В БД Scopus зарегистрировано 476 научных работ сотрудников СФ ВолгГТУ. Количество цитирований – 1009. Индекс Хирша – 7.

1.	Selectivity of Ethylaluminium Dichloride–Proton Donor Complex Catalysts from the C_4 Fraction in Initiating the Oligomerization of Isobutylene **(Q3)**	G.E. Zaikov, M.I. Artsis, **D.S. Andreev, A.V. Ignatov**	2022	Russian Journal of Physical Chemistry B, 2022, 16(4), pp. 606–614
2.	Reconstructive agriculture as a mechanism for environmental crisis management and epidemic prevention: technologies and project activities **(Q4)**	**A.N. Liberovskaya,** A.A. Sozinova, E.V. Sofiina, I.P. Bandurina.	2022	Environmental Footprints and Eco-Design of Products and Processes. 2022, стр. 255-261.
3.	Management, marketing, project activities, and technologies of reconstructive agricultural enterprises; practical implications and challenges for the power industry **(Q4)**	**A.P. Knyazev**, A.B. Karbekova, A.V. Tolmachev, K.K. Tagaev.	2022	Environmental Footprints and Eco-Design of Products and Processes, 2022, стр. 135-141.
4.	A promising approach to state regulation of the digital agricultural economy in the interests of its transition to reconstructive agriculture and sustainable development **(Q4)**	**A.A. Krutilin, S.E. Karpushova,** A.A. Sozinova, E.V. Sofiina.	2022	Environmental Footprints and Eco-Design of Products and Processes, 2022, стр. 117-223
5.	A Framework for Reconstructive Digital Farming for Areas with Unfavourable Climatic Conditions for Agricultural Entrepreneurship **(Q4)**	L.V. Shabaltina, **N.V. Shchukina, O.A. Surkova,** A.I. Smetanina	2022	Environmental Footprints and Eco-Design of Products and Processes, 2022, стр. 215–222
6.	Modification of Polycaproamide Composites Based on 1H,1H,13H-rihydroperfluorotridecan-1-ol and Montmorillonite **(Q3)**	S.V. Kudashev, A.A. Kondrasenko, A.N. Maiulev, **V.A. Babkin**, V.S. Belousova, **D.S. Andreev**, V.F. Zheltobryukhov, N.V. Kuznetsova.	2022	Fibre Chemistry volume 53, pages 291–295 (2022)
7.	Methodological Approach to the Polycriteria Assessment of Agricultural Sustainability: Digitalization, International Experience, Problems, and Challenges for Higher Education in Russia **(Q3)**	**E.V. Patsyuk, A.A.Krutilin,** N.K.Savelyeva, K.A.Chernitsova	2022	Environmental Footprints and Eco-Design of Products and Processes, 2022, стр. 43–53
8.	Environmental and Energy Efficiency as a Criterion for Sustainable Agriculture **(Q3)**	**S.E. Karpushova,** I.V Denisov, A.L-M.M.Y. Oudah, Y.I.Dubova	2022	Environmental Footprints and Eco-Design of Products and Processes, 2022, стр. 55–64
9.	Benefits of Circular Agriculture for the Environment:	**S.E. Karpushova,** A.M. Bazieva,	2022	Environmental Footprints and Eco-Design of Products and Processes,

	International Experience of Using Digitalization and Higher Education Development **(Q3)**	N.M. Fomenko, E.S. Akopova,		2022, 139–148
10.	Expanded Reproduction as the Basis for Agricultural Sustainability: Marketing, Digital Economy, and Smart Technologies **(Q3)**	E.V. Dudukalov, **E.V. Patsyuk,** O.A. Pecherskaya, Y.S. Petrenko	2022	Environmental Footprints and Eco-Design of Products and Processes, 2022, стр. 255–263
11.	About the protonation mechanism of some styrenes **(Q3)**	**V.A. Babkin, D.S. Andreev, A.V. Ignatov, K.S. Moschenko,** V.V. Vovko, T.K. Akchurin, I.V. Stefanenko, V.V. Lupinogin, E.S. Titova, N.A. Shreibert, A.I. Rakhimov, V.T. Fomichev, M.I. Artsis, G.E. Zaikov.	2021	Oxidation Communications, 2021, 44(4), стр. 811–816
12.	Food security parameters of the agro-industrial complex in Russia	B. K. Salaev, A. K. Natyrov, I. F. Gorlov, G. V. Fedotova, N. I. Mosolova, **A. V. Sukhinin**	2021	IOP Conference Series: Earth and Environmental Science. Vol. 677 : IV International Scientific Conference: AGRITECH-IV-2020: Agribusiness, Environmental Engineering and Biotechnologies (Krasnoyarsk, Russian Federation, 18-20 November 2020) / Krasnoyarsk State Agrarian University, Volgograd State Technical University, Volga region research Institute of manufacture and processing of meat-and-milk production [et al.]. – [IOP Publishing], 2021. – 6 p. – DOI: 10.1088/1755-1315/677/3/032017. – URL: https://iopscience.iop.org/volume/1755-1315/677.
