

Riešiteľ	TOKAR Kamil
Pozícia na projekte	Vedecko-výskumný pracovník
Vedecké identifikátory	WoS (Researcher ID): V-3908-2018, Scopus (AuthorID): 35769762800, ORCID: 0000-0003-3257-3666
Vedecké zameranie	počítačovo-numerického modelovanie kvantových systémov kvantovomechanickými ab initio metódami a metódami používanými v kvantovej chémii, iónové implantácie
Publikačná činnosť s ohlasmí (aktuálne k 31.10.2022)	
V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka	
V2_01	TOKÁR, Kamil - UHLIAR, Matej - DERZSI, Mariana. The first silver chloride with rare silver clusters from ab initio study. In <i>CESTC 2022 : 18th Central European Symposium on Theoretical Chemistry 2022, 7-10 September 2022, Balatonszárszód, Hungary</i> . 1. vyd. Budapešť : Hungarian Chemical Society, 2022, S. 55. ISBN 978-615-6018-10-6. Typ výstupu: abstrakt z podujatia; Výstup: zahraničný; Kategória publikácie do 2021: AFG
V2_02	TOKÁR, Kamil. Computational materials design research group - project scientific results 2020-2022. In <i>Bulletin vedeckých príspevkov : Bulletin vedeckých príspevkov z projektu Vedeckovýskumné centrum excelentnosti Slovákion pre materiálový a interdisciplinárny výskum</i> . 1. vyd. Bratislava : Spektrum, 2022, S. 75-80. ISBN 978-80-227-5220-6. Typ výstupu: príspevok; Výstup: domáci; Kategória publikácie do 2021: AED
V3 Vedecký výstup publikačnej činnosti z časopisu	
V3_01	BALOGH, Róbert - ECKSTEIN, Anita - TOKÁR, Kamil - DANKO, Martin. The synthesis and spectral study of thiazolo[5,4-d]thiazole based small molecules using 1,3,4-oxadiazole as a linker for organic electronics. In <i>Journal of Photochemistry and Photobiology A: Chemistry</i> . Vol. 434, (2023), s. 1-11. ISSN 1010-6030 (2021: 5.141 - IF, Q2 - JCR Best Q, 0.628 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.1016/j.jphotochem.2022.114217 ; SCOPUS: 2-s2.0-85136520888. Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC
V3_02	DERZSI, Mariana - GRZELAK, Adam - KONDRATIUK, Pawel - TOKÁR, Kamil - GROCHALA, Wojciech. Quest for Compounds at the Verge of Charge Transfer Instabilities: The Case of Silver(II) Chloride. In <i>NEW SZP GEN: Crystals</i> . Vol. 9, iss. 8 (2019), s. 1-19. ISSN 2073-4352 (2019: 2.404 - IF, Q2 - JCR Best Q, 0.594 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.3390/cryst9080423 ; WOS: 000482996000025 ; CC: 000482996000025 ; SCOPUS: 2-s2.0-85073295099. Kategória publikácie do 2021: ADC Ohlasy: 1. [1] HERMANN, Andreas - KURZYDŁOWSKI, Dominik. First-Principles Prediction of Structures and Properties in Crystals. In <i>CRYSTALS</i> , 2019, vol. 9, no. 9, pp. ISSN 2073-4352., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 2. [1] JOVEN-SANCHO, Daniel - BAYA, Miguel - FALVELLO, Larry R. - MARTÍN, Antonio - ORDUNA, Jesús - MENJÓN, Babil. Stability of AgIII towards Halides in Organosilver(III) Complexes. In <i>Chemistry A European Journal</i> , 2021, 27, 50, pp. 12796-12806. ISSN 09476539., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 3. [1] ROSTAMI, Samare - GHASEMI, S. Alireza - GOEDECKER, Stefan. Novel polymorphs and polytypes of lithium chloride from structure predictions based on charge equilibration via neural network technique. In <i>Physical Review Materials</i> , 2021, 5, 12, pp., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný
V3_03	DERZSI, Mariana - UHLIAR, M. - TOKÁR, Kamil. Ag6Cl4: the first silver chloride with rare Ag-6 clusters from an ab initio study. In <i>Chemical Communications</i> . Vol. 57, iss. 79 (2021), s. 186-189. ISSN 1359-7345 (2021: 6.065 - IF, Q2 - JCR Best Q, 1.513 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1039/d1cc03426j ; SCOPUS: 2-s2.0-85116612688 ; WOS: 000695618600001 ; CC: 000703714000001. Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC Ohlasy: 1. [1] GRZELAK, Adam - GROCHALA, Wojciech. Stability of hypothetical AgsupII/supClinf2/inf polymorphs under high pressure, revisited: a computational study. In <i>Scientific Reports</i> , 2022-12-01, 12, 1, pp., Registrované v: SCOPUS Ohlas: zahraničný
V3_04	DERZSI, Mariana - TOKÁR, Kamil - PIEKARZ, Przemyslaw - GROCHALA, Wojciech. Charge ordering mechanism in silver difluoride. In <i>Physical Review B</i> . Vol. 105, iss. 8 (2022), s.1-6. ISSN 2469-9950 (2021: 3.908 - IF, Q2 - JCR Best Q, 1.537 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1103/PhysRevB.105.L081113 ; SCOPUS: 2-s2.0-85126052416 ; WOS: 000766640700006 ; CC: 000766640700006. Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC Ohlasy: 1. [1] LIU, Xiaoqiang - PANDEY, Shishir K. - FENG, Ji. Silver(II) route to unconventional superconductivity. In <i>Physical Review B</i> , 2022-04-01, 105, 13, pp. ISSN 24699950., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 2. [1] PROSNIKOV, M. A. Magnons in AgF2, AgCuF4, and AgNiF4. In <i>Journal of Magnetism and Magnetic Materials</i> , 2022-09-01, 557, pp. ISSN 03048853., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný

