

## Zoznam publikačnej činnosti

**RNDr. Erik Rakovský, PhD.**

### ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

ACB01 Rakovský, Erik [UKOPRCAG] (100%) : Základy štruktúrnej kryštalografie [elektronický dokument] : Príručka k praktickému cvičeniu. - 1. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2019. - 150 s. [8,78 AH] [online]  
Lit.: 14 záz. n.  
ISBN 978-80-223-4794-5  
URL:  
[https://fns.uniba.sk/fileadmin/prif/chem/kag/Zam-Rakovsky/Rakovsky-Zaklady\\_strukturnej\\_krystalografie-Prirucka\\_ku\\_cviceniu.pdf](https://fns.uniba.sk/fileadmin/prif/chem/kag/Zam-Rakovsky/Rakovsky-Zaklady_strukturnej_krystalografie-Prirucka_ku_cviceniu.pdf)

### ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Rakovský, Erik [UKOPRCAG] - Žúrková, Ľudmila [UKOPRCAG] - Marek, Jaromír: 1,6-Hexanediammonium Dihydrogendecavanadate Dihydrate, (H(3)N-(CH(2))(6)-NH(3))(2)H(2)V(10)O(28) .2H(2)O  
Lit.: 7 záz. n.  
In: Crystal Research and Technology. - Vol. 36, No. 3 (2001), s. 339-344. - ISSN 0232-1300  
*Indikátor časopisu:*  
IF (JCR) 2001=0,536  
*Ohlasy (5):*  
[o3] 2002 Malito, J.: Vanadium, niobium and tantalum. In: Annual Reports Section A: Inorganic Chemistry [elektronický zdroj], Vol. 98, 2002, s. 139-152,  
<https://pubs.rsc.org/en/content/articlelanding/2002/ic/b109607a#!divAbstract>  
**[o1] 2007 Honda, D. - Ikegami, S. - Inoue, T. - Ozeki, T. - Yagasaki, A.: Inorganic Chemistry, Vol. 46, No. 4, 2007, s. 1464-1470 - SCI**  
**[o1] 2011 Konaka, S. - Ozawa Y. - Shonaka, T. - Watanabe, S. - Yagasaki, A.: Inorganic Chemistry, Vol. 50, No. 13, 2011, s. 6183-6188 - SCI**  
**[o1] 2016 Sánchez-Lombardo, I. - Baruah, B. - Alvarez, S. - Werst, K.R. - Segaline, N.A. - Levinger, N.E. - Crans, D.C.: New Journal of Chemistry, Vol. 40, No. 2, 2016, s. 962-975 - SCOPUS**  
[o1] 2017 Bicer, E. - Dege, N. - Coskun, E.: Journal of the Chilean Chemical Society, Vol. 62, No. 3, 2017, s. 3610-3614 - SCI ; SCOPUS

ADC02 Rakovský, Erik [UKOPRCAG] - Žúrková, Ľudmila [UKOPRCAG] - Marek, Jaromír: Synthesis, Crystal Structure, and IR Spectroscopic Characterization of 1,6-Hexanediammonium Dihydrogendecavanadate  
Lit.: 10 záz. n.  
In: Monatshefte für Chemie. - Vol. 133, No. 3 (2002), s. 277-283. - ISSN (print) 0026-9247  
*Indikátor časopisu:*  
IF (JCR) 2002=0,813  
*Ohlasy (7):*  
[o1] 2003 Zhang, X.: Chemical Physics Letters, Vol. 373, No. 5-6, 2003, s. 506-512 - SCI  
[o3] 2002 Pavelčík, F. - Pivovarčíková, O.: Journal of Applied Crystallography, Vol. 35, Part 5, 2002, s. 526-532  
**[o1] 2007 Honda, D. - Ikegami, S. - Inoue, T. - Ozeki, T. - Yagasaki, A.: Inorganic Chemistry, Vol. 46, No. 4, 2007, s. 1464-1470 - SCI**  
[o1] 2009 Kim, N.-H. - Ha, K.: Acta Crystallographica Section E-Structure Reports Online, Vol. 65, Part 6, 2009, s. O1415- U3074 - SCI  
[o1] 2010 Jouffret, L. - Rivenet, M. - Abraham, F.: Inorganic Chemistry Communications, Vol. 13, No. 1, 2010, s. 5-9 - SCOPUS  
**[o1] 2011 Konaka, S. - Ozawa Y. - Shonaka, T. - Watanabe, S. - Yagasaki, A.: Inorganic Chemistry, Vol. 50, No. 13, 2011, s. 6183-6188 - SCI**  
**[o1] 2016 Sánchez-Lombardo, I. - Baruah, B. - Alvarez, S. - Werst, K.R. - Segaline, N.A. - Levinger, N.E. - Crans, D.C.: New Journal of Chemistry, Vol. 40, No. 2, 2016, s. 962-975 - SCOPUS**