13.	Cyber Security in the Era of COVID-19: Threats to Digital Platforms Stability and Cyber Hygiene Rules	V. V. Burlakov, E. V. Skubriy, L. N. Orlova, G. V. Fedotova, **A. V. Sukhinin**	2021	Socio-economic Systems: Paradigms for the Future / eds.: E. G. Popkova, V. N. Ostrovskaya, A. V. Bogoviz. – Cham (Switzerland) : Springer Nature Switzerland AG, 2021. – P. 1565-1574. – URL: https://link.springer.com/chapter/10.1007/978-3-030-56433-9_162. – DOI : https://doi.org/10.1007/978-3-030-56433-9_162. - (Book ser. Studies in Systems, Decision and Control (SSDC) ; vol. 314).
14.	The effect of crystallographic orientation on the transformation of the structure in aluminum single crystals upon exposure to	N.K. Tsenev, A.G. Raab, G.I. Raab, M.I. Alymov,	2021	Materials Letters, 2021, 302, 130319

	shock waves **(Q1)**	S.Yu. Kondratyev, **V.A. Babkin,** L.A. Teplyakova.		
15.	Quantum chemical study of the mechanism of reaction of 2,2,3,3-tetrafluoropropanol with thionyl chloride **(Q3)**	O.V. Vostrikova, E.S. Titova, **V.A. Babkin, D.S. Andreev,** V.S. Belousova, Yu.A. Vashuta, M.I. Artsis, G.E. Zaikov.	2021	Oxidation Communications, 2021, 44(2), pp. 285–298
16.	Quantum chemical calculation of the monoaminocarbonic acids	**V.A. Babkin,** A.V. Tsykanov, O.P. Buzinova, G.E. Zaikov, A.I. Rakhimov.	2021	Monomers, Oligomers, Polymers, Composites, and Nanocomposites, 2021, стр. 373–384
17.	Smart transport and logistics complex as a factor of sustainable development of the region (on the example of the Volgograd region)	V. Klyushin, **S.E. Karpushova,** V. Sordia, D.Panov	2021	E3S Web of Conferences, 2021, 274, 10024
18.	Priorities of Sustainable Development of the Territory: Ecology, Human Development, Economic Security	**S.E. Karpushova,** O.V. Takhumova, Z.R. Israilova.	2021	Research for Development, 2021, стр. 23–33
19.	Intellectual Machines as Hi-Tech Ecological Innovations Created with the Help of Evolutionary Computation and Genetic Algorithms **(Q4)**	**E.V. Patsyuk, D.S. Zakharov, A.A. Krutilin, N.A. Inkova, S.Z. Khachatryan.**	2021	Lecture Notes in Networks and Systems, 2021, 198, стр. 1190–1197
20.	"Smart Technologies" in Project Management: Rationalization of Decision Making or a Source of New Risks for Information Security **(Q4)**	**E.V. Patsyuk, A.A. Krutilin, M.N. Kiseleva, L.M. Lisina, A.N. Liberovskaya.**	2021	Lecture Notes in Networks and Systems, 2021, 155, стр. 77–84
21.	Quantum-chemical calculation of the graphene oxide molecule in the framework of the Hoffman model by the MNDO method **(Q3)**	**V.A. Babkin,** S.V. Chepurnov, R.O. Boldyrev, **A.V. Ignatov, A.P. Knyazev, D.S. Zakharov.** D.A.Borisov, V.M.Yanborisov, V.S.Belousova, M.I.Artsis, G.E.Zaikov	2021	Oxidation Communicationsthis, 2021, 44(1), pp. 22–26
22.	Quantum-chemical research of the interaction mechanism of the complex catalyst chloride aluminium – hydrochloric acid and p-methylstyrene in toluene by the ab initio method **(Q3)**	**V. A. Babkin, D. S. Andreev, A. V. Ignatov,** V. S. Belousova, V. T. Fomichev, T. K. Akchurin, M. I. Artsis, G. E. Zaikov	2020	Oxidation Communications. - 2020. - Vol. 43, № 2. - pp. 171-176.
