

Poradie	Publikácia	Grant a podiel	Grant a podiel	Grant a podiel		Grant a podiel	Grant a podiel	Grant a podiel	NEMMA podiel
Karentové - OpenAccess									
1.	Starodub, T.N., Čížmár, E., Kliuikov, A., Starodub, V.A., Feher, A., Kozłowska, M., Stabilization of Pancake Bonding in (TCNQ) ₂ - Dimers in the Radical-Anionic Salt (N-CH ₃ -2-NH ₂ -5Cl-Py)(TCNQ)(CH ₃ CN) Solvate and Antiferromagnetism Induction (2019) ChemistryOpen, 8, 984. DOI: 10.1002/open.201900179	VEGA grant 1/0426/19 0,1	APVV-18-0197 0,1						0.8
2.	Zeleňák, V., Almáši, M., Zeleňáková, A., Hrubovčák, P., Tarasenko, R., Bourelly, S., Llewellyn, P., Large and tunable magnetocaloric effect in gadolinium-organic framework: tuning by solvent exchange (2019) Sci. Rep., 9, 15572. DOI: 10.1038/s41598-019-51590-2	VEGA grant 1/0745/17 0,1	APVV-15-0520 0,1						0.8
3.	Zeleňáková, A., Hrubovčák, P., Kapusta, O., Kučerka, N., Kuklin, A., Ivankov, O., Zeleňák, V., Size and distribution of the iron oxide nanoparticles in SBA-15 nanoporous silica via SANS study (2019) Sci. Rep., 9, 15852. DOI: 10.1038/s41598-019-52417-w	APVV-15-0520 0,1	APVV-15-0115 0,1	VEGA grant 1/0745/17 0,05	VEGA grant 1/0377/16 0,05				0.7
4.	Zeleňák, V., Zeleňáková, A., Kapusta, O., Hrubovčák, P., Girman, V., Bednarčík, J., Hrubovčák, P., Fe ₂ O ₃ and Gd ₂ O ₃ nanoparticles loaded in mesoporous silica: insights into influence of NPs concentration and silica dimensionality (2019) RSC Adv., 9, 3679. DOI: 10.1039/c8ra05576a	APVV-15-0520 0,1	APVV-15-0115 0,1	VEGA grant 1/0745/17 0,05	VEGA grant 1/0377/16 0,05				0.7
5.	Orendáčová, A., Tarasenko, R., Tkáč, V., Čížmár, E., Orendáč, M., Feher, A., Interplay of spin and spatial anisotropy in low-dimensional quantum magnets with spin 1/2 (2019) Crystals, 9, 6. DOI: 10.3390/cryst9010006	VEGA grant 1/0269/17 0,1	APVV-14-0078 0,1	APVV-14-0073 0,05	ITMS26220120047 0,05				0.7

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6.	Petryshynets, I., Kovác, F., Fúzer, J., Falat, L., Puchý, V., Kollár, P., Evolution of Power Losses in Bending Rolled Fully, Finished NO Electrical Steel Treated under Unconventional Annealing Conditions (2019) Materials, 12, 2200. DOI: 10.3390/ma12132200	APVV-15-0259 0,1	VEGA grant 2/0066/18 0,05	VEGA grant 2/0073/19 0,05	ITMS26220220064 0,05				0.75
7.	Konrádyová, J., Longauerová, M., Jonšta, P., Jonšta, Z., Longauer, S., Girman, V., Vojtko M., Boruta, A., Matvija, M., Fujda, M., Dobrovská, J., Hot Ductility of TiNb IF Steel Slab after Hot Torsion Testing, (2019) Metals, 9, 752. DOI: 10.3390/met9070752	VEGA grant 1/0549/14 0,1	VEGA grant 1/0387/11 0,05	Project No. SP2019/43 0,05					0.8
Karentové									
1.	Vorobiov, S., Tomasova, D., Girman, V., You, H., Čížmár, E., Orendáč, M., Komanický, V., Optimization of the magnetocaloric effect in arrays of Ni3Pt nanomagnets (2019) J. Magn. Magn. Mater., 474, 63. DOI: 10.1016/j.jmmm.2018.10.137	VEGA grant 1/0204/18 0,1	APVV-14-0073 0,1	APVV-14-0059 0,05	ITMS26220120047 0,05				0.7
2.	Konieczny, P., Gonzalez-Guillén, A.B., Luberd-Durnaś, K., Čížmár, E., Pelka, R., Oszejca, M., Łasocho, W., 1D coordination polymer (OPD)2CoISO4 showing SMM behaviour and multiple relaxation modes (2019) Dalton Trans., 48, 7560. DOI: 10.1039/c9dt00624a	DEC-2013/11/N/ST8/01267 0,1	APVV-14-0073 0,1	VEGA grant 1/0426/19 0,05	Grant CVU-5381911 0,05				0.7