ADC03 Rakovský, Erik [UKOPRCAG] - Joniaková, Daniela [UKOPRCAG] - Gyepes, Róbert - Schwendt, Peter [UKOPRCAG] - Mička, Zdeněk: Synthesis and crystal structure of [CuCl(phen)<sub>2</sub>]3H<sub>3</sub>V<sub>10</sub>O<sub>28</sub>·7H<sub>2</sub>O  
Lit.: 6 záz. n.  
In: Crystal Research and Technology. - Vol. 40, No. 7 (2005), s. 719-722. - ISSN 0232-1300  
*Indikátor časopisu:*  
IF (JCR) 2005=0,833  
*Ohlasy (11):*  
[o1] 2009 Thomas, J. - Agarwal, M. - Ramanan, A. - Chernova, N. - Whittingham, M.S.: Crystengcomm, Vol. 11, No. 4, 2009, s. 625-631 - SCI  
[o1] 2009 Liu, H.X. - Wang, J. - Jian, F.F. - Xiao, H.L.: Journal of Cluster Science, Vol. 20, No. 3, 2009, s. 621-627 - SCI  
[o1] 2009 Yan, J. - Zhao, H.Y. - Li, Z.P. - Xing, Y.H. - Zeng, X.Q. - Ge, M.F. - Niu, S.Y.: Journal of Cluster Science, Vol. 20, No. 4, 2009, s. 717-724 - SCI  
[o1] 2010 Dewan, A. - Kakati, D.K. - Das, B.K.: Indian Journal of Chemistry Section A-Inorganic Bio-Inorganic Physical Theoretical & Analytical Chemistry, Vol. 49A, No. 1, 2010, s. 39-44 - SCI  
[o1] 2011 Liu, H.X. - Wang, J. - Li, Y.F. - Jian, F.F.: Journal of Chemical Crystallography, Vol. 41, No. 9, 2011, s. 1254-1257 - SCI  
[o1] 2011 Venegas-Yazigi, D. - Hermosilla-Ibáñez, P. - Costamagna, J. - Spodine, E. - Vega, A. - Paredes-García, V. - Le Fur, E.: Macromolecular Symposia, Vol. 304. Weinheim : Wiley, 2011, S. 80-86 - SCOPUS ; BKCI-S  
[o1] 2012 Pang, H. - Meng, X. - Ma, H. - Liu, B. - Li, S.: Zeitschrift fuer Naturforschung - Section B Journal of Chemical Sciences, Vol. 67, No. 9, 2012, s. 855-859 - SCOPUS  
[o1] 2014 Iyer, A.K. - Roy, S. - Haridasan, R. - Sarkar, S. - Peter, S.C.: Dalton Transactions, Vol. 43, No. 5, 2014, s. 2153-2160 - SCOPUS  
[o1] 2016 Wang, M. - Sun, W. - Pang, H. - Ma, H. - Yu, J. - Zhang, Z. - Niu, Y. - Yin, M.: Journal of Solid State Chemistry, Vol. 235, March, 2016, s.175-182 - SCOPUS  
**[o1] 2016 Sánchez-Lombardo, I. - Baruah, B. - Alvarez, S. - Werst, K.R. - Segaline, N.A. - Levinger, N.E. - Crans, D.C.: New Journal of Chemistry, Vol. 40, No. 2, 2016, s. 962-975 - SCOPUS**  
[o1] 2017 Raizada, M. - Sama, F. - Ashafaq, M. - Shahid, M. - Ahmad, M. - Siddiqi, Z.A.: Journal of Materials Chemistry C, Vol. 5, No. 36, 2017, s. 9315-9330 - SCOPUS

ADC04 Joniaková, Daniela [UKOPRCAG] - Gyepes, Róbert - Rakovský, Erik [UKOPRCAG] - Schwendt, Peter [UKOPRCAG] - Žúrková, Ľudmila [UKOPRCAG] - Marek, Jaromír - Mička, Zdeněk: Structural variability of copper-1,10-phenanthroline-oxovanadate hybrid inorganic-organic compounds  
Lit.: 26 záz. n.  
In: Polyhedron. - Vol. 25, No. 13 (2006), s. 2491-2502. - ISSN 0277-5387  
*Indikátor časopisu:*  
IF (JCR) 2006=1,843  
*Ohlasy (14):*  
[o1] 2007 Wang, Q. - Yu, X.-l. - You, W.-S. - Zhao, Y. - Huang, C.-Y. - Sun, Z.-G.: Inorganic Chemistry Communications, Vol. 10, No. 12, 2007, s. 1465-1468 - SCOPUS  
[o1] 2008 Ellsworth, J.A. - Khaliq, Z.M. - Smith, M.D. - zur Loye, H.C.: Solid State Sciences, Vol. 10, No. 7, 2008, s. 825-836 - SCI  
[o1] 2008 Xu, X.H. - Cao, Q.L. - Luo, F. - Wang, G.: Zeitschrift für Naturforschung Section B-A Journal of Chemical Sciences, Vol. 63, No. 12, 2008, s. 1352-1356 - SCI  
[o1] 2009 Zhou, Y.Z. - Liu, J.L.: Inorganic Chemistry Communications, Vol. 12, No. 3, 2009, s. 243-245 - SCI  
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[o1] 2011 Yu, F. - Zhang, L. - Tan, J. - Li, X. - Wang, L. - Liu, F. - Yang, X.: Chemical Papers, Vol. 65, No. 1, 2011, s. 23-28 - SCOPUS  
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- [o1] 2012 Stinghen, D. - Ferreira, J.G. - Nunes, G.G. - Soares, J.F.: Acta Crystallographica Section C-Crystal Structure Communications, Vol. 68, 2012, s. m353-m355 - SCI
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- [o1] 2018 Gomes, A.C. - Antunes, M.M. - Abrantes, M. - Valente, A.A. - Paz, F.A.A. - Goncalves, I.S. - Pillinger, M.: ChemCatChem, Vol. 10, No. 16, 2018, s. 3481-3489 - SCI ; SCOPUS
- [o1] 2019 Kuang, J.Q. - Zhuang, J.Q. - Zhou, J. - Wang, X.L. - Ou, G.C.: Transition Metal Chemistry, Vol. 44, No. 3, 2019, s. 263-268 - SCI

ADC05 Rakovský, Erik [UKOPRCAG] - Gyepes, Róbert: Butane-1,4-diammonium dihydrogendecavanadate(V)

Lit.: 11 zázn.