V3_05

HAGARA, Jakub - MRKYVKOVA, Nada - NÁDAŽDY, Peter - HODAS, Martin - BODÍK, Michal - JERGEL, Matej - MAJKOVÁ, Eva - TOKÁR, Kamil - HUTÁR, Peter - SOJKOVÁ, Michaela - CHUMAKOV, Andrei - KONOVALOV, Oleg - PANDIT, Pallavi - ROTH, Stephan - HINDERHOFER, Alexander - HULMAN, Martin - ŠIFFALOVÍČ, Peter - SCHREIBER, Frank. Reorientation of π -conjugated molecules on few-layer MoS₂ films. In *Physical Chemistry Chemical Physics*. Vol. 22, iss. 5 (2020), s. 3097-3104. ISSN 1463-9076 (2020: 3.676 - IF, Q1 - JCR Best Q, 1.053 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1039/C9CP05728E ; SCOPUS: 2-s2.0-85079017814 ; WOS: 000517561500046 ; CC: 000517561500046.

Kategória publikácie do 2021: ADC

Ohlasy:

- [1] HUANG, Yu Li - WEE, Andrew Thye Shen. THE ELECTRONIC STRUCTURE at ORGANIC-2D MATERIAL HETEROINTERFACES. In *Surface Review and Letters*, 2021, 28, 8, pp. ISSN 0218625X., Registrované v: SCOPUS, WOS, CC
Ohlas: zahraničný
- [1] ZHAO, Yuda - GOBBI, Marco - HUESO, Luis E. - SAMORI, Paolo. Molecular Approach to Engineer Two-Dimensional Devices for CMOS and beyond-CMOS Applications. In *CHEMICAL REVIEWS*, 2022, vol. 122, no. 1, pp. 50-131. ISSN 0009-2665., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
- [1] OLIVA, Ignacio Gonzalez - CARUSO, Fabio - PAVONE, Pasquale - DRAXL, Claudia. Hybrid excitations at the interface between a MoS₂ monolayer and organic molecules: A first-principles study. In *PHYSICAL REVIEW MATERIALS*, 2022, vol. 6, no. 5, pp. ISSN 2475-9953., Registrované v: WOS, CC
Ohlas: zahraničný

