

## NAJVEČJI DOSEŽKI LABORATORIJEV FKKT V 2015 in 2016

<p><b>Laboratorij za separacijske procese in produktno tehniko</b></p>	<p><b><u>Izvirni znanstveni članek:</u></b> PRIMOŽIČ, Mateja, KAVČIČ, Sabina, KNEZ, Željko, LEITGEB, Maja. Enzyme-catalyzed esterification of d,l-lactic acid in different SCF/IL media. The Journal of supercritical fluids, ISSN 0896-8446. [Print ed.], Jan. 2016, vol. 107, str. 414-421, doi: 10.1016/j.supflu.2015.10.003. [COBISS.SI-ID 19120918], [JCR, SNIP, WoS do 1. 11. 2016: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.25, Scopus do 29. 12. 2016: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 0.50] kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tipologijo je verificiral OSICT, točke: 25.09, št. avtorjev: 4</p>
<p><b>Laboratorij za organsko ter polimerno kemijo in tehnologijo</b></p>	<p><b><u>Izvirni znanstveni članek:</u></b> KAWADA, Kosuke, OKANO, Koji, ISKRA, Jernej, KRAJNC, Peter, CAHARD, Dominique. Selectfluor<sup>[sup]</sup>(TM) on a PolyHIPE material as regenerative and reusable polymer-supported electrophilic fluorinating agent. Advanced Synthesis &amp; Catalysis, ISSN 1615-4150. [Print ed.], [in press] 2016, 7 str., doi: 10.1002/adsc.201601312. Impact Factor: 6.453 ISI Journal Citation Reports © Ranking: 2015: 1/72 (Chemistry Applied); 5/59 (Chemistry Organic)</p>
<p><b>Laboratorij za biokemijo, molekularno biologijo in genomiko</b></p>	<p><b><u>Izvirni znanstveni članek:</u></b> CLEYNEN, Isabelle, BOUCHER, Gabrielle, JOSTINS, Luke, SCHUMM, Philip L., ZEISSIG, Sebastian, AHMAD, Tariq, ANDERSEN, Vibeke, ANDREWS, Jane M, ANNESE, Vito, BRAND, Stephan, et al., MITROVIČ, Mitja (sodelavec pri raziskavi), POTOČNIK, Uroš</p>

	<p>(sodelavec pri raziskavi), et al. Inherited determinants of Crohn's disease and ulcerative colitis phenotypes : a genetic association study. <b>The Lancet</b>, ISSN 1474-547X. [Online ed.], 2016, vol. 387, iss. 10014, str. 156-167. <a href="http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(15)00465-1/abstract">http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(15)00465-1/abstract</a>, doi: <a href="https://doi.org/10.1016/S0140-6736(15)00465-1">10.1016/S0140-6736(15)00465-1</a>. [COBISS.SI-ID <a href="https://www.cobiss.si/id/512567352">512567352</a>], kategorija: 1A1 (Z, A", A', A1/2); JCR= 44,002</p> <p><b>Izvirni znanstveni članek:</b> JOSTINS, Luke, MITROVIČ, Mitja, POTOČNIK, Uroš, et al. Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. <b>Nature</b>, ISSN 0028-0836. [Print ed.], 2012, vol. 491, no. 7422, str. 119-124, doi: <a href="https://doi.org/10.1038/nature11582">10.1038/nature11582</a>. [COBISS.SI-ID <a href="https://www.cobiss.si/id/512230968">512230968</a>], [JCR, SNIP, WoS do 26. 2. 2017: št. citatov (TC): 1199, čistih citatov (CI): 1191, čistih citatov na avtorja (CIAu): 58.69, Scopus do 25. 1. 2017: št. citatov (TC): 1298, čistih citatov (CI): 1288, čistih citatov na avtorja (CIAu): 63.47]</p> <p>Z dodatnimi citati, pridobljenimi v letu 2016, je zgoraj navedeni članek objavljen v reviji Nature postal najbolj citiran članek v zgodovini Univerze v Mariboru s trenutno več kot 1300 čistimi citati.</p>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>Laboratorij za anorgansko kemijo</p>	<p><b>Izvirni znanstveni članek:</b> BOŽIČ, Mojca, VIVOD, Vera, VOGRINČIČ, Robert, BAN, Irena, JAKŠA, Gregor, HRIBERNIK, Silvo, FAKIN, Darinka, KOKOL, Vanja. Enhanced catalytic activity of the surface modified TiO<sub>2</sub>-MWCNT nanocomposites under visible light. <i>Journal of colloid and interface science</i>, ISSN 0021-9797, 2016, vol. 465, str. 93-105. <a href="http://www.sciencedirect.com/science/article/pii/S0021979715303611">http://www.sciencedirect.com/science/article/pii/S0021979715303611</a>, doi: <a href="https://doi.org/10.1016/j.jcis.2015.11.051">10.1016/j.jcis.2015.11.051</a>, IF = 3,782 (2/4)</p>
-----------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>Laboratorij za termoenergetiko</p>	<p><b>Patent:</b> GORIČANEC, Darko, KROPE, Jurij, BOŽIČNIK, Stanislav. Method and apparatus</p>
---------------------------------------	-------------------------------------------------------------------------------------------------

