

Publikácie / Publications

Department: SAVEXFATO - Ústav experimentálnej farmakológie a toxikológie SAV
Year of publication 2012~2015

Statistics publication category

AAB	Scientific monographs published in Slovak publishing houses	2
ABA	Monographic studies in journals and proceedings published abroad	1
ABC	Chapters in scientific monographs published abroad	11
ABD	Chapters in scientific monographs published in Slovak publishing houses	2
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	64
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	12
ADEA	Scientific papers in other foreign journals not registered in Current Contents Connect with IF (impacted)	1
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	17
ADFB	Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)	5
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	24
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ADNA	Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus	1
ADNB	Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus	27
AEC	Scientific papers in foreign peer-reviewed proceedings, monographs	8
AECA	Scientific papers in foreign peer-reviewed proceedings and shorter chapters in foreign scientific monographs or academic/university textbooks	7
AED	Scientific papers in domestic peer-reviewed proceedings, monographs	35
AEDA	Scientific papers in domestic peer-reviewed proceedings and shorter chapters in domestic scientific monographs or academic/university textbooks	15
AEF	Scientific papers in domestic non peer-reviewed proceedings, monographs	1
AEGA	Abstracts of scientific papers published in foreign impacted journals registered in Current Contents Connect	49
AEMA	Abstracts of scientific papers published in foreign impacted journals registered in Web of Science Core Collection or Scopus	5
AFD	Published papers from domestic scientific conferences	12

AFDA	Published papers from international scientific conferences in Slovakia	1
AFE	Abstracts of invited papers from foreign conferences	3
AFF	Abstracts of invited papers from domestic conferences	1
AFG	Abstracts of papers from foreign conferences	122
AFH	Abstracts of papers from domestic conferences	31
AFHA	Abstracts of papers from international conferences in Slovakia	115
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AGJ	Patent applications, utility model applications, design applications, trademark applications, applications for granting supplementary protection certificate, applications for registration of topographies of semiconductor products, designations of origin applications, geographical indications of goods and products applications, breeder's certificate applications	5
BAB	Professional books published in Slovak publishing houses	1
BDFB	Professional papers in other domestic non-impacted journals (not registered in CCC)	1
BDMA	Professional papers in foreign impacted journals registered in Web of Sciences Core Collection or Scopus	1
DAI	Dissertations and habilitation theses	18
EDJ	Overview works, professional publications, translations of norms and standards and other professional translations published in journals and proceedings/collective publications	4
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	12
GII	Other publications and documents which is not possible to categorize into classes/categories mentioned above	17
Count		675

AAB Scientific monographs published in Slovak publishing houses

AAB01 KOŠŤÁLOVÁ, Daniela - FIALOVÁ, Silvia - RAČKOVÁ, Lucia. *Fytoterapia v súčasnej medicíne*. 1. vyd. Martin : Osveta, 2012. 379 s. ISBN 978-80-8063-384-4.

AAB02 UJHÁZY, Eduard - DUBOVICKÝ, Michal - MACH, Mojmír. *Teratológia : principy a hodnotenie abnormálneho vývinu* [Teratology]. Bratislava : Slovenská toxikologická spoločnosť SETOX : Ústav experimentálnej farmakológie a toxikológie SAV, 2014. 182 s. VEGA 2/0081/11, VEGA 2/0084/11, VEGA 2/0107/12. ISBN 978-80-969474-6-1.

ABA Monographic studies in journals and proceedings published abroad

ABA01 ALDINI, Giancarlo - VISTOLI, Giulio - ŠTEFEK, Milan - CHONDROGIANNI, N. - GRUNE, Tilman - SEREIKAITĖ, Jolanta - SADOWSKA-BARTOSZ, Izabela - BARTOSZ, Grzegorz. Molecular strategies to prevent, inhibit, and degrade advanced glycoxidation and advanced lipoxidation end products. In *Free Radical Research : official journal of the Society for Free Radical*

Research -European Region, 2013, vol. 47, suppl.1 SI, p. 93-137. (3.279 - IF2012). (2013 - Current Contents). ISSN 1071-5762. COST CM1001.