23.	The Role of Small and Medium Businesses in the Formation of Pleasure Economy **(Q4)**	**T.A. Zabaznova, E.V. Patsyuk, N.V. Shchukina, S.E. Karpushova,**	2020	Lecture Notes in Networks and Systems, 2020, 111, стр. 283–290

		O.A. Surkova.		
24.	The mechanism of social adaptation of AI for organization of intellectual consumption in the digital economy **(Q4)**	A.V. Varlamov, Y.A. Kitsay, N.V. Przhedetskaya, **T.A. Zabaznova.**	2020	Advances in Intelligent Systems and Computing, 2020, 1100 AISC, стр. 352–358
25.	The Algorithm of Creation of Territories of Rapid Socio-Economic Development in the Digital Economy **(Q4)**	**T.A. Zabaznova, E.V. Patsyuk, N.V. Shchukina, S.E. Karpushova, O.A. Surkova.**	2020	Lecture Notes in Networks and Systems, 2020, 91, стр. 68–76
26.	Quantumchemical Calculation of Nonlinear Graphene Molecules by the MNDO Method **(Q3)**	**V. A. Babkin, D. S. Andreev, A. V. Ignatov,** V. S. Belousova, N. G. Lebedev, R. G. Fedunov, E. S. Titova, A. I. Rakhimov, M. I. Artsis, G. E. Zaikov.	2020	Oxidation Communications. - 2020. - Vol. 43, № 1. - pp. 14-23.
27.	Quantum Chemical Calculation of Initiation Mechanism of Cationic Polymerisation of Propylene with Chloride–Aluminium Aquacomplex **(Q3)**	**V. A. Babkin, D. S. Andreev, A. V. Ignatov,** V. S. Belousova, V. T. Fomichev, M. I. Artsis, G. E. Zaikov.	2020	Oxidation Communications. - 2020. - Vol. 43, № 1. - pp. 24-30.
28.	The modern global financial system: social risks vs. technological risks **(Q4)**	E.G. Popkova, O.V. Fetisova, **T.A. Zabaznova,** T.V. Alferova.	2019	Lecture Notes in Networks and Systems.
29.	Quantum Chemical Study of Initiation Mechanism of Cationic Polymerisation of Isobutylene with Chloride– Aluminum Aqua Complex **(Q3)**	**V. A. Babkin, D. S. Andreev, A. V. Ignatov**, I. I. Bakholdin, **A. P. Knyazev,** V. S. Belousova, V. T. Fomichev, M. I. Artsis, G. E. Zaikov	2019	Oxidation Communications, Vol. 42, No 4, pp. 437-443 (2019)
30.	Quantum chemical investigation of the initiation mechanism of the cationic polymerisation of 4-methylpentene-1 with chloride–aluminum aquacomplex **(Q3)**	**V. A. Babkin,** A. V. Kozhuhova, Yu. A. Vashuta, **D. S. Andreev, A. V. Ignatov, A. V. Chulkova, A. P. Knyazev,** A. I. Rakhimov, K. Yu. Prochukhan, V. S. Belousova, V. T. Fomichev, M. I. Artsis, G. E. Zaikov	2019	Oxidation Communications, Vol. 42, No 3, pp. 275–281 (2019)
31.	On the mechanism of cationic polymerisation of p-isopropylstyrene in the presence of a complex catalyst boron fluoride–water **(Q3)**	**V. A. Babkin, D. S. Andreev, A. V. Ignatov, L. M. Lisina,** V. S. Belousova,	2019	Oxidation Communications 42, No 1, pp. 56–62 (2019).

