

List of Publications.

Papers.

N	Title	Issue	V/P	Co-autors
1	ETG control of dielectric layers micro-defectivity (In Russian)	Electronics (Moscow), ser.8, is. 6(16), 1973, p.150-153.	3	Kravtsov A., Karpljuk A., Kizema I. and oth.
2	The comparison of an electrotopograms and breakdown voltage measurements data of oxide films (In Russian)	Electronics (Moscow), ser.8, is. 5(35), 1975, p.67-70.	5	Kravtsov A., Karpljuk A., Kizema I. and oth.
3	Electrotopographic method of thin films porosity research (In Russian)	In coll. "Making and properties of a thin films," is.2, Pub. Acad. Of Sc. Of UkSSR, Kiev, 1974, p.64-66.	3	Kravtsov A., Karpljuk A. and Frolova L.
4	Indication of a "pocket" insulation short-circuits at integral circuits with dielectric insulation of elements (In Russian)	In coll. "Semiconductor devices and microelectronic technique," is.24, Kiev: "Naukova Dumka," 1976, p.16-18.	3	Kravtsov A., Kaufmann A. and oth.
5	The electric field influence to the silver atoms coalescence at the crystal surface (In Russian)	In coll. "The dispersed metallic films," Pub. Acad. Of Sc. Of UkSSR, Kiev, 1976, p.31-38	7	Kravtsov A., Pipa V. and Fok M.
6	Electroluminescent pavements quality research by the method of electrotopographic control (In Russian)	Sc. Transact. Of Tartu University, Electroluminescence, 1976, is.379, p.122-131	10	Kravtsov A., Niznik S., Perebnyos N. and oth.
7	About nature of photographic layers electric sensitivity (In Russian)	J. Of Sc. And App. Photogr. And Cinematogr.(Moscow), N 3, 1977, p.186-195.	10	Kravtsov A., Pipa V. and Fok M.
8	About mechanism of materials surface inhomogeneity registration at photographic layers by electrotopographic method (In Russian)	Electronics (Moscow), ser.8, is.4 (58), 1977, p.80-88.	8	Kravtsov A., Pipa V. and Fok M.
9	For an action of electric field to the photographic layers (In Russian)	J. Of Sc. And App. Photogr. And Cinematogr., 1981, N1, p.68-70.	3	Kravtsov A. and Fok M.
10	The physical nature of a electrotopographic effect at photographic emulsions (In Russian)	Summary of doctoral thesis, Kiev, Inst. Of Physics Of Acad. Of Sc. Of UkSSR, 1981.	22	-
11	Electrotopographic effect at photoemulsions and application of them (In Russian)	Transact. of Physical Inst. Of Academy of Sc.Of USSR, Moscow, 1981, v.129, p.13-65.	53	Kravtsov A., Pipa V. and Fok M.
12	Electrotopographic control of insulation short-circuits at silicon structures with elements dielectric separation (In Russian)	Microelectronics (Moscow), 1983, v.12, is.4, p.334-341.	8	Klesov V. and Kravtsov A.

N	Title	Issue	V/P	Co-autors
13	Coalescence of silver atoms on the surface of a silver-halide crystal in the electric field (In English)	J. Inform. Recording Materials (Berlin), 1985, N 5, p.303-309.	7	Fok M. and Kravtsov A.
14	Electrophysical properties of a photographic emulsion layers (In Russian)	J. Of Sc. And App. Photogr. And Cinematogr. , Moscow, 1984, N1, p.46-51.	5	-
15	The stability of silver clusters at silver halide surface (In Russian)	J. Of Sc. And App. Photogr. And Cinematogr., Moscow, 1985, N6, p.68-70.	12	Fok M.
16	The stability of silver clusters at silver halide surface (In Russian)	Progress in Photogr. Sc., Moscow:"Nauka", 1986, v. XXIV, 1986, p.143-157.	15	Fok M.
17	Electrotopograph-8(In Russian)	Description of device, Kiev:"Reclama," 1988.	2	Pedchenko B. and Melnik P.
18	Microprocessor system of relaxation chronometry on polymer composite materials(In Russian)	In coll. "Methods and equipment for diagnosis of durability of the wares from composites," Riga:"Zinatne", 1991, p125-131.	3	Romanij S., Mozgovej A., Pedchenko B., Egorov N. and Almazov A.
19	Dielectrometric diagnosis of polymer composite materials (In Russian)	Industrial and Technical Experience (Moscow, Center of Sc. And Tech. Inf. "Poisk"), N 9-10, 1991, p.37-42.	6	Romanij S.
20	Dielectrometry of a polypropilenuretans quality(In Russian)	Industrial and Technical Experience (Moscow, Center of Sc. And Tech. Inf. "Poisk"), N 9-10, 1991, p.33-35.	2	Pleshakova T. and Romanij S.
21	Diagnostic abilities of Dielectrometry of prepregs(In Russian)	Mechanics of composite materials, Riga, N4, 1992, p.563-566.	4	Romanij S., Pleshakova T and Kovalenko L.
22	Electrical properties of 9,10-antrachinon and antracen(In Russian)	J. of Phys. Chem. (Moscow), v.68, N 2, 1994, p.331-334.	4	Sivachek T., Matinjuk V., Borovikov J. And oth.
23	Dielectric properties and electron spectra chinons(In Russian)	J. of Phys. Chem. (Moscow), v.68, N 5, 1994, p.907-911.	5	Sivachek T., Matinjuk V., Borovikov J. And oth.