ABC Chapters in scientific monographs published abroad

- ABC01 BAŇASOVÁ, Mária - VALACHOVÁ, Katarína - JURÁNEK, Ivo - ŠOLTÉS, Ladislav. Aloe vera and methylsulfonylmethane as dietary supplements: their potential benefits to arthritic patients with diabetic complications. In *Pharmaceutical and medical biotechnology : new perspectives*. - Hauppauge : Nova Science Publishers, 2013, p. 111-128. ISBN 978-1-62618-851-8. VEGA 2/0011/11, VEGA 2/0149/12, APVV 0351-10.
- ABC02 PAWLUSKI, J.L. - GEMMEL, Mary - CSÁSZÁR, Eszter - STEINBUSCH, H.W. N. - RAYEN, Ine. Developmental fluoxetine exposure and neuroendocrine outcomes : chapter 3. In *Fluoxetine: Pharmacology, Mechanisms of Action and Potential Side Effects*. - Hauppauge : Nova Science Publishers, 2015, p. 43-70. ISBN 978-1-63482-076-9.
- ABC03 RADOŠINSKÁ, Jana - BAČOVÁ, Barbara - VICZENCZOVÁ, Csilla - EGAN BEŇOVÁ, Tamara - KNEZL, Vladimír - ŽURMANOVÁ, Jitka - SOUKUP, Tomáš - GONCALVESOVÁ, Eva - SLEZÁK, Ján - TRIBULOVÁ, Narcis. Maladaptive myocardial responses to hypertension are attenuated by omega-3 fatty acids and red palm oil intake. In *Adaptation Biology and Medicine*. Volume 7. New Challenges. - New Delhi : Narosa Publishing House, 2014, p. 19-34. ISBN 978-81-8487-214-9. VEGA 2/0046/12, VEGA 2/207/11, APVV SK-CZ-0027-11, GACR 304/08/0256, AVOZ 50110509, MSM0021620858.
- ABC04 ŠOLTÉS, Ladislav - KOGAN, Grigorij. Hyaluronan: A harbinger of the status and functionality of the joint. In *Engineering of polymers and chemical complexity, Volume II.: New approaches, limitations and control*. - Toronto : Apple Academic Press, 2014, p. 259-286. ISBN 978-1-926895-87-1.
- ABC05 ŠOLTÉS, Ladislav - KOGAN, Grigorij. Hyaluronan - an information rich messenger reporting on the physiological and pathophysiological status of synovial joints. In *News in chemistry, biochemistry and biotechnology : state of the art and prospects of development*. - Hauppauge : Nova Science Publishers, 2014, p. 1-26. ISBN 978-1631172731. *Polymers Research Journal*. - Hauppauge : Nova Science Publishers, 2014, vol. 8, no. 1, p. 49-73. ISSN 1935-2530. VEGA 2/0011/11, APVV-0351-10.
- ABC06 VALACHOVÁ, Katarína - TAMER ABD-EL RAZIK, Tamer Mahmoud - ŠOLTÉS, Ladislav. Comparison of free-radical scavenging properties of glutathione under neutral and acidic conditions : chapter 20. In *Chemistry and chemical biology : methodologies and applications*. - Oakville : Apple Academic Press, CRC Press, 2015, p. 227-245. ISBN 978-1-77188-018-3.
- ABC07 VALACHOVÁ, Katarína - BAŇASOVÁ, Mária - MACHOVÁ, Ľubica - JURÁNEK, Ivo - BEZEK, Štefan - ŠOLTÉS, Ladislav. Practical hints on testing various hexahydropyridoindoles to act as antioxidants. In *Chemistry and physics of modern materials : processing, production and applications*. - Oakville : Apple Academic Press, 2014, p. 137-158. ISBN 978-1-926895-45-1.

ABC08 VALACHOVÁ, Katarína - RAPTA, Peter - SLOVÁKOVÁ, M. - PRIESOLOVÁ, Elena - NAGY, Milan - MISLOVIČOVÁ, Danica - DRÁFI, František - BAUEROVÁ, Katarína - ŠOLTÉS, Ladislav. Radical degradation of high-molar-mass hyaluronan induced by ascorbate plus cupric ions: testing of arbutin in the function of antioxidant : chapter 2. In *Kinetics, catalysis and mechanism of chemical reactions. From pure to applied science : Volume 2: Tomorrow and perspectives.* - New York : Nova Science Publishers, 2012, p. 11-27. ISBN 978-1-61470-712-7. VEGA 1/0145/10, VEGA 2/0011/11, VEGA 2/0045/11, APVV 0488-07, APVV 0351-10, ITMS 26220120054.