	for cogeneration power plant waste heat source utilization by incorporated water source high temperature heat pump: Internat. applicat. No.: PCT/IB2015/001617, Pub. No.: WO/2016/051246 A1, Intern. filing date: 14. Sep. 2015, Public. date: 7. 4. 2016. [Geneva: World Intellectual Property Organization], 2016. 39 str.
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Laboratorij za fizikalno kemijo in kemijsko termodinamiko	<b>Pridobitev raziskovalno-razvojnega programa pametnih specializacij:</b> Food for Future za obdobje 2016-2020 v višini 10 FTE.
-----------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

Laboratorij za procesno sistemsko tehniko in trajnostni razvoj	<p><b>Dosežek:</b> Odlični v znanosti 2016 (izbrani na ARRS za 2016)</p> <p><b>Izvirni znanstveni članek:</b> članek na 2. mestu najbolj citiranih člankov v reviji Journal of Cleaner Production (219 citatov - Scopus; 293 citatov - Google Scholar, faktor vpliva revije 4.959) Čuček L, Klemeš JJ, Kravanja Z. A Review of Footprint analysis tools for monitoring impacts on sustainability. J Clean Prod. 2012;34:9-20.</p>
----------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Skupina za eksperimentalno fiziko	<p><b>Izvirni znanstveni članek:</b> YANG, Shi-Bing, BISWAL, Jyoti Prakash, BRAČKO, Marko, KORPAR, Samo, KRIŽAN, Peter, NANUT, Tara, PESTOTNIK, Rok, PETRIČ, Marko, STANIČ, Samo, STARIČ, Marko, ŠANTELJ, Luka, ZUPANC, Anže, et al, Belle Collaboration. First observation of doubly Cabibbo-suppressed decay of a charmed baryon: <math>[\Lambda]_{c}^{+} [t] p K^{+} [\pi]^{-}</math>. Physical review letters, ISSN 0031-9007. [Print ed.], 2016, vol. 117, no. 1, str. 011801-1-011801-6, doi: 10.1103/PhysRevLett.117.011801. [JCR, SNIP, WoS do 22. 1. 2017: št. citatov (TC): 4, čistih citatov (CI): 4, čistih citatov na avtorja (CIAu): 0.35, Scopus do 12. 10. 2016: št. citatov (TC): 0, čistih citatov (CI):</p>
-----------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	0, čistih citatov na avtorja (CIAu):0] kategorija: 1A1 (Z, A", A', A1/2); uvrstitev: SCI, Scopus, MBP; tipologijo je verificiral OSICN točke: 18,38, št. avtorjev: 2/193
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Laboratorij za vodno biofiziko in membranske procese</b>	<b>Nacionalno srebrno priznanje</b> GZS za inovacijo Premiks PN-K-Stress %, ki ga je prejela doc. dr. Irena Petričić, dne 21.09.2016.
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------

<b>Laboratorij za analizno kemijo in industrijsko analizo</b>	<b>Industrijski projekt:</b> Impol R in R, d.o.o, Elektrokemijske analize aluminijevih zlitin (vodja projekta doc. dr. Matjaž Finšgar)  <b>Znanstveni članek:</b> FINŠGAR, Matjaž, PERVA-UZUNALIČ, Amra, STERGAR, Janja, GRADIŠNIK, Lidija, MAVER, Uroš. Novel chitosan/diclofenac coatings on medical grade stainless steel for hip replacement applications. Scientific reports, 2016, vol. 6, str. 1-17.
---------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Skupina za matematiko</b>	<b>Izvirni znanstveni članek:</b> TRATNIK, Niko, ŽIGERT PLETERŠEK, Petra. Resonance graphs of fullerenes. Ars mathematica contemporanea, ISSN 1855-3966. 2016, vol. 11, no. 2, str. 425-435, <a href="http://amc-journal.eu/index.php/amc/article/download/1000/984">http://amc-journal.eu/index.php/amc/article/download/1000/984</a> .
------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------