In: Acta Crystallographica Section E-Structure Reports Online. - Vol. 62, Part 8 (2006), s. M1820-M1822. - ISSN 1600-5368

*Indikátor časopisu:*

IF (JCR) 2006= - (IF za rok 2006 neuvedený v JCR)

*Ohlasy (6):*

**[o1] 2007 Honda, D. - Ikegami, S. - Inoue, T. - Ozeki, T. - Yagasaki, A.: Inorganic Chemistry, Vol. 46, No. 4, 2007, s. 1464-1470 - SCI**

[o1] 2010 Jouffret, L. - Rivenet, M. - Abraham, F.: Inorganic Chemistry Communications, Vol. 13, No. 1, 2010, s. 5-9 - SCOPUS

[o1] 2010 Paul, A. - Kubicki, M.: Journal of Chemical Crystallography, Vol. 40, No. 7, 2010, s. 597-601 - SCI

**[o1] 2011 Konaka, S. - Ozawa Y. - Shonaka, T. - Watanabe, S. - Yagasaki, A.: Inorganic Chemistry, Vol. 50, No. 13, 2011, s. 6183-6188 - SCI**

[o1] 2012 Ito, T. - Taira, M. - Fukumoto, K. - Yamamoto, K. - Naruke, H. - Tomita, K.: Bulletin of the Chemical Society of Japan, Vol. 85, No. 11, 2012, s. 1222-1224 - SCOPUS

**[o1] 2016 Sánchez-Lombardo, I. - Baruah, B. - Alvarez, S. - Werst, K.R. - Segaline, N.A. - Levinger, N.E. - Crans, D.C: New Journal of Chemistry, Vol. 40, No. 2, 2016, s. 962-975 - SCI**

ADC06 Rakovský, Erik [UKOPRCAG] - Gyepes, Róbert: Butane-1,4-diammonium decavanadate(V) hexahydrate

Lit.: 16 zázn.

In: Acta Crystallographica Section E-Structure Reports Online. - Vol. 62, Part 9 (2006), s. M2108-M2110. - ISSN 1600-5368

*Indikátor časopisu:*

IF (JCR) 2006= - (IF za rok 2006 neuvedený v JCR)

*Ohlasy (3):*

[o1] 2011 Bosnjakovic-Pavlovic, N. - Prevost, J. - Spasojevic-de Bire, A.: Crystal Growth & Design, Vol. 11, No. 9, 2011, s. 3778-3789 - SCI

[o1] 2015 Toumi, S. - Ratel-Ramond, N. - Akriche, S.: Journal of Cluster Science, Vol. 26, No. 5, 2015, s. 1821-1831 - SCOPUS

**[o1] 2016 Sánchez-Lombardo, I. - Baruah, B. - Alvarez, S. - Werst, K.R. - Segaline, N.A. - Levinger, N.E. - Crans, D.C: New Journal of Chemistry, Vol. 40, No. 2, 2016, s. 962-975 - SCI**

ADC07 Pacigová, Silvia [UKOPRCAG] (25%) - Rakovský, Erik [UKOPRCAG] (25%) - Sivák, Michal [UKOPRCAG] (25%) - Žák, Zdirad (25%): Hexakis[3-(aminocarbonyl)pyridinium] decavanadate(V) dihydrate

Lit.: 16 zázn., 4 obr., 1 tab.

In: Acta Crystallographica Section C-Crystal Structure Communications. - Vol. 63, Part 9 (2007), s. M419-M422. - ISSN 0108-2701

*Ohlasy (10):*

[o1] 2008 Ondrejkočová, I. - Mikloš, D. - Štefániková, S.: Chemical Papers, Vol. 62, No. 5, 2008, s. 536-540 - SCI ; SCOPUS

[o1] 2008 Sarkar, A. - Pal, S.: Polyhedron, Vol. 27, No. 17, 2008, s. 3472-3476 - SCI

[o1] 2009 Yuan, C.X. - Lu, L.P. - Zhu, M.L. - Ma, Qi. - Wu, Y.B.: Acta Crystallographica Section E-Structure Reports Online, Vol. 65, Part 3, 2009, s. M267-U386 - SCI

- [o1] 2010 Jouffret, L. - Rivenet, M. - Abraham, F.: Inorganic Chemistry Communications, Vol. 13, No. 1, 2010, s. 5-9 - SCOPUS
- [o1] 2010 Dewan, A. - Kakati, D.K. - Das, B.K.: Indian Journal of Chemistry Section A-Inorganic Bio-Inorganic Physical Theoretical & Analytical Chemistry, Vol. 49A, No. 1, 2010, s. 39-44 - SCI
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- [o1] 2011 Bosnjakovic-Pavlovic, N. - Prevost, J. - Spasojevic-de Bire, A.: Crystal Growth & Design, Vol. 11, No. 9, 2011, s. 3778-3789 - SCI
- [o1] 2014 Sanchez-Lombardo, I. - Sanchez-Lara, E. - Perez-Benitez, A. - Mendoza, A. - Bernes, S. - Gonzalez-Vergara, E.: European Journal of Inorganic Chemistry, Vol. 27, Spec. Iss., 2014, s. 4581-4588 - SCI
- [o1] 2016 Sánchez-Lombardo, I. - Baruah, B. - Alvarez, S. - Werst, K.R. - Segaline, N.A. - Levinger, N.E. - Crans, D.C.: New Journal of Chemistry, Vol. 40, No. 2, 2016, s. 962-975 - SCOPUS**
- [o1] 2018 Missina, J.M. - Gavinho, B. - Postal, K. - Santana, F.S. - Valdameri, G. - De Souza, E.M. - Hughes, D.L. - Ramirez, M.I. - Soares, J.F. - Nunes, G.G.: Inorganic Chemistry, Vol. 57, No. 9, 2018, s. 11930-11941 - SCOPUS ; SCI

**ADC08 Klištincová, Lenka [UKOPRCAG] (34%) - Rakovský, Erik [UKOPRCAG] (33%) - Schwendt, Peter [UKOPRCAG] (33%): Decavanadate ion as bridging ligand. Synthesis and crystal structure of (NH<sub>4</sub>)<sub>2</sub>[Cu<sub>2</sub>(NH<sub>3</sub>CH<sub>2</sub>COO)<sub>4</sub>(V<sub>10</sub>O<sub>28</sub>)]**