ABC09 VALACHOVÁ, Katarína - RAPTA, Peter - SLOVÁKOVÁ, M. - PRIESOLOVÁ, Elena - NAGY, Milan - MISLOVIČOVÁ, Danica - DRÁFI, František - BAUEROVÁ, Katarína - ŠOLTÉS, Ladislav. Radical degradation of high molar mass hyaluronan induced by ascorbate plus cupric ions: Testing of arbutin in the function of antioxidant. In *Advances in kinetics and mechanism of chemical reactions.* - Oakville ; Waretown : Apple Academic Press, 2013, p. 1-18. ISBN 978-1-926895-42-0. VEGA 1/0145/10, VEGA 2/0011/11, VEGA 2/0045/11, APVV 0488-07, APVV 0351-10, ITMS 26220120054.

ABC10 VALACHOVÁ, Katarína - BAŇASOVÁ, Mária - MACHOVÁ, Ľubica - JURÁNEK, Ivo - BEZEK, Štefan - ŠOLTÉS, Ladislav. Testing various hexahydrotryptindoles to act as antioxidants. In *Pharmaceutical and medical biotechnology : new perspectives.* - Hauppauge : Nova Science Publishers, 2013, p. 93-110. ISBN 978-1-62618-851-8. *Journal of Information, Intelligence and Knowledge.* - Hauppauge : Nova Science Publishers, 2013, vol. 5, no. 1, p. 15-32. ISSN 1937-7983. VEGA 2/0011/11, VEGA 2/0149/12, ITMS-26240220040.

ABC11 VISKUPIČOVÁ, Jana - ONDREJOVIČ, Miroslav - MALIAR, T. Enzyme-mediated preparation of flavonoid esters and their applications : chapter 10. In *Biochemistry.* - Rijeka : InTech, 2012, p. 263-286. ISBN 978-953-51-0076-8. ITMS 26240220040, APVV-VMSP-II-0021-09.

ABD Chapters in scientific monographs published in Slovak publishing houses

ABD01 MÁJEKOVÁ, Magdaléna - STECOZA, Camelia Elena - KOVÁČIKOVÁ, Lucia - MÁJEK, Pavol. The use DRAGON molecular descriptors for the estimation of pharmacologic profile of dibenzothiepine and pyridoindole compounds. In *Pokroky v analytickej chémii.* - Bratislava : STU FCHPT, 2013, s. 504 - 520. COST CM1103, APVV SK-RO 0008-10, UEFISCDI RO-SK 465/2011, VEGA 2/0067/11, VEGA 2/0030/11.

ABD02 SEDLÁČKOVÁ, Natália - MACH, Mojmír. Prenatálne programovanie psychických porúch. In *Trendy vo vývinovej toxikológii a teratológii.* - Bratislava : Ústav experimentálnej farmakológie a toxikológie SAV, 2013, s. 113-135. ISBN 978-80-971042-2-1. VEGA 2/0107/12.

ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

ADCA01 BALI, Elif Burcu - ERGIN, Volkan - RAČKOVÁ, Lucia - BAYRAKTAR, Oguz - KUCUKBOYACI, Nurgun - KARASU, Çimen. Olive leaf extracts protect

cardiomyocytes against 4-hydroxynonenal-induced toxicity in vitro: comparison with oleuropein, hydroxytyrosol, and quercetin. In *Planta Medica : an international journal of natural products and medicinal plant research*, 2014, vol. 80, no. 12, p. 984-992. (2.339 - IF2013). (2014 - Current Contents). ISSN 0032-0943.