V3_06

HULMAN, Martin - SOJKOVÁ, Michaela - VÉGSŐ, Karol - MRKYVKOVA, Nada - HAGARA, Jakub - HUTÁR, Peter - KOTRUSZ, Peter - HUDEC, Ján - TOKÁR, Kamil - MAJKOVA, Eva - ŠIFFALOVÍČ, Peter. Polarized Raman Reveals Alignment of Few-Layer MoS Films. In *Journal of Physical Chemistry C*. Vol. 123, iss. 48 (2019), s. 29468-29475. ISSN 1932-7447 (2019: 4.189 - IF, Q2 - JCR Best Q, 1.477 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1021/acs.jpcc.9b08708 ; CC: 000501623100044 ; WOS: 000501623100044 ; SCOPUS: 2-s2.0-85075674681.

Kategória publikácie do 2021: ADC

Ohlasy:

- [1] ZUO, Shixiang - CAO, Xiaoman - WANG, Peijun - LI, Xiazhang - LIU, Wenjie - XU, Rong - YAO, Chao - FU, Yongsheng - LIU, Xiaoheng. Synthesis of ultrathin-layered MoS₂/conductive mica composites with enhanced visible photocatalytic activity. In *MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING*, 2021, vol. 121, no., pp. ISSN 1369-8001., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
- [1] BAI, Xue - LV, He - LIU, Zhuo - CHEN, Junkun - WANG, Jue - SUN, Baihe - ZHANG, Yang - WANG, Ruihong - SHI, Keying. Thin-layered MoS₂ nanoflakes vertically grown on SnO₂ nanotubes as highly effective room-temperature NO₂ gas sensor. In *Journal of Hazardous Materials*, 2021, 416, pp. ISSN 03043894., Registrované v: SCOPUS, WOS, CC
Ohlas: zahraničný
- [1] RAHMATI, Bahareh - GHAYEB-ZAMHARIR, Sara - KARIMZADEH, Rouholla - MOHSENI, Seyed Majid. Nonlinear Optical Properties of Vertically-Aligned MoS₂ Nanosheets. In *JOURNAL OF ELECTRONIC MATERIALS*, 2021, vol. 50, no. 6, pp. 3645-3651. ISSN 0361-5235., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
- [1] DU, Yuhan - CHEN, Ju - WU, Wenbin - SHI, Zeping - MENG, Xianghao - ZHANG, Cheng - GONG, Shijing - CHU, Junhao - YUAN, Xiang. Comparative Raman spectroscopy of magnetic topological material EuCd₂X₂ (X = P, As). In *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2022, vol. 34, no. 22, pp. ISSN 0953-8984., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
- [1] GUO, Zenglong - WANG, Lei - HAN, Mengjiao - ZHAO, Erding - ZHU, Liang - GUO, Weiteng - TAN, Junyang - LIU, Bilu - CHEN, Xing-Qiu - LIN, Junhao. One-Step Growth of Bilayer 2H-1T' MoTe₂ van der Waals Heterostructures with Interlayer-Coupled Resonant Phonon Vibration. In: *ACS NANO*, 2022, vol. 16, no. 7, pp. 11268-11277. ISSN 1936-0851., Registrované v: WOS, CC
Ohlas: zahraničný

V3_07

MRKYVKOVA, N. - HODAS, Martin - HAGARA, Jakub - NÁDAŽDY, Pavol - HALAHOVETS, Yurily - BODÍK, Michal - TOKÁR, Kamil - CHAI, J.W. - WANG, S.J. - CHI, D.Z. - CHUMAKOV, Aleksandr I. - KONOVALOV, O. - HINDERHOFER, Alexander - JERGEL, M. - MAJKOVA, Eva - ŠIFFALOVÍČ, Peter - SCHREIBER, F. Diindenoperylene thin-film structure on MoS₂ monolayer. In *Applied Physics Letters*. Vol. 114, iss. 25 (2019), s. 51906-51906. ISSN 0003-6951 (2019: 3.597 - IF, Q1 - JCR Best Q, 1.343 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1063/1.5100282 ; SCOPUS: 2-s2.0-85068135919 ; WOS: 000474433800031 ; CC: 000474433800031.