**Lit.: 22 záz.**

**In: Inorganic Chemistry Communications. - Vol. 11, No. 10 (2008), s. 1140-1142. - ISSN 1387-7003**

*Indikátor časopisu:*

IF (JCR) 2008=1,854

*Ohlasy (24):*

- [o1] 2009 Wu, X.Y. - Kuang, X.F. - Yu, R.M. - Lu, C.Z.: Chinese Journal of Structural Chemistry, Vol. 28, No. 11, 2009, s. 1513-1518 - SCI
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- [o1] 2010 Li, Y.T. - Zhu, C.Y. - Wu, Z.Y. - Jiang, M. - Yan, C.W.: Transition Metal Chemistry, Vol. 35, No. 5, 2010, s. 597-603 - SCI
- [o1] 2010 Dolbecq, A. - Dumas, E. - Mayer, C.R. - Mialane, P.: Chemical Reviews, Vol. 110, No. 10, 2010, s. 6009-6048 - SCI
- [o1] 2010 Gil-Garcia, R. - Zichner, R. - Diez-Gomez, V. - Donnadiou, B. - Madariaga, G. - Insausti, M. - Lezama, L. - Vitoria, P. - Pedrosa, M.R. - Garcia-Tojal, J.: European Journal of Inorganic Chemistry, Iss. 28, 2010, s. 4513-4525 - SCI
- [o1] 2010 Liu, X. - Yin, X.-H. - Zhang, F.: Zeitschrift fur Naturforschung - Section B - Journal of Chemical Sciences, Vol. 65, No. 12, 2010, s. 1451-1456 - SCOPUS
- [o1] 2011 Ma, H.Y. - Meng, X. - Sha, J.Q. - Pang, H.J. - Wu, L.Z.: Solid State Sciences, Vol. 13, No. 5, 2011, s. 850-854 - SCI
- [o1] 2011 Zhetcheva, V.D.K. - Pavlova, L.P.: Turkish Journal of Chemistry, Vol. 35, No. 2, 2011, s. 215-223 - SCI
- [o1] 2012 Wang, C.-L. - Fu, J. - Mei, H. - Yan, D.-W. - Xu, Y.: Chinese Journal of Inorganic Chemistry, Vol. 28, No. 1, 2012, s. 176-180 - SCOPUS
- [o1] 2012 Udomvech, A. - Kongrat, P. - Pakawatchai, C. - Phetmung, H.: Inorganic Chemistry Communications, Vol. 17, 2012, s. 132-136 - SCOPUS
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- [o1] 2012 Pang, H. - Meng, X. - Ma, H. - Liu, B. - Li, S.: Zeitschrift fuer Naturforschung - Section B Journal of Chemical Sciences, Vol. 67, No. 9, 2012, s. 855-859 - SCOPUS
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- [o1] 2012 Luo, S.-Y. - Wu, X.-L. - Hu, Q.-P. - Wang, J.-X. - Liu, C.-Z. - Sun, Y.-Y.: Journal of Structural Chemistry, Vol. 53, No. 5, 2012, s. 915-920 - SCI
- [o1] 2013 Han, Q. - Cao, H. - Ma, P. - Zhao, J. - Niu, J.: Inorganic Chemistry Communications, Vol. 28, 2013, s. 7-11 - SCI

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- [o1] 2017 Amini, M. - Nikkhoo, M. - Tekantappeh, S.B. - Farnia, S.M.F. - Mahmoudi, G. - Buyukgungor, O.: Inorganic Chemistry Communications, Vol. 77, March, 2017, s. 72-76 - SCI
- [o1] 2019 Crans, D.C. - Sanchez-Lombardo, I. - McLauchlan, C.C.: Frontiers in Chemistry, Vol. 7, July, 2019, Art. No. 462 - SCI

ADC09 Klištincová, Lenka [UKOPRCAG] (33%) - Rakovský, Erik [UKOPRCAG] (34%) - Schwendt, Peter [UKOPRCAG] (33%): Bis[2-(2-hydroxyethyl)pyridinium] mu-decavanadato-bis[pentaquamanganate(II)] tetrahydrate

Lit.: 17 zázň., 4 obr.

In: Acta Crystallographica Section C-Crystal Structure Communications. - Vol. 65 (2009), s. M97-M99. - ISSN 0108-2701

*Indikátor časopisu:*

IF (JCR) 2009=0,782

*Ohlasy (2):*

[o1] 2011 Song, L. - Ling, C. - Wang, X.: Acta Crystallographica Section C: Crystal Structure Communications, Vol. 67, No. 12, 2011, s. m384-m386 - SCOPUS

[o1] 2015 Franco, M.P. - Rüdiger, A.L. - Soares, J.F. - Nunes, G.G. - Hughes, D.L.: Acta Crystallographica Section E: Structure Reports Online, Vol. 71, No. 2, 2015, s. 146-150 - SCOPUS

**ADC10 Doktorovová, Slavomíra (20%) - Araújo, Joana (20%) - Garcia, Marisa L. (20%) - Rakovský, Erik [UKOPRCAG] (20%) - Souto, Elian B. (20%): Formulating fluticasone propionate in novel PEG-containing nanostructured lipid carriers (PEG-NLC)**

Lit.: 29 zázň., 2 obr., 3 tab.

In: Colloids and Surfaces B - Biointerfaces. - Vol. 75, No. 2 (2010), s. 538-542. - ISSN 0927-7765

*Indikátor časopisu:*

IF (JCR) 2010=2,780

*Ohlasy (81):*

[o1] 2010 Wang, T. - Wang, N. - Zhang, Y.Y. - Shen, W.C. - Gao, X.M. - Li, T.F.: Colloids and Surfaces B-Biointerfaces, Vol. 79, No. 1, 2010, s. 254-261 - SCI

[o1] 2010 Nadkar, S. - Lokhande, C.: Pharma Times, Vol. 42, No. 4, 2010, s. 17-23 - SCOPUS

[o1] 2011 Feng, F.F. - Zheng, D.D. - Zhang, D.R. - Duan, C.X. - Wang, Y.C. - Jia, L.J. - Wang, F.H. - Liu, Y. - Gao, Q. - Zhang, Q.: Journal of Microencapsulation, Vol. 28, No. 4, 2011, s. 280-285 - SCI

[o1] 2011 Mudshinge, S.R. - Deore, A.B. - Patil, S. - Bhalgat, C.M.: Saudi Pharmaceutical Journal, Vol. 19, No. 3, 2011, s. 129-141 - SCI

[o1] 2011 Jain, N.K. - Ram, A.: International Journal of Pharmaceutical Sciences Review and Research, Vol. 7, No. 2, 2011, s. 125-130 - SCOPUS

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 Lit.: 41 zázň., 6 obr., 4 tab.  
 In: Transition Metal Chemistry. - Vol. 35, No. 6 (2010), s. 751-756. - ISSN 0340-4285  
*Indikátor časopisu:*  
 IF (JCR) 2010=1,166  
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 Lit.: 19 zázň., 4 obr., 3 tab.