		V. T. Fomichev, K. Yu. Prochukhan, M. I. Artsis, G. E. Zaikov		
32.	Quantum Chemical Investigation of the Acylation Reaction of Bicyclophosphites by Acyl Galogenides **(Q3)**	**V.A. Babkin,** G.A. Savin, V.Yu. Dmitriev, **A.V. Ignatov,** A.I. Rakhimov, V.T. Fomichev, V.S. Belousova, G.E. Zaikov.	2018	Oxidation Communications. - 2018. - V. 41, - № 4, pp. 477-482.
33.	Potential energy surface of interaction between ethriolbicyclophosphite and acetyl chloride (second stage) **(Q3)**	**V.A.Babkin,** V. Yu. Dmitriev, **D. S. Andreev,** V. S. Belousova, G. A. Savin, A. I. Rakhimov, G. E. Zaikov	2018	Oxidation Communications. - 2018. - V. 41, - № 2, pp. 231-239.
34.	Electronic structure and properties of 5-[4-(N,N-dimethylamino)phenylmethylen]-2-thioxodihydropyrimidine-4,6-(1H,5H)-dione **(Q3)**	E. S. Titova, A. I. Rakhimov, A. A. Ozerov, **V.A. Babkin** **D. S. Andreev,** **A. V. Ignatov,** V. Yu. Dmitriev, V. T. Fomichev, V. S. Belousova, G. E. Zaikov	2018	Oxidation Communications. - 2018. - V. 41, - № 2, pp. 239-247.
35.	Marketing tools of joint crises fighting in socioeconomic sphere of Russia and Europe **(Q4)**	**Patsyuk, E.V.,** **Karpushova, S.E,** **Surkova, O.A.**	2017	Contributions to Economics (9783319606958) , pp.605
36.	Model of global crisis management of entrepreneurial activities **(Q4)**	Natsubidze, A.S., Likholetov, E.A., Malofeev, A.V., **Zabaznova, T.A.,** **Patsyuk, E.V.**	2017	Contributions to Economics (9783319606958) , pp.515
37.	A lecture note on determination of acid force of components of synthesis of 1-[2-(o-acetylmethyl)-3-o-acetyl-2-ethyl]-methyldichlorinephosphite (Bo ok Chapter)	**Babkin, V.A.,** Dmitriev, V.U., Savin, G.A., Titova, E.S., Zaikov, G.E.	2016	Materials Science and Engineering: Physiochemical Concepts, Properties, and Treatments
38.	Lecture note on quantum-chemical mechanism and synthesis of selected compounds (Book Chapter)	**Babkin, V.A.,** Dmitriev, V.U., Savin, G.A., Titova, E.S., Zaikov, G.E.	2016	Materials Science and Engineering: Physiochemical Concepts, Properties, and Treatments
39.	Lecture notes on quantum chemical calculation (Book Chapter)	**Babkin, V.A.,** Zaikov, G.E., **Andreev, D.S.**, (...), Artemova, Y.S., Sivovolov, D.V.	2016	Materials Science and Engineering: Physiochemical Concepts, Properties, and Treatments
40.	Process advancement in chemistry and chemical engineering research (Book)	Zaikov, G.E., **Babkin, V.A.**	2016	
41.	Theoretical estimation of acid force of molecule P-dimethoxytrans-stilbene by	**Babkin, V.A.,** **Andreev, D.S.,** Prochukhan, Y.A.,	2016	Process Advancement in Chemistry and Chemical Engineering Research

	method AB Initio (Book Chapter)	Prochukhan, K.Y., Zaikov, G.E.		