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3.	Potočná, I., Bukrynov, O., Ráčzová, K., Čížmár, E., Vitushkina, S., Váhovská, L., Dušek, M., Štarha, P., Low-dimensional compounds containing cyanido groups. Part XXXV. Structure, spectral, thermal and magnetic properties of a binuclear Cu(II) biquinoline complex with bridging and terminal dicyanamide ligands (2018) Acta Cryst. C, 74, 1469. DOI: 10.1107/S205322961801375X	APVV-14-0078 0,05	APVV-14-0073 0,05	ITMS26220120047 0,05	Visegrad No.51700995 0,05	Grant No. 151110 0,05	Grant No. C7.2.16/3.1.00/24510 0,05	Grant No. LO1305 0,05	0.65
4.	Rojas, O., Strečka, J., de Souza, S.M., Thermal entanglement and sharp specific-heat peak in an exactly solved spin-1/2 Ising-Heisenberg ladder with alternating Ising and Heisenberg inter-leg couplings (2016) Solid State Commun., 246, 68. DOI: 10.1016/j.ssc.2016.08.002								1
5.	Tóthová, E., Tarasenko, R., Tkáč, V., Orendáč, M., Hegedüs, M., Danková, Z., Holub, M., Baláž, M., Matik, M., Microcrystalline Gd ₂ MoO ₆ prepared by combined mechanochemical/thermal process and its magnetic properties (2019) J. Mater. Sci., 54, 6111. DOI: 10.1007/s10853-019-03331-z	VEGA grant 2/0175/17 0,1	VEGA grant 2/0044/18 0,05	APVV-14-0073 0,05	APVV-14-0103 0,05				0.75
6.	Tarasenko, R., Danylchenko, P., Tkáč, V., Orendáčová, A., Čížmár, E., Orendáč, M., Feher, A., Experimental study of the magnetocaloric effect in [Ni(fum)(phen)] – The ferromagnetic dimer with spin 1 (2020) Physica B: Cond. Matter, 576, 411671. DOI: 10.1016/j.physb.2019.411671	APVV-14-0073 0,1	APVV-18-0197 0,1	VEGA grant 1/0269/17 0,05					0.75

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7.	Lederová, L., Orendáčová, A., Tarasenko, R., Karl'ová, K., Strečka, J., Gendiar, A., Orendáč, M., Feher, A., Interplay of magnetic field and interlayer coupling in the quasi-two-dimensional quantum magnet Cu(en)Cl ₂ : Realization of the spin-1/2 rectangular/zigzag square Heisenberg lattice (2019) Phys. Rev. B, 100, 134416. DOI: 10.1103/PhysRevB.100.134416	VEGA grant 1/0269/17 0,1	APVV-18-0197 0,05	APVV-14-0078 0,05		APVV-16-0186 0,05	APVV-14-0073 0,05		0.7
8.	Kondrat, O. B., Holomb, R. M., Csik, A., Takats, V., Veres, M., Feher, A., Duchon, T., Veltruska, K., Vondráček, M., Tsud, N., Matolin, V., Prince, K. C., Mitsa, V. M., Reversible structural changes of in situ prepared As ₄₀ Se ₆₀ nanolayers studied by XPS spectroscopy (2018) Appl. Nanosci. 9, 917. DOI: 10.1007/s13204-018-0771-3	Project No. DB-884 0,1	Project No. 0117U006384 0,1	GINOP-2.3.2-15- 2016- 00041 0,05		Grant No. LM2015057 0,05			0.7
9.	Holomb, R., Kondrat, O., Mitsa, V., Veres, M., Czitrovszky, A., Feher, A., Tsud, N., Vondráček, M., Veltruská, K., Matolín, V., Prince, K.C., Super-bandgap light stimulated reversible transformation and laser-driven mass transport at the surface of As ₂ S ₃ chalcogenide nanolayers studied in situ (2018) J. Chem. Phys. 149, 214702. DOI: 10.1063/1.5053228	Grant No. LM2015057 0,1	VEKOP-2.3.2-16-2016-00011 0,1	Project No. DB-884 0,05		Project No. 0117U006384 0,05			0.7
10.	Orendáč, M., Čížmár, E., Kažíková, V., Orendáčová, A., Řezníčková, A., Kolská, Z., Švorčík, V., Radicals mediated magnetism in Ar plasma treated high-density polyethylene (2018) J. Magn. Magn. Mater., 454, 185. DOI: 10.1016/j.jmmm.2018.01.087	APVV-14-0073 0,1	GACR 17- 009395 0,1	P108/12/G108 0,05		ITMS26220120047 0,05			0.7

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1.	Eremenko, V.V., Sirenko, V.A., Gospodarev, I.A., Syrkin, E.S., Feodosyev, S.B., Bondar, I.S., Minakova, K.A., Feher, A., Electron spectra of graphene with local and extended defects (2018) J. Phys.: Conf. Ser. 969, 012021. DOI: 10.1088/1742-6596/969/1/012021	Grant No. 4/17-H 0,1							0.9
2.	Čižmár, E., Šoltéssová, D., Doležal, P., Kriegner, D, Dušek, M., Ziolkovskiy, D., Feher A., Pinned solitons in genuine organic anion-radical salt (Et-2,6-diMe-Pz)(TCNQ)2, Programme and abstract book, Multiscale phenomena in molecular matter, Kraków, 1 – 4 July 2019 (2019) 76.	VEGA grant 1/0426/19 0,1	VVGS-2019-1022 0,05						0.85
3.	Čižmár, E., Šoltéssová, D., Doležal, P., Kriegner, D, Dušek, M., Ziolkovskiy, D., Feher A., Pinned solitons in genuine organic anion-radical salt (Et-2,6-diMe-Pz)(TCNQ)2, Programme and abstract book, 8th Workshop on "Current trends in Molecular and Nanoscale Magnetism", Rhodes, Greece, 27-31 May 2019 (2019) 17	APVV-14-0073 0,1	VEGA grant 1/0426/19 0,1						0.8
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