČINNOSTI

Z DATABÁZ WOS A SCOPUS

1) M. Karas, D. Veselenyiova, E. Boszoradova, P. Nemecek, Z. Gersi, and J. Moravcikova, “Comparative Analysis of Dehydrins from Woody Plant Species,” *BIOMOLECULES*, vol. 14, no. 3, Mar. 2024, doi: 10.3390/biom14030250.
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3) P. Hozlar, V. Gregusova, P. Nemecek, S. Slikova, and M. Havrlentova, “Study of Dynamic Accumulation in β-D-Glucan in Oat (*Avena sativa* L.) during Plant Development,” *POLYMERS*, vol. 14, no. 13, Jul. 2022, doi: 10.3390/polym14132668.
4) P. Ranusova, I. Matusikova, and P. Nemecek, “Optimization of Plant Extract Purification Procedure for Rapid Screening Analysis of Sixteen Phenolics by Liquid Chromatography,” *SEPARATIONS*, vol. 8, no. 2, Feb. 2021, doi: 10.3390/separations8020013.
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9) A. Blehová *et al.*, “Alterations in allocation and composition of lipid classes in Euonymus fruits and seeds,” *Protoplasma*, vol. 258, no. 1, pp. 169–178, 2021, doi: 10.1007/s00709-020-01562-5.
10) M. Pipiska, E. Florkova, P. Nemecek, L. Remenarova, and M. Hornik, “Evaluation of Co and Zn competitive sorption by zeolitic material synthesized from fly ash using ⁶⁰Co and ⁶⁵Zn as radioindicators,” *JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, vol. 319, no. 3, pp. 855–867, Mar. 2019, doi: 10.1007/s10967-018-6390-3.
11) K. Kulichova *et al.*, “Phenolic compounds and biological activities of rye (*Secale cereale* L.) grains,” *OPEN CHEMISTRY*, vol. 17, no. 1, pp. 988–999, Jan. 2019, doi: 10.1515/chem-2019-0103.

12) V. F. Marijic *et al.*, "Influence of technological and municipal wastewaters on vulnerable karst riverine system, Krka River in Croatia," *ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH*, vol. 25, no. 5, pp. 4715–4727, Feb. 2018, doi: 10.1007/s11356-017-0789-1.
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14) K. Klubicova *et al.*, "Insights into the early stage of *Pinus nigra* Arn. somatic embryogenesis using discovery proteomics," *JOURNAL OF PROTEOMICS*, vol. 169, no. SI, pp. 99–111, Oct. 2017, doi: 10.1016/j.jprot.2017.05.013.
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21) P. Nemecek, J. Mocak, J. Lehotay, and K. Waisser, "PREDICTION OF HPLC RETENTION FACTOR OF POTENTIAL ANTITUBERCULOTICS BY QSRR," *JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES*, vol. 34, no. 3, pp. 168–181, 2011, doi: 10.1080/10826076.2011.545747.
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č. publ.	kvatil (JCR)	kvatil (JCI)	kat.	IF	cit. (Scopus)	cit. (WOS)	po-diel %	WoS kategória
1	q1	q2	A+	4,8 (2023)	0	0	15	Biochemistry & Molecular Biology
2	q2	q2	A	2,4	0	0	11,11	Plant Sciences
3	q1	q1	A+	**5**	3	3	10	Polymer Science
4	q2	q3	A	3.3	1	3	40	Chemistry, Analytical
5	q3	q3	A-	2,146	6	5	45	Chemistry, Multidisciplinary
6	q4	q4	A-	0,7	6	4	10	Agriculture, Dairy & Animal Science; Agriculture, Multi-disciplinary
7	q2	q2	A	4,9	12	11	5	Microbiology
8	q1	x	A+	2,5	0	x	10	Plant Sciences
9	q1	q1	A+	3,935	9	9	15	Plant Sciences
10	q3	q3	A-	1,137	18	15	10	Chemistry, Analytical; Che-mistry, Inorganic & Nuclear; Nuclear Science & Techno-logy
11	q3	q3	A-	1,216	39	27	10	Chemistry, Multidisciplinary
12	q1	q1	A+		24	23	20	Environmental Sciences
13	q3	q3	A-	0,963	20	20	20	Chemistry, Multidisciplinary
14	q1	q1	A+	3.722	26	22	5	Biochemical Research Methods
15	q2	q3	A-	1,617	16	14	10	Biochemistry & Molecular Biology; Chemistry, Multi-disciplinary
16	q3	q3	A-	1,027	5	4	10	Chemistry, Multidisciplinary
17	q3	q4 (2017)	A-	0,687 (2017)	1	1	16	Food Science & Technology
18	q3	q4	A-	1.676	8	7	15	Food Science & Technology
19	q2	q3	A	1,444	6	5	15	Biochemistry & Molecular Biology; Chemistry, Multi-disciplinary
20	q2	q3	A	1,193	11	11	75	Chemistry, Multidisciplinary
21	q2	q4	A	0,953	6	5	30	Biochemical Research Methods; Chemistry, Analy-tical
22	q3	q2	A-	0,791	11	9	30	Chemistry, Multidisciplinary