42.	Quantum-chemical calculation of the models of dekacene and eicosacene by method MNDO within the framework of molecular graphene model (Book Chapter)	**Babkin, V.A.,** Trifonov, V.V., **Knyazev, A.P.,** (...), Stoyanov, O.V., Zaikov, G.E.	2016	Process Advancement in Chemistry and Chemical Engineering Research
43.	Quantum chemical calculation of molecule 3,4,5,6,7-6,7-pentadimethylindene by method AB INITIO (Book Chapter)	**Babkin, V.A., Andreev, D.S.,** Prochukhan, Y.A., Prochukhan, K.Y., Zaikov, G.E.	2016	Additives in Polymers: Analysis and Applications
44.	A lecture note on quantum chemical calculation studies the mechanism of protonation of 2-ethylbutene-1 by method DFT (Book Chapter)	**Babkin, V.A., Andreev, D.S.,** Zaikov, G.E., Rossieva, G.K.	2015	Chemical Technology: Key Developments in Applied Chemistry, Biochemistry and Materials Science
45.	Research notes on quantum chemical calculation (Book Chapter)	**Babkin, V.A.**, (...), Baholdin, I.I., Zaikov, G.E.	2015	Chemical and Biochemical Engineering: New Materials and Developed Components
46.	Technical notes in applied quantum chemistry (Book Chapter)	**Babkin, V.A., Andreev, D.S.,** Prochukhan, Y.A., Prochukhan, K.Y., Zaikov, G.E.	2015	Mechanical and Physico-Chemical Characteristics of Modified Materials: Performance Evaluation and Selection
47.	A detailed review on physicochemical properties, synthesis, and application of polyacetylene (Book Chapter)	Ponomarev, O.A., Rakhimov, A.I., Rakhimov, N.A., (...), **Babkin, V.A.,** Zaikov, G.E.	2015	Applied Research on Polymer Composites
48.	Technical notes in applied quantum chemistry (Book Chapter)	**Babkin, V.A., Andreev, D.S.,** Prochukhan, Y.A., Prochukhan, K.Y., Zaikov, G.E.	2015	Mechanical and Physico-Chemical Characteristics of Modified Materials: Performance Evaluation and Selection
49.	Polyacetylene	**Babkin, V.A.,** Zaikov, G.E., Hasanzadeh, M., Haghi, A.K.	2014	Key Elements in Polymers for Engineers and Chemists: From Data to Applications,pp.251
50.	Quantum-chemical calculation of molecule 1 methylencyclohexene-2 by method MNDO	**Babkin, V.A.,** Sivovolov, D.V.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.263
51.	Quantum-chemical calculation of molecule p-nitro-trans-stilbene by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 2,pp.547
52.	Quantum-chemical calculation of molecule 2,5-diphenylhexadiene-1,5 by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 2,pp.509
53.	Quantum-chemical calculation of molecule α-cyclopropyl-p-	**Babkin, V.A., Zaharov, D.S.,**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-

	isopropylstyrene by method MNDO	Zaikov, G.E.		Volume Set 1,pp.33
54.	Quantum-chemical calculation of molecule phenylcyclopropane by method ab initio	**Babkin, V.A., Andreev, D.S.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.231
55.	Quantum-chemical calculation of molecule 6,6-dimethylfulvene by method MNDO	**Babkin, V.A.,** Kalashnikova, Y.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.281
56.	Quantum-chemical calculation of molecule 1-methyl-7,7-dichlorbicyclo[4,1,0]heptane by method MNDO	**Babkin, V.A.,** Golovko, M.V.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.113
57.	Quantum-chemical calculation of molecule α-cyclopropyl-pisopropylstyrene by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 2,pp.553
58.	Geometrical and electronic structure of the models of dekacene and eicocene within the frameword of molecular graphene model **(Q3)**	**Babkin, V.A.**, Trifonov, V.V., Dmitriev, V.Yu., **Andreev, D.S.**, **Ignatov, A.V.,** Titova, E.S., Stoyanov, O.V., Zaikov, G.E.	2014	Oxidation Communications 37 (4) ,pp.899
59.	Quantum-chemical calculation of molecule 5-methylacenaphtelene by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.485
60.	Quantum-chemical calculation of molecule 1,1-dichlor-2(P-chlorphenyl)-2-methylcyclopropane by method MNDO	**Babkin, V.A.**, Kalashnikova, Y.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.89