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Lit.: 28 záz., 3 obr.

In: Inorganic Chemistry Communications. - Vol. 13, No. 11 (2010), s. 1275-1277. - ISSN 1387-7003

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Lit.: 25 záz.

In: European Journal of Organic Chemistry. - Iss. 30 (2011), s. 6110-6116. - ISSN 1434-193X

*Indikátor časopisu:*

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Lit. 51 zázň., 6 obr., 2 tab.

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Lit.: 34 zázn.

In: Journal of Organometallic Chemistry. - Vol. 696, No. 13 (2011), s. 2600-2606. - ISSN 0022-328X

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**Lit.: 23 zázn., 4 obr., 2 tab.**

**In: Polyhedron. - Vol. 31 No. 1 (2012), s. 565-569. - ISSN 0277-5387**

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Lit.: 36 zázn.

In: Journal of Molecular Structure. - Vol. 1027 (2012), s. 70-80. - ISSN 0022-2860

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ADC20 Almásy, Ambróz (20%) - Škvorcová, Andrea (15%) - Horváth, Branislav [UKOPRCUS] (15%) - Bilčík, Filip [UKOPRCOR] (10%) - Bariak, Vladimír [UKOPRCOR] (10%) - Rakovský, Erik [UKOPRCAG] (10%) - Šebesta, Radovan [UKOPRCOR] (20%): Explanation of Different Regioselectivities in the ortho-Lithiation of Ferrocenyl(phenyl) methanamines

Lit.: 24 zázn.

In: European Journal of Organic Chemistry. - No. 1 (2013), s. 111-116. - ISSN 1434-193X

*Indikátor časopisu:*

IF (JCR) 2013=3,154

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Lit.: 22 zázň.  
In: Tetrahedron - Asymmetry. - Vol. 24, No. 20 (2013), s. 1303-1311. - ISSN 0957-4166  
*Indikátor časopisu:*  
IF (JCR) 2013=2,165

ADC22 Beňadiková, Daniela (20%) - Āurillová, Júlia (30%) - Lacek, Tomáš (10%) - Rakovský, Erik [UKOPRCAG] (5%) - Moncol, Ján (5%) - Doháňošová, Jana (10%) - Fischer, Róbert (20%): 4,5-Unsubstituted 2,3-dihydroisoxazoles in the synthesis of racemic 4-substituted isoxazolidine-5-carbonitriles  
Lit.: 18 zázň., 10 obr., 5 tab.  
In: Tetrahedron. - Vol. 7, No. 35 (2014), s. 5585-5593. - ISSN 0040-4020  
*Registrované v:* vos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2014=2,641  
*Kvartil Q:*  
vos-jcr -- Q2 [chemistry, organic] -- 2014

**ADC23 Hrobárik, Peter [UKOPRCAG] (25%) - Semak, Vladislav (15%) - Kasák, Peter (15%) - Rakovský, Erik [UKOPRCAG] (10%) - Polyzos, Ioannis (5%) - Fakis, Mihalis (15%) - Persephonis, Peter (5%) - Hrobáriková, Veronika (10%): Quadrupolar Benzobisthiazole-Cored Arylamines as Highly Efficient Two-Photon Absorbing Fluorophores**

Lit.: 18 zázň., 4 obr., 1 tab.  
In: Organic Letters. - Vol. 16, No. 24 (2014), s. 6358-6361. - ISSN 1523-7060  
*Registrované v:* vos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2014=6,364  
*Kvartil Q:*  
vos-jcr -- Q1 [chemistry, organic] -- 2014