ADCA02 BAŇASOVÁ, Mária - VALACHOVÁ, Katarína - JURÁNEK, Ivo - ŠOLTÉS, Ladislav. Dithiols as more effective than monothiols in protecting biomacromolecules from free-radical-mediated damage: in vitro oxidative degradation of high-molar-mass hyaluronan. In *Chemical Papers*, 2014, vol. 68, no. 10, p. 1428-1434. (1.193 - IF2013). (2014 - Current Contents). ISSN 0366-6352. VEGA, 2/0011/11, VEGA 2/0149/12, APVV 0351-10.

ADCA03 BAŇASOVÁ, Mária - VALACHOVÁ, Katarína - RYCHLÝ, Jozef - JANIGOVÁ, Ivica - CSOMOROVÁ, Katarína - MENDICHI, Raniero - MISLOVIČOVÁ, Danica - JURÁNEK, Ivo - ŠOLTÉS, Ladislav. Effect of bucillamine on free-radical-mediated degradation of high-molar-mass hyaluronan induced in vitro by ascorbic acid and Cu(II) ions. In *Polymers : Open Access Polymer Science Journal*, 2014, vol. 6, no. 10, p. 2625-2644. (2.505 - IF2013). (2014 - Current Contents). ISSN 2073-4360. VEGA 2/0011/11, VEGA 2/0147/12, VEGA 2/0149/12, ITMS 26240220040, APVV 0351-10.

ADCA04 BAUEROVÁ, Katarína - PONIŠT, Silvester - KUNCÍROVÁ, Viera - DRÁFI, František - MIHALOVÁ, Danica - PAULOVÍČOVÁ, Ema - VOLPI, Nikola. Effect of nonanimal high- and low-molecular-mass chondroitin sulfates produced by a biotechnological process in an animal model of polyarthritis. In *Pharmacology : international journal of experimental and clinical pharmacology*, 2014, vol. 94, no. 3-4, p. 109-114. (1.581 - IF2013). (2014 - Current Contents). ISSN 0031-7012.

ADCA05 BAUEROVÁ, Katarína - MIHALOVÁ, Danica - DRÁBIKOVÁ, Katarína - JANČINOVÁ, Viera - KUCHARSKÁ, Jarmila - PAULOVÍČOVÁ, Ema - NOSÁL, Radomír - PONIŠT, Silvester. Effects of glucomannan isolated from *Candida utilis* on adjuvant arthritis in Lewis rats. In *Current Topics in Nutraceutical Research : an international scientific journal of decision makers in nutraceutical industry*, 2012, vol. 10, no. 1, p. 13-30. (0.286 - IF2011). (2012 - Current Contents). ISSN 1540-7535. VEGA 2/0045/11, APVV-51-017905, APVV-03015-07, APVV-21-055205.

ADCA06 BAUEROVÁ, Katarína - DRÁFI, František - KUNCÍROVÁ, Viera - PONIŠT, Silvester - MIHALOVÁ, Danica - BABÁL, Pavel - SÝKORA, T. Hyperbilirubinemia decreases physiological markers in adjuvant-induced arthritis. In *Physiological Research*, 2015, vol. 64, suppl. 4, p. S459-S466. (1.293 - IF2014). (2015 - Current Contents). ISSN 0862-8408. VEGA 2/0045/11, VEGA 2/0044/15.

ADCA07 BAUEROVÁ, Katarína - ACQUAVIVA, Alessandra - PONIŠT, Silvester - GARDI, Concetta - VECCHIO, Daniela - DRÁFI, František - AREZZINI, Beatrice - BEZÁKOVÁ, Lýdia - KUNCÍROVÁ, Viera - MIHALOVÁ, Danica - NOSÁL, Radomír. Markers of inflammation and oxidative stress studied in adjuvant-induced arthritis in the rat on systemic and local level affected by pinosylvin and methotrexate and their combination. In *Autoimmunity*, 2015, vol. 48, no. 1, p. 46-56. (2.714 - IF2014). (2015 - Current Contents). ISSN 0891-6934.