61.	Quantum-chemical calculation of molecule 2,7-diphenyloctadiene-1,7 by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 2,pp.515
62.	Quantum-chemical calculation of molecule allylmethylcyclopentadiene by method MNDO	**Babkin, V.A.**, Artemova, Y.S.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.293
63.	Quantum-chemical calculation of molecule 1-methylbicyclo[4,1,0]heptane by methodab initio	**Babkin, V.A.**, **Andreev, D.S.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.205
64.	Quantum-chemical calculation of molecule 1-methyl-6,6-dichlorbicyclo[3,1,0]hexane by method MNDO	**Babkin, V.A.**, Serebryakova, A.S.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.107
65.	Quantum-chemical calculation of molecule methylencyclododecane by method MNDO	**Babkin, V.A.**, Artemova, Y.S., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.25
66.	Quantum-chemical calculation of molecule o-allyloxistyrene by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**, Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 2,pp.570
67.	Quantum-chemical calculation of molecule cinnamalfluorene by method MNDO	**Babkin, V.A.**, Shkuratova, M.Y.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.335

68.	Quantum-chemical calculation of molecule 1-methylene-4-vinylcyclohexane by method MNDO	**Babkin, V.A.**, Serebryakova, A.S., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.13
69.	Quantum-chemical calculation of molecule p-allyloxistyrene by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**, Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 2,pp.583
70.	Quantum-chemical calculation of molecule allylbenzol by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.479
71.	Quantum-chemical calculation of molecule 1-methyl-13,13-dichlorbicyclo[10,1,0] tridecane by method MNDO	**Babkin, V.A.**, Belozerov, S.A.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.151
72.	Quantum-chemical calculation of molecule dicyclopropyl by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.225
73.	Quantum-chemical calculation of molecule 1-vinylcyclohexene by method MNDO	**Babkin, V.A.**, Sivovolov, D.V.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.269
74.	Quantum-chemical calculation of molecule 1,1-dichlor-2-phenylcyclopropane by method MNDO	**Babkin, V.A.**, Kalashnikova, Y., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.77
75.	Quantum-chemical calculation of molecule 1-methyl-9,9-dichlorbicyclo[6,1,0]octane by method MNDO	**Babkin, V.A.**, Golovko, M.V.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.126
76.	Quantum-chemical calculation of molecule 1,1-dichlor-2-phenyl-2-methylcyclopropane by method MNDO	**Babkin, V.A.**, Kalashnikova, Y., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.83
77.	Quantum-chemical calculation of moleculeo-divinylbenzol by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 2,pp.503
78.	Quantum-chemical calculation of molecule 1-vinylpyrene by method ab initio	**Babkin, V.A.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.497
79.	Quantum-chemical calculation of molecule o-metoxystyrene by method MNDO	**Babkin, V.A.**, Zabaznov, D.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.387
80.	Quantum-chemical calculation of molecule o-oxistyrene by method MNDO	**Babkin, V.A.**, Shkuratova, M.Y.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.369
81.	Quantum-chemical calculation of molecule α-cyclopropyl-2,4-dimethylstyrene by method MNDO	**Babkin, V.A.**, Zaharov, D.S., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.39
82.	Quantum-chemical calculation of molecule bicyclo[6,1,0]nonane by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.193
83.	Quantum-chemical calculation of molecule ethylbenzofulvene by method MNDO	**Babkin, V.A.**, Golovko, M.V.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.317