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- [o1] 2016 Raposo, M.M.M. - Herbivo, C. - Hugues, V. - Clermont, G. - Castro, M.C.R. - Comel, A. - Blanchard-Desce, M.: European Journal of Organic Chemistry, No. 31, November, 2016, s. 5263-5273 - SCI
- [o1] 2017 Moncalves, M. - Zanotto, G.M. - Toldo, J.M. - Rampon, D.S. - Schneider, P.H. - Goncalves, P.F.B. - Rodembusch, F.S. - Silveira, C.C.: RSC Advances, Vol. 7, No. 15, 2017, s. 8832-8842 - SCI ; SCOPUS
- [o1] 2017 Balaguez, R.A. - Betin, E.S. - Barcellos, T. - Lenardao, E.J. - Alves, D. - Schumacher, R.F.: New Journal of Chemistry, Vol. 41, No. 4, 2017, s. 1483-1487 - SCI ; SCOPUS
- [o1] 2017 Kulhanek, J. - Ludwig, M. - Bures, F. - Tydlit, J.: Chemistry of Heterocyclic Compounds, Vol. 53, No. 1, 2017, s. 46-53 - SCI
- [o1] 2017 Osman, O.I.: International Journal of Molecular Sciences, Vol. 18, No. 2, 2017, Art. No. 239 - SCI ; SCOPUS
- [o1] 2017 Ricci, F. - Carlotti, B. - Keller, B. - Bonaccorso, C. - Fortuna, C.G. - Goodson, T. - Elisei, F. - Spallettit, A.: Journal of Physical Chemistry C, Vol. 121, No. 7, 2017, s. 3987-4001 - SCI ; SCOPUS
- [o1] 2017 Ishi-i, T. - Moriyama, Y.: Tetrahedron, Vol. 73, No. 8, 2017, s. 1157-1164 - SCI ; SCOPUS
- [o1] 2017 Diaz, E. - Elgueta, E. - Sanchez, S.A. - Barbera, J. - Vergara, J. - Parra, M. - Dahrouch, M.: Soft Matter, Vol. 13, No. 9, 2017, s. 1804-1815 - SCI ; SCOPUS
- [o1] 2017 Tian, M.G. - Sun, Y.M. - Guo, L.F. - Zhang, R.Y. - Zhang, G. - Feng, R.Q. - Li, X.C. - Zhang, H.M. - He, L. - Yu, X.Q. - He, X.Q.: Sensors and Actuators B-Chemical, Vol. 243, May, 2017, s. 955-962 - SCI
- [o1] 2017 Das U.K. - Clement R. - Johannes C.W. - Robins E.G. - Jong H. - Baker R.T.: Catalysis Science and Technology, Vol. 7, No. 20, 2017, s. 4599-4603 - SCI ; SCOPUS
- [o1] 2017 Ferreira, R.C.M. - Costa, S.P.G. - Goncalves, H. - Belsley, M. - Raposo, M.M.M.: New Journal of Chemistry, Vol. 41, No. 21, 2017, s. 12866-12878 - SCI ; SCOPUS
- [o1] 2017 Seferoglu, Z.: Organic Preparations and Procedures International, Vol. 49, No. 4, 2017, s. 293-337 - SCOPUS
- [o1] 2017 Deiana, M. - Mettra, B. - Mazur, L.M. - Andraud, C. - Samoc, M. - Monnereau, C. - Matczyszyn, K.: ACS Omega, Vol. 2, No. 9, 2017, s. 5715-5725 - SCI
- [o1] 2018 Turan, H.T. - Kucur, O. - Kahraman, B. - Salman, S. - Aviyente, V.: Physical Chemistry Chemical Physics, Vol. 20, No. 5, 2018, s. 3581-3591 - SCI
- [o1] 2018 Zheng, Z. - Ayhan, M.M. - Liao, Y.Y. - Calin, N. - Bucher, C. - Andraud, C. - Bretonniere, Y.: new Journal of Chemistry, Vol. 42, No. 10, 2018, s. 7914-7930 - SCI
- [o1] 2017 Ren, T.-B. - Xu, W. - Jin, F.-P. - Cheng, D. - Zhang, L.-L. - Yuan, L. - Zhang, X.-B.: Analytical Chemistry, Vol. 89, No. 21, 2017, s. 11427-11434 - SCI ; SCOPUS
- [o1] 2019 Cocq, K. - Barthes, C. - Rives, A. - Maraval, V. - Chauvin, R.: Synlett, Vol. 30, No. 1, 2019, s. 30-43 - SCI
- [o1] 2018 Baglai, I. - Ramos-Ortiz, G. - Maldonado, J.L. - Voitenko, Z. - Maraval, V. - Chauvin, R.: French-Ukrainian Journal of Chemistry, Vol. 6, No. 2, 2018, s. 9-17 - SCI
- [o1] 2019 Barbosa-Silva, R. - Nogueira, M.A.M. - Souza, H.D.S. - Lira, B.F. - de Athayde, P.F. - de Araujo, C.B.: Journal of Physical Chemistry C, Vol. 123, No. 1, 2019, s. 677-683 - SCI
- [o1] 2019 Liu, L. - Tan, C. - Fan, R. - Wang, Z.H. - Du, H.G. - Xu, K. - Tan, J.J.: Organic & Biomolecular Chemistry, Vol. 17, No. 2, 2019, s. 252-256 - SCI
- [o1] 2019 Raikwar, M.M. - Patil, D.S. - Mathew, E. - Varghese, M. - Joe, I.H. - Sekar, N.: Journal of Photochemistry and Photobiology A-Chemistry, Vol. 373, March, 2019, s. 45-58 - SCI
- [o1] 2019 Okda, H.E. - El Sayed, S. - Ferreira, R.C.M. - Goncalves, R.C.R. - Costa, S.P.G. - Raposo, M.M.M. - Martinez-Manez, R. - Sancenon, F.: New Journal of Chemistry, Vol. 43, No. 19, 2019, s. 7393-7402 - SCI
- [o1] 2019 Cai, Z.B. - Liu, S.S. - Li, B. - Dong, Q.J. - Liu, Z.L. - Zheng, M. - Li, S.L. - Tian, Y.P. - Chen, L.J. - Ye, Q.: Dyes and Pigments, Vol. 165, June, 2019, s. 200-211 - SCI
- [o1] 2019 Raikwar, M.M. - Mathew, E. - Varghese, M. - Joe, I.H. - Nethi, S.N.: Photochemistry and Photobiology, Vol. 95, No. 4, 2019, s. 931-945 - SCI

ADC24 Drusan, Michal [UKOPRCOR] (55%) - Rakovský, Erik [UKOPRCAG] (15%) - Marek, Jaromír (5%) - Šebesta, Radovan [UKOPRCOR] (25%): Asymmetric One-Pot Conjugate Addition of Grignard Reagents to alpha,beta-Unsaturated Compounds Followed by Reaction with Carbenium Ions  
 Lit.: 26 zázn., 7 obr., 2 tab.  
 In: Advanced Synthesis & Catalysis. - Vol. 357, No. 7 (2015), s. 1493-1498. - ISSN 1615-4150  
 Registrované v: wos  
 Registrované v: scopus  
 Indikátor časopisu:  
 IF (JCR) 2015=6,453

*Kvartil Q:*

wos-jcr -- Q1 [chemistry, applied] ; Q1 [chemistry, organic] -- 2014

*Ohlasy (4):*

[o1] 2016 Gualandi, A. - Mengozzi, L. - Manoni, E. - Cozzi, P.G.: Chemical Record, Vol. 16, No. 3, 2016, s. 1228-1243 - SCI