- ADCA08 BROSKOVÁ, Zuzana - DRÁBIKOVÁ, Katarína - SOTNÍKOVÁ, Ružena -
FIALOVÁ, Silvia - KNEZL, Vladimír. Effect of plant polyphenols on
ischemia-reperfusion injury of the isolated rat heart and vessels. In *Phytotherapy
Research*, 2013, vol. 27, p. 1018-1022. (2.068 - IF2012). (2013 - Current Contents).
ISSN 0951-418X. VEGA 2/0050/09, VEGA 2/0003/10.
- ADCA09 CINDRIC, Marina - CIPAK, Ana - ZAPLETAL, Emilija - JAGANJAC,
Morana - MILKOVIC, Lidija - WAEG, Georg - ŠTOLC, Svorad - ZARKOVIC,
Neven - BOROVIC', Suzana. Stobadine attenuates impairment of an intestinal
barrier model caused by 4-hydroxynonenal. In *Toxicology in vitro : the official
journal of the European Society for Toxicology in Vitro*, 2013, vol. 27, no. 1, p.
426-432. (2.650 - IF2012). (2013 - Current Contents). ISSN 0887-2333. COST B35
and CM1001 Action.
- ADCA10 DIB, Karim - PEREČKO, Tomáš - JENEI, Veronika - MCFARLANE, Cheryl
- COMER, David - BROWN, Vanessa - KATEBE, Mwape - SCHEITHAUER,
Torsten - THURMOND, Robin L. - CHAZOT, Paul L. - ENNIS, Madeleine. The
histamine H4 receptor is a potent inhibitor of adhesion-dependent degranulation in
human neutrophils. In *Journal of Leukocyte Biology*, 2014, vol. 96, no. 3, p.
411-418. (4.304 - IF2013). (2014 - Current Contents). ISSN 0741-5400.
- ADCA11 BEŇOVÁ, Tamara - KNEZL, Vladimír - VICZENCZOVÁ, Csilla -
BAČOVÁ, Barbara - RADOŠINSKÁ, Jana - TRIBULOVÁ, Narcis. Acute
anti-fibrillating and defibrillating potential of atorvastatin, melatonin,
eicosapentaenoic acid and docosahexaenoic acid demonstrated in isolated heart
model. In *Journal of Physiology and Pharmacology : formerly Acta Physiologica
Polonica*, 2015, vol. 66, no. 1, p. 83-89. (2.386 - IF2014). (2015 - Current Contents).
ISSN 0867-5910.
- ADCA12 EGAN BEŇOVÁ, Tamara - VICZENCZOVÁ, Csilla - RADOŠINSKÁ, Jana -
SZEIFFOVÁ BAČOVÁ, Barbara - KNEZL, Vladimír - DOSENKO, Viktor -
WEISMANN, Peter - ZEMAN, Michal - NAVAROVÁ, Jana - TRIBULOVÁ,
Narcis. Melatonin attenuates hypertension-related proarrhythmic myocardial
maladaptation of connexin-43 and propensity of the heart to lethal arrhythmias. In
Canadian Journal of Physiology and Pharmacology, 2013, vol. 91, p. 633-639.
(1.556 - IF2012). (2013 - Current Contents). ISSN 0008-4212. VEGA 2/0046/12,
APVV-SK-CZ-0027-11.
- ADCA13 FEKETEOVÁ, Lucia - JANČOVÁ, Petra - MORAVCOVÁ, Petra -
JANEGOVÁ, Andrea - BAUEROVÁ, Katarína - PONIŠT, Silvester - MIHALOVÁ,
Danica - JANEGA, Pavol - BABÁL, Pavel. Effect of methotrexate on inflammatory
cells redistribution in experimental adjuvant arthritis. In *Rheumatology
international*, 2012, vol. 32, p. 3517-3523. (1.885 - IF2011). (2012 - Current
Contents). ISSN 0172-8172. APVV 51-017905, VEGA 2/0093/08, VEGA
2/0045/11. Dostupné na internete:
<<http://www.springerlink.com/content/u43h623j56338568/fulltext.pdf>>.
- ADCA14 FIALOVÁ, Silvia - VEIZEROVÁ, Lucia - NOSÁĽOVÁ, Viera -
DRÁBIKOVÁ, Katarína - TEKEĽOVÁ, Daniela - GRANČAI, D. - SOTNÍKOVÁ,

Ružena. Water extract of *Mentha x villosa*: phenolic fingerprint and effect on ischemia-reperfusion injury. In *Natural Product Communications : an International Journal for Communications and Reviews*, 2015, vol. 10, no. 6, p. 937-940. (0.906 - IF2014). (2015 - Current Contents). ISSN 1934-578X. VEGA 1/0646/14, ITMS 26240220040.

