Фамилия, имя, отчество	Подгорная Светлана Владимировна
Должность, ученая степень, ученое звание	Доцент, кандидат технических наук
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Область научных интересов	конструкционные материалы; магнитные явления;
	реологические свойства дисперсных систем; магнитные
	наноматериалы и радиокерамика; материалы, элементы,
	приборы и конструкции магнитоэлектроники; проволочные
	композиты; беспроводные сенсоры
Трудовая деятельность	1998 – НИТУ МИСИС, ассистент кафедры технологии
	материалов электроники
	2005 – НИТУ МИСИС, доцент кафедры технологии
0.5	материалов электроники
Образование	Высшее, Московский государственный институт стали и
0	сплавов (технологический университет), 1996 год
Основные результаты деятельности	Благодарность Минобрнауки РФ «За значительный вклад в развитие сферы образования», проекты в рамках РНФ,
	развитие сферы образования», проекты в рамках г тФ, связанные с направлением работы
Значимые	Государственный контракт «Разработка
исследовательские/преподавательские	ресурсосберегающих технологий производства
проекты, гранты	высокоэнергетических магнитов путем управления
	реологическими свойствами нанодисперсных ферритовых
	порошков», 2006г.
	Грант РФФИ «Разработка физических и технологических
	основ создания перспективных композиционных
	радиопоглощающих и экранирующих материалов и
	покрытий на основе упорядоченных магнетиков», 2015г.
	Грант РФФИ «Миниатюрные магнитоимпедансные сенсоры
	для регистрации слабых магнитных полей с высоким
	пространственным разрешением», 2015г.
	Грант РФФИ «In-situ характеризация многофункциональных композитов, содержащих
	ферромагнитные микроволокна, с использованием
	микроволновых методов», 2018г.
	Грант РНФ «Разработка и исследование новых
	композиционных материалов
	"полимер/наноуглерод/феррит" для развития 5G-
	технологий», 2019г.
Значимые публикации	Основные статьи в реферируемых журналах
эна имые пуоликации	1. Controlling the Curie temperature in amorphous glass
	coated microwires by heat treatment Q1 IF 4.12 Journal of
	Alloys and Compounds Volume 802, 25 September 2019, Pages
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	F.S, Morchenko, A.T, Bazlov, A.I, Ukhasov, A, Yudanov, N.A.
	2. Structure and thermal properties of BaFe11.1In0.9O19
	hexaferrite Статья Q2 IF=1.874
	Physica B: Condenced Matter, 580 (2020) 411772,
	https://doi.org/10.1016/j.physb.2019.411772

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Zherebtsov, A.V. Ryabov, Tat'yana Zubar, L.V. Panina, M.V. Zdorovets, A.V. Trukhanov 4. AlGaN optimization for photodetectors Cтатья Q2 IF 1.49 Optical and Quantum Electronics Volume 51, Issue 3, 1 March 2019, Article number 68 Rabinovich, O., Savchuk, A., Didenko, S., Orbova, M., Marenkin, S., Ril A. 5. Temperature Effects on the Magnetoimpedance in Glass-Coated Amorphous Wires Cтатья Q2 IF 1.71 IEEE Transactions on Magnetics Volume 53, Issue 11, November 2017, Article number 7922600 Dzhumazoda, A. Panina, L.V., Adam, A.M., Yudanov, N.A., Awale, R., Morchenko, A.T., 6. Spectral ellipsometry as a method for characterization of nanosized films with ferromagnetic layers Q3 IF 0.95, Physics of the Solid State Volume 59, Issue 11, 1 November 2017, Pages 2211-2215 Hashim, H., Singkh, S.P., Panina, L.V., Pudonin, F.A., Sherstnev, I.A., Shpetnyi, I.A., Beklemisheva, A.V. 7. Optical and magnetic properties of Al/NiFe and Al/Ge/NiFe nanosized films Q4 IF 0.34 EPJ Web of Conferences Volume 185, 4 July 2018, Article number 04014 Hashim, H., Singkh, S.P., Panina, L.V., Pudonin, F.A., Sherstnev, I.A., Shpetnyi, I. 8. METHOD OF MANUFACTURINO IR-RANGE FILTERS Patent of the Russian Federation 2664912 Application No. 2017139939 dated 11/16/2017 A. Trukhanov, V. Trukhanova, E. Kostishin, V. Panin, M. Salem, M., Njematov M. G., Podgornaya S.V. 9. Larissa V. Panina, Dmitriy P. Makhnovskiy, Abdukarim Dzhumazoda, and Svetlana V. Podgornaya. TUNABLE ELECTRIC POLARIZATION OF MAGNETIC MICROWIRES FOR SENSING APPLICATIONS// Springer Series in Materials Science., V.252, Springer International Publishing AG 2017, pages: 131-150. DOI: 10.1007/978-3-319-49707-5_6. MITJEKE XIPIMA IN SCIENCE AND SENSING APPLICATION OF PODIO 1975-56. MITJEKE XIPIMA IN SCIENCE AND SENSING APPLICATION OF PODIO 1975-56-5772 MYOS Research ID SPIN-ROJ: 4940-4489, AuthorID: 410545 0000-0001-9562-5772 MYOS Research ID Pykobogotibo/ Pykobogotibo/ Pykobogotibo Bimyckhimu pagotamu crygentob /		Podgornov, N.S. Zabeivorota, E.A. Trofimov, V.E. Zhivulin,
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