84.	Quantum-chemical calculation of molecule p-ksimelen by method MNDO	**Babkin, V.A.**, Zabaznov, D.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.305

85.	Quantum-chemical calculation of molecule 1-chlor-1-bromo-2,2-dimethylcyclopropane by method MNDO	**Babkin, V.A.**, Artemova, Y.S., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.71
86.	Quantum-chemical calculation of molecule 7,7-dichlorbicyclo[4,1,0] heptane by method MNDO	**Babkin, V.A.**, Kalashnikova, Y.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.101
87.	Quantum-chemical calculation of molecule 1,1-dichlor-2,2,3-trimethylcyclopropane by method MNDO	**Babkin, V.A.**, Sivovolov, D.V., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.65
88.	Quantum-chemical calculation of molecule phenylcyclopropane by method MNDO	**Babkin, V.A.**, Zaharov, D.S., Zaikov, G.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.53
89.	Quantum-chemical calculation of molecule benzylindene by method MNDO	**Babkin, V.A.**, Golovko, M.V.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.323
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306.	Geometrical and electronic structure of molecule 2,5-dimethylhexadiene-1,5 by method MNDO	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 4 ,pp.129
307.	Geometrical and electronic structure of molecule 1-methylbicyclo[10,1,0]tridekane by method MNDO	**Babkin, V.A.**, **Andreev, D.S.**, Titova, E.S.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 4 ,pp.255
308.	Geometrical and electronic structure of molecule dekene-1 by method MNDO	**Babkin, V.A.**, Dmitriev, V.Y., Zaikov, G.E.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.63
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313.	Geometrical and electronic structure of molecule acetyl chloride by method MNDO	**Babkin, V.A.**, Dmitriev, V.Y.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.23
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358.	Geometrical and electronic structure of molecule trans-3-	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of

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405.	Geometrical and electronic structure of molecule 5-methylhexene-1 by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.89
406.	Research of geometrical and electronic structure molecule 1-phenylindene by method MNDO	**Babkin, V.A.**, Sadukov, K.N.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.377
407.	Geometrical and electronic structure of molecule 1,1-dimethylcyclopropane by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**, Titova, E.S.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 1 ,pp.271
408.	Research of geometrical and electronic structure molecule 1-methylbicyclo [6,1,0]nonane by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.223
409.	Research of geometrical and electronic structure molecule 2-methylbicyclo [4,1,0] heptane by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.241
410.	Geometrical and electronic structure of molecule ethylcyclopropane by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**, Titova, E.S.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.221
411.	Geometrical and electronic structure of molecule 4,4-dimethylpentene-1 by method MNDO	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 2 ,pp.103
412.	Geometrical and electronic structure of molecule 1,2 -(3,3'-diindenyl)butan by method MNDO	**Babkin, V.A.**, Kozlov, I.N.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.193
413.	Geometrical and electronic structure of molecule trans-2-methylpentadiene-1,3 by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 2 ,pp.149
414.	Quantum-chemical research of the mechanism of synthesis of 5-acetyloxymethyl-2-chlorineo-5-ethyl- 1,2,3-dioxaphosphorynane	**Babkin, V.A.**, Dmitriev, V.Y., Savin, G.A., Titova, E.S.,	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 2 ,pp.23

		Zaikov, G.E.		