Kategória publikácie do 2021: ADC

Ohlasy:

- [1] KHAN, Yahya - OBAIDULLA, Sk Md - REZWAN HABIB, Mohammad - KONG, Yuhan - XU, Mingsheng. Anomalous photoluminescence quenching in DIP/MoS₂ van der Waals heterostructure: Strong charge transfer and a modified interface. In *Applied Surface Science*, 2020, 530, pp. ISSN 01694332., Registrované v: SCOPUS, WOS, CC
Ohlas: zahraničný
- [1] AMSTERDAM, Samuel H. - MARKS, Tobin J. - HERSAM, Mark C. Leveraging Molecular Properties to Tailor Mixed-Dimensional Heterostructures beyond Energy Level Alignment. In *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2021, vol. 12, no. 19, pp. 4543-4557. ISSN 1948-7185., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
- [1] MELANI, Giacomo - GUERRERO-FELIPE, Juan Pablo - VALENCIA, Ana M. - KRUMLAND, Jannis - COCCHI,

	<p>Caterina - IANNUZZI, Marcella. Donors, acceptors, and a bit of aromatics: electronic interactions of molecular adsorbates on hBN and MoSinf2/inf monolayers. In: <i>Physical Chemistry Chemical Physics</i>, 2022-06-16, 24, 27, pp. 16671-16679. ISSN 14639076., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný</p>
V3_08	<p>PIOMBO, Riccardo - JEZERSKI, Daniel - MARTINS PERIN, Henrique - JARON, Tomasz - GASTIASORO, Maria N. - BARONE, Paolo - TOKÁR, Kamil - PIEKARZ, Przemyslaw - DERZSI, Mariana - MAZEJ, Zoran - ABBATE, Miguel - GROCHALA, Wojciech - LORENZANA, Jose. Strength of correlations in a silver-based cuprate analog. In <i>Physical Review B</i>. Vol. 106, iss. 3 (2022), s. 1-12. ISSN 2469-9950 (2021: 3.908 - IF, Q2 - JCR Best Q, 1.537 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1103/PhysRevB.106.035142 ; SCOPUS: 2-s2.0-85135726994 ; WOS: 000834358500003 ; CC: 000834358500003. Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC</p>
V3_09	<p>TOKÁR, Kamil - DERZSI, Mariana - GROCHALA, Wojciech. Comparative computational study of antiferromagnetic and mixed-valent diamagnetic phase of AgF2: Crystal, electronic and phonon structure and p-T phase diagram. In <i>Computational Materials Science</i>. Vol. 188, (2021), s.1-10. ISSN 0927-0256 (2021: 3.572 - IF, Q3 - JCR Best Q, 0.777 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1016/j.commatsci.2020.110250 ; SCOPUS: 2-s2.0-85098118677 ; WOS: 000621030500001 ; CC: 000621030500001. Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC Ohlasy: 1. [1] LIU, Xiaoqiang - PANDEY, Shishir K. - FENG, Ji. Silver(II) route to unconventional superconductivity. In <i>Physical Review B</i>, 2022-04-01, 105, 13, pp. ISSN 24699950., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný</p>
V3_10	<p>TOKÁROVÁ, Zita - MAXIANOVÁ, Petra - VÁRY, Tomáš - NÁDAŽDY, Vojtech - VÉGH, Daniel - TOKÁR, Kamil. Thiophene-centered azomethines: Structure, photophysical and electronic properties. In <i>Journal of Molecular Structure</i>. Vol. 1204, (2020), s. 1-7. ISSN 0022-2860 (2020: 3.196 - IF, Q3 - JCR Best Q, 0.471 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.1016/j.molstruc.2019.127492 ; SCOPUS: 2-s2.0-85076053930 ; WOS: 000508216300085 ; CC: 000508216300085. Kategória publikácie do 2021: ADC Ohlasy: 1. [1] PAJAK, Agnieszka Katarzyna - GNIDA, Pawel - KOTOWICZ, Sonia - MALECKI, Jan Grzegorz - LIBERA, Marcin - BEDNARCZYK, Katarzyna - SCHAB-BALCERZAK, Ewa. New Thiophene Imines Acting as Hole Transporting Materials in Photovoltaic Devices. In <i>ENERGY & FUELS</i>, 2020, vol. 34, no. 8, pp. 10160-10169. ISSN 0887-0624., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 2. [1] ANDERSON, Craig M. - COFFEY, Belle - MORALES, Leslie - GREENBERG, Matthew W. - NORMAN, Matthew - WEINSTEIN, Michael - BROWN, Garrett - TANSKI, Joseph M. Platinum Complexes from C-H Activation of Sterically Hindered [C boolean AND N] Donor Benzothioephene Imine Ligands: Synthesis and Photophysical Properties. In <i>ACS OMEGA</i>, 2020, vol. 5, no. 41, pp. 26855-26863. ISSN 2470-1343., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 3. [1] VU QUOC, Trung - DO BA, Dai - TRAN THI THUY, Duong - NGUYEN NGOC, Linh - NGUYEN THUY, Chinh - VU THI, Huong - KHANH, Linh Duong - DOAN THI YEN, Oanh - THAI, Hoang - LONG, Van Cao - TALU, Stefan - NGUYEN TRONG, Dung. DFT study on some polythiophenes containing benzo[d]thiazole and benzo[d]oxazole: structure and band gap. In <i>DESIGNED MONOMERS AND POLYMERS</i>, 2021, vol. 24, no. 1, pp. 274-284. ISSN 1385-772X., Registrované v: WOS, CC Ohlas: zahraničný 4. [1] KOTOWICZ, Sonia - PAJAK, Agnieszka Katarzyna - KORZEC, Mateusz - SCHAB-BALCERZAK, Ewa. Selected physicochemical properties of the thiophene imines with a freeNH2 group. In <i>PRZEGLAD ELEKTROTECHNICZNY</i>, 2022, vol. 98, no. 2, pp. 76-78. ISSN 0033-2097., Registrované v: WOS, SCOPUS Ohlas: zahraničný 5. [1] AL-WAHAIBI, Lamyia H. - MARY, Y. Sheena - MARY, Y. Shyma - AL-MUTAIRI, Aamal A. - HASSAN, Hanan M. - EL-EMAM, Ali A. - YADAV, Rohitash. Investigation of the electronic properties of solvents (water, benzene, methanol) using IEFPCM model, spectroscopic investigation with docking and MD simulations of a thiazole derivative with anti-tumor activities. In <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2022, vol. 348, no., pp. ISSN 0167-7322., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 6. [1] SOROCEANU, Marius - CONSTANTIN, Catalin Paul - DAMACEANU, Mariana Dana. A straightforward synthetic strategy towards conjugated donor-acceptor naphthylimido-azomethines with tunable films morphologies and opto-electronic properties. In <i>Progress in Organic Coatings</i>, 2022-05-01, 166, pp. ISSN 03009440., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný</p>
V3_11	<p>TOKÁROVÁ, Zita - ANDICSOVÁ-ECKSTEIN, Anita - BALOGH, Róbert - TOKÁR, Kamil. Survey of the Ketcham reaction for series of furan-substituted thiazolo[5,4-d] thiazoles. In <i>Tetrahedron</i>. Vol. 89, (2021), s.1-9. ISSN 0040-4020 (2021: 2.388 - IF, Q2 - JCR Best Q, 0.507 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.1016/j.tet.2021.132155 ; WOS: 000659206000011 ; CC: 000659206000011 ; SCOPUS: 2-s2.0-85108131419. Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC</p>
V3_12	<p>WEGNER, W. - TOKÁR, Kamil - LORENZANA, Jose - DERZSI, Mariana - GROCHALA, Wojciech. Gigantic work function in layered AgF2. In <i>Physical Chemistry Chemical Physics</i>. Vol. 22, iss. 38 (2020), s. 21809-21815. ISSN 1463-9076 (2020: 3.676 - IF, Q1 - JCR Best Q, 1.053 - SJR, Q1 - SJR Best Q). V databáze: WOS: 000576194400018 ; CC: 000576194400018 ; DOI:</p>

