

Ohlasy / Citations, reviews

Institute: SAVPOLYM - Ústav polymérov SAV

Date of citation, review: 2015~2020

Citations, reviews

Citations in Web of Science Core Collection (1.1, 2.1)	15161
Citations in SCOPUS (1.2, 2.2)	1385
Citations in other citation indexes and databases (not listed above) (3.2, 4.2)	0
Other citations (not listed above) (3.1, 4.1)	25
Reviews (5, 6)	0

Count **16571**

AAA Scientific monographs published abroad

AAA01 CAPEK, Ignác. *DNA Engineered Noble Metal Nanoparticles : Fundamentals and State-of-the-Art of Nanobiotechnology*. 1. Salem : Scrivener Publishing LLC, 2015. 637 p. ISBN 978-1-118-07214-1

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2. [1.1] CARNERERO, J.M. - MASUOKA, S. - BABA, H. - YOSHIKAWA, Y. - PRADO-GOTOR, R. - YOSHIKAWA, K. Decorating a single giant DNA with gold nanoparticles. In RSC ADVANCES. ISSN 2046-2069, 2018, vol. 8, no. 47, p. 26571-26579., Registrované v: WOS
3. [1.1] ELDABAGH, N. - MICEK, M. - DEPRINCE, A.E. - FOLEY, J.J. Resonance Energy Transfer Mediated by Metal-Dielectric Composite Nanostructures. In JOURNAL OF PHYSICAL CHEMISTRY C. ISSN 1932-7447, AUG 16 2018, vol. 122, no. 32, p. 18256-18265., Registrované v: WOS
4. [1.1] GAWANDE, M.B. - GOSWAMI, A. - FELPIN, F.X. - ASEFA, T. - HUANG, X.X. - SILVA, R. - ZOU, X.X. - ZBORIL, R. - VARMA, R.S. Cu and Cu-Based Nanoparticles: Synthesis and Applications in Review Catalysis. In CHEMICAL REVIEWS. ISSN 0009-2665, MAR 23 2016, vol. 116, no. 6, p. 3722-3811., Registrované v: WOS
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8. [1.1] PANICKER, S. - AHMADY, I.M. - ALMEHDI, A.M. - WORKIE, B. - SAHLE-DEMESSIE, E. - HAN, C. - CHEHIMI, M.M. - MOHAMED, A.A. Gold-Aryl nanoparticles coated with polyelectrolytes for adsorption and protection of DNA against nuclease degradation. In *APPLIED ORGANOMETALLIC CHEMISTRY*. ISSN 0268-2605, APR 2019, vol. 33, no. 4., Registrované v: WOS

9. [1.1] THOMAS, R. - PHUA, S.Z.F. - SREEJITH, S. - ZHAO, Y.L. - SOH, C.B. Light intensity field enhancement (LIFE) induced localized edge abrasion of silica-coated silver nanoprisms. In *NANOSCALE*. ISSN 2040-3364, OCT 28 2017, vol. 9, no. 40, p. 15356-15361., Registrované v: WOS

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13. [1.2] TIWARI, A. An era of high-tech materials. (2016) *Advanced Materials Letters*, 7 (1), p. 1-2. DOI: 10.5185/amlett.2016.1001, Registrované v: Scopus

14. [1.2] XIA, Xiuli - SHAO, Yuanzhi. Quantum mechanical studies of full-shell noble metal nanoclusters in water. In *International Journal of Quantum Chemistry*. ISSN 00207608, 2018-10-15, 118, 20, pp., Registrované v: SCOPUS

AAA02 CAPEK, Ignác. *Nanocomposite Structures and Dispersions : Second Edition*. Elsevier, 2019. 458 p. Dostupné na: <https://doi.org/10.1016/C2015-0-00616-5>. ISBN 978-0-444-63748-2

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1. [1.1] ASGHARI, S. - HATAMI, M. - AHMADIPOUR, M. Preparation and Investigation of Novel PVA/Silica Nanocomposites with Potential Application in NLO. In POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING. ISSN 0360-2559, 2015, vol. 54, no. 2, p. 192-201., Registrované v: WOS

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2. [1.2] CALTABIANO, Anna M. - FOLEY, Joe P. - STRIEGEL, André M. Organic solvent modifier and temperature effects in non-aqueous size-exclusion chromatography on reversed-phase columns. In Journal of Chromatography A. ISSN 00219673, 2018-01-05, 1531, pp. 83-103., Registrované v: SCOPUS

ABC02 CAPEK, Ignác. Dispersions based on carbon nanotubes – biomolecules conjugates. In *Carbon Nanotubes : Growth and Applications*. - Rijeka, Croatia : InTech, 2011, p. 75-96. ISBN 978-953-307-566-2.

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5. [1.1] CRETOIS, R. - CHENAL, J.M. - SHEIBAT-OTHMAN, N. - MONNIER, A. - MARTIN, C. - ASTRUZ, O. - KURUSU, R. - DEMARQUETTE, N.R. Physical explanations about the improvement of PolyHydroxyButyrate ductility: Hidden effect of plasticizer on physical ageing. In POLYMER. ISSN 0032-3861, OCT 12 2016, vol. 102, p. 176-182., Registrované v: WOS
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