ZOZNAM CITÁCIÍ Z DATABÁZY SCOPUS

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ZOZNAM VYBRANÝCH RIEŠENÝCH PROJEKTOV

číslo projektu	úloha	názov	stav	schéma
APVV-21-0504	spoluriešiteľ	Rôznorodosť pšeníc v schopnosti akumulovať ióny esenciálnych kovov a jej využitie pre ekologické poľnohospodárstvo	riešený	APVV
APVV-20-0413	spoluriešiteľ	Fyzikálny „processing“ biomasy ako zdroj bio-aktívnych látok s antivirálnym, antibakteriálnym a protizápalovým účinkom pre ďalšie aplikácie.	riešený	APVV
VEGA 1/0191/22	spoluriešiteľ	Netradičné jednomolekulové magnety	riešený	VEGA
APVV-19-0087	spoluriešiteľ	Bioaktívne komplexy prechodných kovov s magnetickou bistabilitou	riešený	APVV
APVV-17-0113	spoluriešiteľ	Eliminácia toxicity avenínov pre zdravé, bezpečné i netradičné potravinové produkty	riešený	APVV
VEGA 1/0086/21	spoluriešiteľ	Nové zlúčeniny s využiteľnými magnetickými a opto-elektrickými vlastnosťami	riešený	VEGA
022UCM-4/2021	spoluriešiteľ	Integrácia obsahovej náplne vybraných predmetov, praktických cvičení a myšlienkových koncepcií pre študijný program Ochrana a obnova životného prostredia	ukončený	KEGA
025UCM-4/2021	spoluriešiteľ	Zavedenie nového profesijne zameraného študijného programu Analytická a bioanalytická chémia na Fakulte prírodných vied UCM v Trnave	ukončený	KEGA
IMTS 313011V344	spoluriešiteľ	Dlhodobý strategický výskum prevencie, intervencie a mechanizmov obezity a jej komorbidít	ukončený	
VEGA 1/0919/17	spoluriešiteľ	Depozity kovových prvkov v ľudských orgánoch – detekcia a modelovanie vzniku	ukončený	VEGA
VEGA 1/0534/16	spoluriešiteľ	Nové zlúčeniny s aplikačným potenciálom	ukončený	VEGA
KEGA 006UCM-4/2018	spoluriešiteľ	Inovácia vzdelávacieho procesu na magisterskom študijnom programe Biomedicínska chémia a doktorandskom študijnom programe Aplikovaná analytická a bioanalytická chémia na Fakulte prírodných vied UCM v Trnave	ukončený	KEGA
APVV-17-0113	spoluriešiteľ	Eliminácia toxicity avenínov pre zdravé, bezpečné i netradičné potravinové produkty	ukončený	APVV
VEGA 1/1188/12:	spoluriešiteľ	Detekcia a modelovanie depozitov oxidov železa v ľudských orgánoch.	ukončený	VEGA
VEGA 1/0635/13	spoluriešiteľ	Chmeľ ako významný zdroj fytomedicínsky účinných látok	ukončený	VEGA