

AUTHOR INDEX TO VOLUME 16

High Temperature Material Processes

Page Ranges of Issues

Issue 1: 1-69; **Issue 2:** 71-151;
Issue 3: 153-233; **Issue 4:** 235-313

Al-Abbadi, N., 1	Khlyustova, A.V., 71	Polkanov, M.A., 223
Alaee, M.A., 25	Khvedchyn, I., 1	Rahbari, R.G., 15
Al-Enazi, K., 1	Kobelev, A.P., 223	Razina, G.N., 189,257
Al-Juhani, M., 1	Kostyukevich, E.A., 297	Sari, A.H., 297
Al-Mayman, S., 1	Kuzmitski, A.M., 297	Sauchyn, V., 1
Arkipov, E.S., 257	Laktiushin, A.N., 153	Savchenko, G.E., 179
Astashynski, V.M., 297	Laktiushina, T.V., 153	Savchin, V.V., 179
Behrouzifar, A., 25	Liavonchyk, A., 139	Sawicki, A., 275
Borowik, L., 275	Lifanov, F.A., 223	Sparham, M., 15
Cherenda, N.N., 297	Lozhechnik, A.V., 81	Subbotkina, I.N., 71
Dalholenka, Hr., 139	Mahmoodian, R., 15	Teng, G.S., 45
Dmitriev, S.A., 223	Messerle, V.E., 97, 109,213	Tsekov, O.O., 189,257
Gorbunov, V.A., 223	Mohammadi, T., 25	Uglov, V.V., 297
Hamdi, M., 15	Mosse, A.L., 81,125,179,235	Ushin, N.S., 189
Huang, Y-S., 57	Movahednia, M.M., 25	Ustimenko, A.B., 97, 109,213
Kadyrov, I.I., 223	Nikanchuk, A., 139	Yeh, C.-L., 45,57
Kalitko, V.A., 235	Petukhou, Yu.A., 297	

SUBJECT INDEX TO VOLUME 16

High Temperature Material Processes

Page Ranges of Issues

Issue 1: 1-69; **Issue 2:** 71-151;
Issue 3: 153-233; **Issue 4:** 235-313

- AC diaphragm discharge plasma, 71
- arc macromodel, 275
- arc plasma, 109
- austenitic steel, 297
- boron nitride, 45
- BSCF membrane, 25
- carbon dioxide plasma, 257
- Cassie model, 275
- centrifugal, 15
- ceramic-lined pipes, 15
- characteristics of plasma facilities, 153
- coal, 109, 213
- combined plasmatron-reactor, 153
- combustion synthesis, 15, 45, 57
- comparison of calculated and experimental results, 81
- compression plasma flow, 297
- dense ceramic perovskite membrane, 25
- design calculations, 153
- economy, 189
- electric arc, 275
- electron-beam activation, 213
- engineering systems, 153
- environment, 189
- environmental protection, 189
- fly ash, 1
- gasification, 109, 213
- hybrid model, 275
- input parameters, 153
- Mayr model, 275
- mechanism of destruction, 71
- membrane characterization, 25
- methylene blue, 71
- mixing chambers, 125
- mobile unit, 179
- niobium silicides/Al₂O₃ composites, 57
- oxygen separation, 25
- petrocoke, 109
- plasma chemical conversion, 257
- plasma chemical gasifier, 109
- plasma chemistry, 189
- plasma flow structure, 125
- plasma heating, 223
- plasma process for acetylene production, 153
- plasma reactor, 81, 125, 139, 213
- plasma set, 1
- plasma shaft furnace, 235
- plasma, 213
- post-effect, 71
- processing plant, 125
- radioactive waste, 223
- self-propagating hightemperature synthesis, 15
- shaft furnace, 223
- SHS, 15
- solid toxic and radioactive waste, 235
- spent lubricants, 189, 257
- subatmospheric gas pressure, 275
- surface alloying, 297
- synthesis gas, 109, 189, 213
- systemic multifactor research, 153
- TaB-TaN composites, 45
- technology testing, 179
- thermal design, 1
- thermal plasma processing, 235
- thermal plasma technology, 139
- thermal vitrification, 1
- thermite reaction, 57
- thermite, 15
- thermodynamic analysis, 257
- three-jet mixing chamber, 81
- toxic waste, 179
- transferred arc, 1
- treatment of medical waste analysis, 139
- treatment of medical waste, 139
- vapor conversion, 189
- waste processing, 1
- water steam plasma, 257
- X-ray diffraction, 45, 57
- zirconium nitride, 297