ADCA15 FRIMMEL, Karel - VLKOVIČOVÁ, Jana - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. The effect of omega-3 fatty acids on expresion of Connexin-40 in Wistar rat aorta after lipopolysaccharide administration. In *Journal of Physiology and Pharmacology : formerly Acta Physiologica Polonica*, 2014, vol. 65, no. 1, p. 83-94. (2.720 - IF2013). (2014 - Current Contents). ISSN 0867-5910. VEGA 2/0108/10, VEGA 2/0065/13.

ADCA16 GALISOVÁ, Andrea - BAČIAK, Ladislav - JOZEFOVIČOVÁ, Mária - KUKUROVÁ, I.J. - KEBIS, A. - AMBRUŠOVÁ, Katarína - DUBOVICKÝ, Michal - CSÁSZÁR, Eszter - SADLOŇOVÁ, Irina - KRONNERWETTER, C. - BERG, Andreas - KRŠŠÁK, M. - KAŠPAROVÁ, Svatava. Pathophysiological rat model of vascular dementia: Magnetic resonance spectroscopy, microimaging and behavioral study. In *Brain Research*, 2014, vol. 1568, p. 10-20. (2.828 - IF2013). (2014 - Current Contents). ISSN 0006-8993. VEGA 1/0272/10, bilat. program Action Austria - Slovakia grant no. 2010-10-15-9014.

ADCA17 GARDI, Concetta - BAUEROVÁ, Katarína - STRINGA, Blerta - KUNCÍROVÁ, Viera - SLOVÁK, Lukáš - PONIŠT, Silvester - DRÁFI, František - BEZÁKOVÁ, Lýdia - TEDESCO, Idol - ACQUAVIVA, Alessandra - BIOTTO, Stefania - RUSSO, Gian Luigi. Quercetin reduced inflammation and increased antioxidant defense in rat adjuvant arthritis. In *Archives of Biochemistry and Biophysics*, 2015, vol. 583, p. 150-157. (3.017 - IF2014). (2015 - Current Contents). ISSN 0003-9861. VEGA 2/0045/11, VEGA 2/0044/15, SAV-CNR, IMEF NRC 191/2009.

ADCA18 GÁSPÁROVÁ, Zdenka - JANEGA, Pavol - PRÓNAYOVÁ, Naďa - LIPTAJ, Tibor. Middle-aged rat hippocampus and some early changes accompanying aging. In *Central European Journal of Biology*, 2012, vol. 7, no. 5, p. 810-816. (1.000 - IF2011). (2012 - Current Contents). ISSN 1895-104X. VEGA 2/0048/11.

ADCA19 HORÁKOVÁ, Ľubica - ŠTROSOVÁ, Miriam - SPICKETT, Corinne M. - BLAŠKOVIČ, Dušan. Impairment of calcium ATPases by high glucose and potential pharmacological protection. In *Free Radical Research : official journal of the Society for Free Radical Research -European Region*, 2013, vol. 47, suppl. 1, p. 81-92. (3.279 - IF2012). (2013 - Current Contents). ISSN 1071-5762. COST CM1001, VEGA 2/0038/11, ITMS 26240220040.

ADCA20 HORVÁTHOVÁ, Eva - NAVAROVÁ, Jana - GALOVÁ, Eliška - SEVCOVICCOVA, Andrea - CHODAKOVA, Lenka - SNAHNICANOVA, Zuzana - MELUŠOVÁ, Martina - KOZICS, Katarína - SLAMEŇOVÁ, Darina. Assessment of antioxidative, chelating, and DNA-protective effects of selected essential oil components (eugenol, carvacrol, thymol, borneol, eucalyptol) of plants and intact Rosmarinus officinalis oil. In *Journal of agricultural and food chemistry*, 2014, vol.

62, no. 28, p. 6632-6639. (3.107 - IF2013). (2014 - Current Contents). ISSN 0021-8561.

