

**LIST OF THE MAIN SCIENTIFIC PUBLICATIONS
OF PHD. QURBANOV E.D.**

1. Gorin Yu.V, Dmitriev E.V, Jubarli Ch.M, Qurbanov E.D, Mekhtizade R.N. "Method of materials treatment by electrical discharge and mechanism of its realization". Patent № 5009479/21, 1992..
2. Jubarli Ch.M, Gorin Yu.V, Qurbanov "Complex electrical discharge modification of materials surface". 4-th scientific-technical conference "Vacuum covering-87", Thesises of reports, part.2, Riqa, 1987, p.62.
3. Qurbanov E.D, Mekhtizade R.N "Influence of dielectric fibres on torch discharge's characteristics". Reports of Azerbaijan NAS, vol.50, № 10-12, 1994, p. 10-15.
4. Qurbanov E.D. "Activation of dielectrics surface by electrical discharges". Thesises of reports on young scientists republic conference, Baku, 1992.
5. Gorin Yu.V, Kulakhmetov F.H, Qurbanov E.D. "Surface modification of composite materials in torch discharge".. Surface engineering and applied electrochemistry, № 3, 1991, p. 48-52.
6. Gorin Yu.V, Kulakhmetov F.H, Qurbanov E.D." Influence of dielectric fibres on barrier discharge's characteristics". Surface engineering and applied electrochemistry, № 6, 1993, p. 24-26.
7. Gorin Yu.V, Kulakhmetov F.H, Qurbanov E.D." Coal-plastics surface modification by electrical discharges". Reports of Azerbaijan NAS, vol.47, № 7, 1991, p. 34-37.
8. Gorin Yu.V, Jubarli Ch.M, Dmitriev E.V, Qurbanov E.D. " "Resource of insulating glass-fibre-reinforced plastics production". Patent № 1807992,1992.
9. Qurbanov K.B, Qurbanov E.D, Rzaev F.T."Charge thermal relaxation in polyvinyl film with spheric inclusions from silicagel". Collection of publications by electrophysics and power industry, issue 4, Baku, 1994, p.30-38
10. Qurbanov E.D, Kulakhmetov F.H, Mekhtizade R.N. "Barrier discharge reactors for dielectrical fibrous materials activation". Collection of publications by electrophysics and power industry, issue 4, Baku, 1994, p.48-53.
11. Gorin Yu.V, Qurbanov E.D."Influence of electrical discharges on clad composite materials water absorption change". Collection of publications by electrophysics and power industry, issue 4, Baku, 1994, p.58-60.
12. Gasanov I.A, Gerasimov A.K, Gorin Yu.V, Jubarli Ch.M, Dmitriev E.V, Qurbanov E.D. "Mechanism for torch discharge realization". Certificate of authorship № 1751826.
13. Mekhtizade R.N, Qurbanov E.D. "Mechanism of materials activation by electrical discharges". Collection of publications by electrophysics and power industry, issue 5, Baku, 1997, p.61-63.
14. Mekhtizade R.N, Qurbanov E.D." Activation of the complex structures by electrical discharges". Collection of publications by electrophysics and power industry, issue 5, Baku, 1997, p.57-60.
15. Mekhtizade R.N, Qurbanov E.D."Influence of dielectric fibres on the torch discharge characteristics". Collection of publications by electrophysics and power industry, issue 5, Baku, 1997, p.68-73.
16. Mekhtizade R.N, Qurbanov E.D." Analysis of the surface structures activation degree". Power engineering problems, Baku, №4, 2004, p.18-21.
17. Mekhtizade R.N, Qurbanov E.D." Fibre's surface activation particularities on the torch electrical discharge". Polzunov almanac, Altay Technical University, Barnaul, № 4, 2004, p.247.
18. Gashimov A.M, Mekhtizade R.N, Qurbanov E.D, Bondyakov A.S."Nanosecond pulsed discharges and theirs influence on solid dielectrics". "Physics-2005" International Conference materials, 2005, p. 450-452..
19. Vershinin Yu.N, Gashimov A.M, Qurbanov E.D. "Role of run off effect of electrons by

impulse breakdown of dielectrics". Surface engineering and applied electrochemistry, № 6, 2005.