[o1] 2017 Kennington S.C.D. - Ferré M. - Romo J.M. - Romea P. - Urpí F. - Font-Bardia M.: Journal of Organic Chemistry, Vol. 82, No. 12, 2017, s. 6426-6433 - SCI ; SCOPUS

[o1] 2017 Gualandi, A. - Mengozzi, L. - Cozzi, P.G.: Synthesis (Germany), Vol. 49, No. 15, 2017, s. 3433-3443 - SCI ; SCOPUS

[o1] 2019 Wang, J.Y.J. - Palacin, T. - Fletcher, S.P.: Organic Letters, Vol. 21, No. 2, 2019, s. 378-381 - SCI ; SCOPUS

ADC25 Almásy, Ambróz (40%) - Rakovský, Erik [UKOPRCAG] (20%) - Malastová, Andrea (10%) - Sorádová, Zuzana [UKOPRCOR] (10%) - Šebesta, Radovan [UKOPRCOR] (20%): Synthesis of epimer of Taniaphos ligand  
Lit.: 51 zázň., 6 obr., 4 tab.

In: Journal of Organometallic Chemistry. - Vol. 805, March (2016), s. 130-138. - ISSN 0022-328X

*Registrované v:* wos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2016=2,184

*Kvartil Q:*

wos-jcr -- Q2 [chemistry, inorganic & nuclear] ; Q2 [chemistry, organic] -- 2016

*Ohlasy (2):*

[o1] 2017 Carmen Carrion, M. - Torres, J. - Jalon, F.A. - Rodriguez, A.M. - Zirakzadeh, A. - Manzano, B.R.: European Journal of Inorganic Chemistry, Iss. 8, February, 2017, s. 1153-1162 - SCI

[o1] 2018 Al-bayati, Y.W.A. - Karakas, D.E. - Meric, N. - Aydemir, M. - Durap, F. - Baysal, A.: Applied Organometallic Chemistry, Vol. 32, No. 1, 2018, Art. No. e3919 - SCI

ADC26 Kuchtanin, Vladimír (35%) - Kleščíková, Lucia (10%) - Šoral, Michal (10%) - Fischer, Róbert (10%) - Růžičková, Zdeňka (5%) - Rakovský, Erik [UKOPRCAG] (10%) - Moncol, Ján (10%) - Segfa, Peter (10%): Nickel(II) Schiff base complexes: Synthesis, characterization and catalytic activity in Kumada-Corriu cross-coupling reactions  
Lit.: 35 zázň., 5 obr., 1 tab.

In: Polyhedron. - Vol. 117, October (2016), s. 90-96. - ISSN 0277-5387

*Registrované v:* wos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2016=1,926

*Kvartil Q:*

wos-jcr -- Q2 [chemistry, inorganic & nuclear] ; Q2 [crystallography] -- 2016

*Ohlasy (15):*

[o1] 2017 Silva T.B. - Da Silva F.C. - Ferreira V.F.: Revista Virtual de Quimica, Vol. 9, No. 3, 2017, s. 1258-1284 - SCI ; SCOPUS

[o1] 2017 Bharti S. - Choudhary M. - Mohan B. - Rawat S.P. - Sharma S.R. - Ahmad, K.: Molecular Structure, Vol. 1149, December, 2017, s. 846-861 - SCI ; SCOPUS

[o1] 2017 Younas, N. - Rashid, M.A. - Usman, M. - Nazir, S. - Noor, S. - Basit, A. - Jamil, M.: Journal of Surfactants and Detergents, Vol. 20, No. 6, 2017, s. 1311-1320 - SCI

[o1] 2018 Asano, E. - Hatayama, Y. - Kurisu, N. - Ohtani, A. - Hashimoto, T. - Kurihara, Y. - Ueda, K. - Ishihara, S. - Nagao, H. - Yamaguchi, Y.: Dalton Transactions, Vol. 47, No. 24, 2018, s. 8003-8012 - SCI

[o1] 2018 Okeke, U. - Otchere, R. - Gultneh, Y. - Butcher, R.J.: Acta Crystallographica Section E: Crystallographic Communications, Vol. 74, 2018, s. 1121-1125 - SCI ; SCOPUS

[o1] 2018 Musamali, R. - Isa, Y.M.: International Journal of Energy Research, Vol. 42, No. 14, 2018, s. 4372-4382 - SCI ; SCOPUS

[o1] 2018 Sukanya, P. - Venkata Ramana Reddy, C.: Applied Organometallic Chemistry, Vol. 32, No. 11, 2018, Art. No.4526 - SCI ; SCOPUS

[o1] 2019 Abubakar, S. - Ibrahim, H. - Bala, M.D.: Inorganica Chimica Acta, Vol. 484, Januar, 2019, s. 276-282 - SCI ; SCOPUS



[o1] 2018 Abubakar, S. - Bala, M.D.: Journal of Coordination Chemistry, Vol. 71, No. 16-18, 2018, s. 2913-2923 - SCI  
[o1] 2019 Kurisu, N. - Asano, E. - Hatayama, Y. - Kurihara, Y. - Hashimoto, T. - Funatsu, K. - Ueda, K. - Yamaguchi, Y.: European Journal of Inorganic Chemistry, Iss. 1, 2019, s. 126-133 - SCI  
[o1] 2019 Andiappan, K. - Sanmugam, A. - Deivanayagam, E. - Karuppasamy, K. - Kim, H.S. - Vikraman, D.: International Journal of Biological Macromolecules, Vol. 124, March, 2019, s. 403-410 - SCI  
[o1] 2019 Heravi, M.M. - Zadsirjan, V. - Hajiabbasi, P. - Hamidi, H.: Monatshefte fur Chemie, Vol. 150, No. 4, 2019, s. 535-591 - SCI  
[o1] 2019 Kumar, S.: Journal of Heterocyclic Chemistry, Vol. 56, No. 4, 2019, s. 1168-1230 - SCI  
[o1] 2019 Kushvaha, S.K. - Arumugam, S. - Shankar, B. - Sarkar, R.S. - Ramkumar, V. - Mondal, K.C.: European Journal of Inorganic Chemistry, Iss. 24, 2019, s. 2871-2882 - SCI  
[o1] 2019 Agrahari, B. - Layek, S. - Ganguly, R. - Dege, N. - Pathak, D.D.: Journal of Organometallic Chemistry, Vol. 890, July, 2019, s. 13-20 - SCI

