

( )

1), 2)

3)4)

"

:"

3

"

[B.

(New principles of Producing Chemical Substances and Materials)

]

가

. 1997

oscillation spectroscopy

(cokes)

Institute of Synthesis

Sterlitamak

135,000

(Kaustic Co.)

가 가

Medozon 가

O - 150mg/

(

)

New Russia

1)

5)

70

18

[ ]

(Materials for micro - and nano - electronics)

(Composites)

(Polymers)

(Ceramic materials and nano - ceramics)

(Materials and alloys with special properties)

(Super strong materials)

(Biologically compatible materials)

(catalysts)

(membranes)

(Design of chemicals and materials with pre - determined properties)

[ ]

(Technologies of accelerated evaluation and complex development of strategically important mining (diamonds, gold, platinum) and technogenic raw materials)

(深鑛) (Technologies for deep processing of mining and technogenic raw materials using non - conventional materials)

(Module technologies for manufacturing mass - scale metal products with new level properties)

[ ]

深 (Technologies for investigating earth depths, forecasting, prospecting and exploring uranium resources)

(Non - conventional technologies for extracting and processing solid fuels and uranium)

[ ]

(General and technical chemistry)

(Physical chemistry and inorganic materials technologies)

(Geology, geo - chemistry, geo - physics and mining science)

2) 가 (State Research Centers; SRC's)

가 가 가 가 가  
 가 가 가 2 가 1995 가 가  
 56 가 가 61 1997 7 가 2 가 가  
 , 가 , ( , , ) , , 가 ,

가

[ 가 ]

State Research Institute of Non - Ferrous Metals

Bardin Center for Steel and Iron Industry

Bochvar All - Russian Scientific Research Institute of Inorganic Materials

All Russian Institute of Aviation Materials(VIAM)

State R&D Institute for Chemistry and Technology of Organoelement Compounds

Research and Design Institute of Rare Metals Industry

Obninsk Research and Production Enterprise "Technologia"

Institute of Structural Materials "Prometey"

Tselikov All - Russian Design and Research Institute of Metallurgical Machine Building and Engineering

[ 가 ]

Vavilov State Optical Institute

Kurchatov Nuclear Research Institute

Karpov Institute of Physical Chemistry

The Central Research Institute for Chemistry and Mechanics

Research and Production Enterprise of Tool - Making Technology

State Research Institute of Organic Chemistry and Technology

Russian Scientific Center "Applied Chemistry"

56 가 가 29% 9 가 16

3)

) " " ( ? , ) 6 8

1) STEPI (Tel:7 - 095 - 124 - 0624/e - mail:ST.EPI@g23.relcom.ru)

2) 2 (Tel:02 - 250 - 3237/ e - mail:fiant@stepimail.stepi.re.kr)

3) 8 6 ( 111 ), 1998 6 , pp.13 - 18.

4) 9 7 ( 112 ), 1998 7 , pp.5 - 9.

5) 7 가  
Physics and Material Science가

Tomsk

Institute of Strength

6) 7 3 ( 96 ), 1997 3 , pp.8 - 13 .