ADCA21 HOUÉE-LÉVIN, Chantal - BOBROWSKI, K. - HORÁKOVÁ, Lubica - KARADEMIR, B. - SCHÖNEICH, C. - DAVIES, M. J. - SPICKETT, Corinne M. Exploring oxidative modifications of tyrosine: An update on mechanisms of formation, advances in analysis and biological consequences. In *Free Radical Research : official journal of the Society for Free Radical Research -European Region*, 2015, vol. 49, no. 4, p. 347-373. (2.976 - IF2014). (2015 - Current Contents). ISSN 1071-5762. COST Action CM1001, EP/1017887/1.

ADCA22 HRABÁROVÁ, Eva - VALACHOVÁ, Katarína - JURÁNEK, Ivo - ŠOLTÉS, Ladislav. Free-radical degradation of high-molar-mass hyaluronan induced by ascorbate plus cupric ions: evaluation of antioxidative effect of cysteine-derived compounds. In *Chemistry & biodiversity*, 2012, vol. 9, no. 2, p. 309-317. (1.804 - IF2011). (2012 - Current Contents). ISSN 1612-1872. VEGA 2/0115/09, VEGA 2/0083/09, VEGA 2/0056/10, VEGA 2/0011/11, ITMS-26220120054, ITMS-26240220040.

ADCA23 HRABÁROVÁ, Eva - RYCHLÝ, Jozef - SASINKOVÁ, Vlasta - VALACHOVÁ, Katarína - JANIGOVÁ, Ivica - CSOMOROVÁ, Katarína - JURÁNEK, Ivo - ŠOLTÉS, Ladislav. Structural characterisation of thiol-modified hyaluronans. In *Cellulose*, 2012, vol. 19, no. 6, p. 2093-2104. (3.600 - IF2011). (2012 - Current Contents). ISSN 0969-0239. VEGA 2/0083/09, VEGA 1/0529/09, VEGA 2/0056/10, VEGA 1/0145/10, VEGA 2/0011/11, VEGA 2/0147/12, ITMS 26220120054, ITMS 26240220040.

ADCA24 CHATZOPOULOU, Maria - PATSILINAKOS, Alexandros - VALLIANATOU, Theodosia - ŠOLTÉSOVÁ PRNOVÁ, Marta - ŽAKELJ, Simon - RAGNO, Rino - ŠTEFEK, Milan - KRISTL, Albin - TSANTILI-KAKOULIDOU, Anna - DEMOPOULOS, Vassilis J. Decreasing acidity in a series of aldose reductase inhibitors: 2-Fluoro-4-(1H-pyrrol-1-yl)phenol as a scaffold for improved membrane permeation. In *Bioorganic & Medicinal Chemistry*, 2014, vol. 22, p. 2194-2207. (2.951 - IF2013). (2014 - Current Contents). ISSN 0968-0896. VEGA 2/0067/11.

ADCA25 JANČINOVÁ, Viera - PAŽOUREKOVÁ, Silvia - LUCOVÁ, Marianna - PEREČKO, Tomáš - MIHALOVÁ, Danica - BAUEROVÁ, Katarína - NOSÁL, Radomír - DRÁBIKOVÁ, Katarína. Selective inhibition of extracellular oxidants liberated from human neutrophils - A new mechanism potentially involved in the anti-inflammatory activity of hydroxychloroquine. In *International Immunopharmacology*, 2015, vol. 28, p. 175-181. (2.472 - IF2014). (2015 - Current Contents). ISSN 1567-5769. APVV-0052-10, VEGA 2/0010/13, VEGA 2/0044/15.

ADCA26 JANČINOVÁ, Viera - PEREČKO, Tomáš - NOSÁL, Radomír - HARMATHA, Juraj - ŠMIDRKAL, Jan - DRÁBIKOVÁ, Katarína. The natural stilbenoid pinosylvin and activated neutrophils: effects on oxidative burst, protein kinase C, apoptosis and efficiency in adjuvant arthritis. In *Acta Pharmacologica Sinica : official journal of the Chinese Pharmacological Society and Shanghai Institute of Materia Medica, Chinese Academy of Sciences*, 2012, vol. 33, no. 10, p.

1285-1292. (1.953 - IF2011). (2012 - Current Contents). ISSN 1671-4083.
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