ADC27 Beyrati, Maryam (16%) - Forutan, Maryam (14%) - Hasaninejad, Alireza (14%) - Rakovský, Erik [UKOPRCAG] (14%) - Babaei, Somayyeh (14%) - Maryamabadi, Ammar (14%) - Mohebbi, Gholamhossein (14%): One-pot, four-component synthesis of spiroindoloquinazoline derivatives as phospholipase inhibitors

Lit.: 40 zázň., 5 obr., 3 tab.

In: Tetrahedron. - Vol. 73, No. 34 (2017), s. 5144-5152. - ISSN 0040-4020

*Registrované v:* vos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2017=2,377

*Kvartil Q:*

wos-jcr -- Q2 [chemistry, organic] -- 2016

*Ohlasy (4):*

[o1] 2018 Rinderspacher, K.A.: Progress in Heterocyclic Chemistry, Vol. 30, January, 2018, s. 357-398 - SCI ; SCOPUS

[o1] 2018 Hu, J.-L. - Sha, F. - Li, Q. - Wu, X.-Y.: Tetrahedron, Vol. 74, No. 50, 2018, s. 7148-7155 - SCI ; SCOPUS

[o1] 2019 Zhang, Y.T. - Shao, Y.L. - Gong, J.L. - Zhu, J.H. - Cheng, T.X. - Chen, J.X.: Journal of Organic Chemistry, Vol. 84, No. 5, 2019, s. 2798-2807 - SCI

[o1] 2019 Yavari, I. - Askarian-Amiri, M. - Taheri, Z.: Monatshefte fur Chemie, Vol. 150, No. 6, 2019, s. 1093-1099 - SCI

ADC28 Plevová, Kristína [UKOPRCOR] (35%) - Mudráková, Brigita [UKOPRCOR] (35%) - Rakovský, Erik [UKOPRCAG] (15%) - Šebesta, Radovan [UKOPRCOR] (15%): Diastereoselective Pd-Catalyzed C-H Arylation of Ferrocenylmethanamines with Arylboronic Acids or Pinacol Esters

Lit.: 52 zázň.

In: The Journal of Organic Chemistry. - Roč. 84, č. 11 (2019), s. 7312-7319. - ISSN (print) 0022-3263

*Registrované v:* scopus

*Registrované v:* vos

*Indikátor časopisu:*

IF (JCR) 2018=4,745

*Kvartil Q:*

wos-jcr -- Q1 [chemistry, organic] -- 2018

#### **ADD Vedecké práce v domácích karentovaných časopisoch**

ADD01 Rakovský, Erik [UKOPRCAG] - Žúrková, Ludmila [UKOPRCAG]: Synthesis and Properties of Ethanolammonium Decavanadates

In: Chemical papers. - Vol. 52, No. 2 (1998), s. 114-118. - ISSN 0366-6352

*Indikátor časopisu:*

IF (JCR) 1998= -

*Ohlasy (1):*

[o1] 2013 Kioseoglou, E. - Gabriel, C. - Petanidis, S. - Psycharis, V. - Raptopoulou, C.P. - Terzis, A. - Salifoglou, A.: Zeitschrift für anorganische und allgemeine Chemie, Vol. 639, No. 8-9, 2013, s. 1407-1416 - SCOPUS

## ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

ADM01 Krivosudský, Lukáš [UKOPRCAG] (50%) - Rakovský, Erik [UKOPRCAG] (50%):

Catena-Poly[[pyrazine-2-carboxamide?N4)copper(I)]- mí3-iodido

Lit. 28 záz., 4 obr.

In: Acta Crystallographica Section E-Structure Reports Online. - Vol. 70, No. 7 (2014), s. m267-m268. - ISSN 1600-5368

Registrované v: scopus

Ohlasy (1):

[o1] 2018 Hou, F. - Powell, M. - Dougherty, D.B. - Sommer, R.D. - Maggard, P.A.: Crystal Growth and Design, Vol. 18, No. 9, 2018, s. 5406-5416 - SCOPUS

ADM02 Rakovský, Erik [UKOPRCAG] (50%) - Krivosudský, Lukáš [UKOPRCAG] (50%):

Tetrakis(2,6-dimethylpyridinium) dihydrogen decavanadate dihydrate

Lit. 20 záz., 2 obr.

In: Acta Crystallographica Section E-Structure Reports Online. - Vol. 70, Iss. 6 (2014), s. m225-m226. - ISSN 1600-5368

Registrované v: scopus

Ohlasy (1):

[o1] 2016 Sánchez-Lombardo, I. - Baruah, B. - Alvarez, S. - Werst, K.R. - Segaline, N.A. - Levinger, N.E. - Crans, D.C.: New Journal of Chemistry, Vol. 40, No. 2, 2016, s. 962-975 - SCOPUS

### Štatistika kategórií (Záznamov spolu: 61, z nich je v prehľade uvedených 32):

ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách (1)

ADC Vedecké práce v zahraničných karentovaných časopisoch (28)

ADD Vedecké práce v domácich karentovaných časopisoch (1)

ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (2)

### Štatistika ohlasov (331):

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (329)

[o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (2)

### Štatistika kategórií prác nezaraďených do prehľadu (Záznamov spolu: 29)

AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch (1)

AFD Publikované príspevky na domácich vedeckých konferenciách (4)

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (8)

AFH Abstrakty príspevkov z domácich vedeckých konferencií (12)

AFL Postery z domácich konferencií (1)

FAI Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky, atlasy ...) (3)