Proclams of Congresses, Conferences and Symposiums.

3.

N	Title	Issue	V/P	Co-autors
1	Parameters that determine electrotopographic sensitivity of photographic emulsion (In Russian)	Pro. Nat. Con. "The top properties of the photographic registration mediums," Chernogolovka, 1979, p.43-44.	2	-
2	Electrotopographic sensitivity of termoplastic layer (In Russian)	Pro. III Nat. Con. "Un-silveral and unusual photographic processes," Vilnius, 1980, p.146-148.	3	Permjakov V. and Phedorova A.
3	Coalescence of silver atoms on the surface of a silver-halide crystal in the electric field (In Russian)	Pro. III Nat. Symposium "Properties of a small particles and dispersed metallic films," Lvov, 1980, p.55-56.	2	Kravtsov A. and Fok M.
4	The local exstra-sensibilization of photographic layer at electrical field (In Russian)	Pro. Nat. Con. "Processes of amplifying at photographic systems for registration of information," Minsk, 1981, p.109-111.	3	-
5	The latent image formation and electric field action at photographic emulsions (In Russian)	Pro. Nat. Con. "Photographic Processes on the base of silver halides," Chernogolovka, 1983, p.172-174.	3	Fok M.
6	Comparison of sensitivity to the light and the electric field for some photofilms at high concentration of silver halide (In Russian)	Pro. Nat. Con. "Photographic Processes on the base of silver halides," Chernogolovka, 1983, p.178-180.	3	Kravtsov A., Shpolsky M. and Uvarova N.
7	Dipolophoresis of initial centers at the emulsion microcrystal surface (In Russian)	Pro. Int. Symposium "Actual problems of physics and chemistry of photographic processes," Tbilisy, 1984, p.113.	1	Fok M. and Kravtsov A.
8	Electron equilibrium of silver clusters at silver halide surface (In Russian)	Pro. Int. Symposium "Actual problems of physics and chemistry of photographic processes," Tbilisy, 1984, p.114-116.	3	-
9	Application of deformable layers at electrotopography (In Russian)	Pro. IV Nat. Con. "Unsilver and unusual photographical processes," Suzdal, 1984, p.227-228.	2	Kravtsov A. and Permjakov V.
10	The research of coating defects by electrotopographic method (In Russian)	Pro. XI Nat. Con. "Physics of strength and ductility of metals and alloys," 1986, Samara, p.353.	1	Kiseleva T. and Thaplin S.
11	A dyes as centers of silver atoms dipolophoretic concentration (In Russian)	Pro. Nat. Con. "Problems of Modern Color Cine- and Photographic Materials," 1987, Chernogolovka, p.34-35.	2	Fok M.

N	Title	Issue	V/P	Co-autors
12	Aural emission diagnosis of ethogofagogastroduodenal zone disorders (In Ukrainian)	Pro. II Congr. Of gastroenterologists of Ukraine, Dnepropetrovsk, 1995, p.52.	1	Nikula T., Mojsenko V. and Krashuk E.
13	Spectrometry of lubricant dielectric susceptibility: Influence of Lubricant Electrophysical parameters to process of selective transfer at friction (In Russian)	Pro. II Intern. Congr. "Protection-95," Moscow, 1995, p.146	1	Kobiljansky S.

Patents.

N	Title	Issue	Co-autors
1	The method of defects control at material layers	Pat. USSR N 360599, Bull. Of Inventions (USSR), N 36, 1972.	Kravtsov A.
2	The method of defects control at electroluminescent pavements	Pat. USSR N 636959, Unpublished.	Kravtsov A., Niznik S.
3	The method of defects control at material layers	Pat. USSR N 763767, Bull. Of Inventions (USSR), N 34, 1980.	Kravtsov A., Permjakov V.
4	The device for electrotopographic control	Pat. USSR N 890213, Bull. Of Inventions (USSR), N 28, 1975.	Kravtsov A., Permjakov V.
5	The method of registration of electric inhomogeneity images at plate-form samples	Pat. USSR N 1020773, Bull. Of Inventions (USSR), N 20, 1983.	Kravtsov A., Chepak V.
6	The method of registration of electric field strength change	Pat. USSR N 1009209, Unpublished.	-
7	The method of defects control at material layers	Pat. USSR N 1188621, Bull. Of Inventions (USSR), N 40, 1985.	Kravtsov A., Permjakov V., Nikitsky V., Dgukov G., Leonov V.
8	The dynamical capacitor	Pat. USSR N 1581098, Unpublished.	Pedchenko B., Melnik P., Hytrevsky V.
9	The method of the frequency dependence determination for dielectric permeability	Pat. USSR N 1770879, Bull. Of Inventions (USSR), N 39, 1992.	-
10	The method of dielectric permeability determination	Application to Russia Patent 94012374/10/012026 at 04.07.94	-
11	The method of dielectric permeability determination	Application to Ukraine Patent B 4100152 at 01.12.94	-
12	The method of human organism state diagnosis	Application to Russia Patent 94012892 at 04.07.94	-
13	The method of human organism state diagnosis	Application to Ukraine Patent B 3 A 06661 at 10.27.93	-