

LIST OF SCIENTIFIC WORKS AND INVENTIONS

Anas Houbi

8D07104 Chemical technology of inorganic substances

No p/ p	Title of works	Manuscript or printed	Name of the publishing house, journal (No., year). No. of copyright certificate	Number of printed sheets or pages	Surname of the co-authors of the work
Articles					
1	Microwave absorbing properties of ferrites and their composites: A review	printed	Journal of Magnetism and Magnetic Materials 529 (2021) https://doi.org/10.1016/j.jmmm.2021.167839 (Scopus database, IF: 2,99 Q2)	17	Zharmenov, Atassi, Bagasharova, Mirzalieva, Kubanych
2	Synthesis and Microwave Absorption Properties of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ /Cl Composite Coated with Polyaniline within Paraffin Wax Matrix	printed	Bulletin of the University of Karaganda – Chemistry No. 3 (107)/2022 https://doi.org/10.31489/2022Ch3/3-22-8 (Web of Science database).	13	Zharmenov, Atassi, Bagasharova, Mirzalieva, Karibayev.
3	Synthesis and microwave absorption properties of (Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ /Cl/CB) ternary composites	printed	Bulletin of the University of Karaganda – Chemistry No. 4 (108)/2022 https://doi.org/10.31489/2022Ch4/4-22-9 (Web of Science database)	10	Zharmenov, Atassi, Bagasharova, Mirzalieva, Karibayev.
4	MICROWAVE ABSORPTION AND ELECTROMAGNETIC INTERFERENCE SHIELDING PROPERTIES OF CARBON BLACK/MnNiZn FERRITE NANOCOMPOSITES-FILLED PARAFFIN WAX	printed	KAZNU JOURNAL Recent Contributions to Physics. №2 (81). 2022 https://doi.org/10.26577/RCPh.2022.v81.i2.011	11	Zharmenov, Atassi, Bagasharova, Mirzalieva, Karibayev.

	IN THE FREQUENCY RANGE (8.8–12 GHz)				
5	Microwave Absorption Behavior of Low Loading Ratio of Ni ₃ +0.25Ni ₂ +0.375Zn ₂ +0.25Fe ₂ O ₄ Nanoparticles Coated with Polyaniline Within Paraffin Wax Matrix	printed	Advances in Theoretical & Computational Physics. Volume 5, Issue 2, 2022 https://doi.org/10.33140/ATCP.05.02.03	13	Zharmenov, Atassi, Bagasharova, Mirzalieva, Karibayev.
6	Electromagnetic Interference Shielding Properties of (Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ /Cl/CB) Ternary Composites-Filled Paraffin Wax Matrix.	printed	Journal of Chemistry: Education Research and Practice. Volume 6, Issue 2, 2022	10	Zharmenov, Atassi, Bagasharova, Mirzalieva, Karibayev.
International and foreign scientific conferences					
1	EFFECT OF SUBSTITUTION PROCESS WITH A NUMBER OF METAL CATIONS ON THE MICROWAVE ABSORBING PROPERTIES OF THE SPINEL FERRITES	printed	International Scientific Conference of Students and Young Scientists (Al-Farabi Kazakh National University, Almaty, Kazakhstan, 6-8 April 2021).	1	Zharmenov, Atassi,
2	MICROWAVE ABSORPTION AND ELECTROMAGNETIC INTERFERENCE SHIELDING PROPERTIES OF NI-ZN SPINEL FERRITES-FILLED PARAFFIN WAX IN THE FREQUENCY RANGE OF 8.8–12 GHZ	printed	INTERNATIONAL BEREMZHANOV CONGRESS (Almaty, Kazakhstan, 19-20 November 2021).	2	Zharmenov, Atassi,
3	INVESTIGATION ON MICROWAVE ABSORPTION CHARACTERISTICS OF ACTIVATED CARBON/MnNiZn FERRITE NANOCOMPOSITES BY ADJUSTING THE MATCHING-	printed	International Scientific Conference of Students and Young Scientists (Al-Farabi Kazakh National University, Almaty, Kazakhstan, 6-8 April 2022).	1	Zharmenov, Atassi,

	ABSORBING LAYER STRUCTURES			
4	A study on microwave absorption materials based on carbon black and Ni _{0.5} Zi _{0.5} Fe ₂ O ₄	printed	YOUTH CHEMISTRY CONFERENCE (Nazarbayev University, Astana, Kazakhstan, November 20, 2021).	2 Zharmenov, Atassi,

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