10.1039/d0cp03706k ; SCOPUS: 2-s2.0-85092681891.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] SANCHEZ-MOVELLAN, Ines - MORENO-CEBALLOS, Jorge - GARCIA-FERNANDEZ, Pablo - ARAMBURU, Jose Antonio - MORENO, Miguel. New Ideas for Understanding the Structure and Magnetism in AgF₂: Prediction of Ferroelasticity. In CHEMISTRY-A EUROPEAN JOURNAL, 2021, vol. 27, no. 54, pp. 13582-13590. ISSN 0947-6539., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

2. [1] DAVYDOV, S. Yu. On the Properties of Two-Dimensional Compounds AgX₂ (X = F, Cl, Br, I). In Physics of the Solid State, 2021-11-01, 63, 11, pp. 1633-1637. ISSN 10637834., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

3. [1] PROSNIKOV, M. A. Magnons in AgF₂, AgCuF₄, and AgNiF₄. In Journal of Magnetism and Magnetic Materials, 2022-09-01, 557, pp. ISSN 03048853., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

O2 Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka

O2_01 TOKÁR, Kamil - DERZSI, Mariana - PIEKARZ, Przemyslaw - GROCHALA, Wojciech. Description of charge ordering mechanism in silver difluoride using DFT calculations. In *PSI-K 2022 Conference : 6th general conference for the worldwide PSI-K community, 22-25 August 2022, Lausanne, Switzerland*. 1. vyd, 2022, S. 276.
Typ výstupu: abstrakt z podujatia; Výstup: zahraničný; Kategória publikácie do 2021: BFA

I2 Iný výstup publikačnej činnosti ako časť publikácie alebo zborníka

I2_01 BUJDÁK, Radovan - GAŠPÁRKOVÁ, Michaela - TOKÁR, Kamil - DERZSI, Mariana. Exploring new phases in Ni-O binary system from ab initio. In *2022 Workshop on Recent Developments in Electronic Structure (ES22) : May 31 - June 3, 2022 at Columbia University in the City of New York*. 1. vyd. New York : Columbia University, 2022, S. 1.
Typ výstupu: poster z podujatia; Výstup: zahraničný; Kategória publikácie do 2021: AFK

I2_02 FABUŠOVÁ, Diana - TOKÁR, Kamil - DERZSI, Mariana. Ab Initio Study of Impact of Pressure and Temperature on Stability and Polymorphism of PdO₂. In *2022 Workshop on Recent Developments in Electronic Structure (ES22) : May 31 - June 3, 2022 at Columbia University in the City of New York*. 1. vyd. New York : Columbia University, 2022, S. 1.
Typ výstupu: poster z podujatia; Výstup: zahraničný; Kategória publikácie do 2021: AFK

I2_03 TOKÁR, Kamil - DERZSI, Mariana - PIEKARZ, Przemyslaw - GROCHALA, Wojciech. Charge ordering mechanism in silver difluoride from first principles. In *2022 Workshop on Recent Developments in Electronic Structure (ES22) : May 31 - June 3, 2022 at Columbia University in the City of New York*. 1. vyd. New York : Columbia University, 2022, S. 1.
Typ výstupu: poster z podujatia; Výstup: zahraničný; Kategória publikácie do 2021: AFK

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_01 ANZOLINI, C. - ANGEL, R. J. - MERLINI, M. - DERZSI, Mariana - TOKÁR, Kamil - MILANI, S. - KREBS, M. Y. - BRENKER, F. E. - NESTOLA, F. - HARRIS, J. W. Depth of formation of CaSiO₃-walstromite included in super-deep diamonds. In *LITHOS*. Vol. 265, no. (2016), pp. 138-147. V databáze: WOS: 000389283300012 ; DOI: 10.1016/j.lithos2016.09.025.

Ohlasy:

1. [1] GU, Tingting - WANG, Wuyi. Optical defects in milky type IaB diamonds. In *DIAMOND AND RELATED MATERIALS*, 2018, vol. 89, no., pp. 322-329. ISSN 0925-9635., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

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