415.	Research of geometrical and electronic structure molecules monomers cationic polymerization branched out in β-position relation to double bond by method MNDO	**Babkin, V.A.**, Galenkin, V.V., Titova, E.S.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.83
416.	Quantum-chemical calculation of olefins of cationic polymerization branching in γ-,δ- and ε- position on relations to double connection by method MNDO	**Babkin, V.A.**, **Andreev, D.S.**, Peresypkina, T.V., Zaikov, G.E.	2012	Chemical Reactions in Gas, Liquid and Solid Phases: Synthesis, Properties and Application ,pp.221
417.	Geometrical and electronic structure of molecule brombutylindene by method MNDO	**Babkin, V.A.**, Kozlov, I.N.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 1 ,pp.243
418.	Research of geometrical and electronic structure molecule 2-isopropyl-5-methylstyrene by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.297
419.	Geometrical and electronic structure of molecule hexene-1 by method MNDO	**Babkin, V.A.**, Dmitriev, V.Y., Zaikov, G.E.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 2 ,pp.81
420.	Geometrical and electronic structure of molecule α-methyl-p-methylstyrene by method MNDO	**Babkin, V.A.**, Bokov, A.V.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 4 ,pp.217
421.	Research of geometrical and electronic structure molecule 5-vinylindene by method MNDO	**Babkin, V.A.**, Sadukov, K.N.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.383
422.	Research of geometrical and electronic structure molecule 3-vinylcyclopentene by method MNDO	**Babkin, V.A.**, Abduraimov, A.B.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.129
423.	Research of geometrical and electronic structure molecule o-methylstyrene by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.321
424.	Geometrical and electronic structure of molecule 4-methylpentadiene-1,3 by method MNDO	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.153
425.	Geometrical and electronic structure of molecule trans, trans-hexadiene-2,4 by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 2 ,pp.137
426.	Geometrical and electronic structure of molecule 3-ethylepentene-1 by method MNDO	**Babkin, V.A.**, Galenkin, V.V.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 4 ,pp.87
427.	Geometrical and electronic structure of molecule butene-1 by method ab initio	**Babkin, V.A.**, Dmitriev, V.Y., Zaikov, G.E.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 1 ,pp.109

428.	Geometrical and electronic structure of molecule 1,4 -(1,1'-diindenyl)trans-butene-2 by method MNDO	**Babkin, V.A.**, Kozlov, I.N.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.189
429.	Research geometrical and electronic structure molecule 1-methylcyclohexene by method MNDO	**Babkin, V.A.**, Abduraimov, A.B.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.147
430.	Geometrical and electronic structure of molecule 4,5,6,7-tetramethylindene by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 1 ,pp.239
431.	Geometrical and electronic structure of molecule cis, cis-hexadiene-2,4 by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 2 ,pp.145
432.	Geometrical and electronic structure of molecule 1,2-dimethylcyclopropan by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**, Titova, E.S.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 1 ,pp.267
433.	Research of geometrical and electronic structure molecule 5-methylindene by method Ab Initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.401
434.	Geometrical and electronic structure of molecule trans-3-methylpentadiene-1,3 by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 3 ,pp.123
435.	Geometrical and electronic structure of molecule β-pinen by method ab initio	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 4 ,pp.241
436.	Geometrical and electronic structure of molecule trans, trans-hexadiene-2,4 by method MNDO	**Babkin, V.A.**, **Andreev, D.S.**	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 2 ,pp.155
437.	Research of geometrical and electronic structure molecule 2-methylindene by method MNDO	**Babkin, V.A.**, Kolmak, D.M.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.354
438.	Preface	**Babkin, V.A.**, Zaikov, G.E.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 1
439.	Research of geometrical and electronic structure molecule styrene by method MNDO	**Babkin, V.A.**, Kologrivko, E.A.	2012	Quantum-Chemical Calculations of Molecular Systems as the Basis of Nanotechnologies in Applied Quantum Chemistry 6 ,pp.261
440.	Selected aspects of theoretical physics and organic chemistry	Babkin, V.A, Zaikov, G.E, Titova, E.S., Peresypkina, T.V., Ponomarev, O.A.	2011	Selected Aspects of Theoretical Physics and Organic Chemistry ,pp.1
441.	Quantum-chemical research of the mechanism of synthesis of 5-acetyloxymethyl-2-chloro-5-ethyl-1,2,3-dioxaphosphorynane	**Babkin, V.A.**, Dmitriev, V.U., Savin, G.A., Titova, E.S., Zaikov, G.E.	2011	Chemical and Biochemical Reactions: Kinetics and Mechanism ,pp.93

442.	Estimation of acid force of components of synthesis of 5-acetyloxymethyl-2-chloro-5-ethyl-1,2,3-dioxaphosphorynane	**Babkin, V.A.**, Dmitriev, V.U., Savin, G.A., Titova, E.S., Zaikov, G.E.	2011	Chemical and Biochemical Reactions: Kinetics and Mechanism ,pp.103
443.	Quantum-chemical calculation of heterocyclic basic nitrogens - 'Alphabet' of genetic code by ab initio method **(Q3)**	**Babkin, V.A.**, Dmitriev, V.U., Titova, E.S., Zaikov, G.E.	2011	Oxidation Communications 34 (1) ,pp.6
444.	Quantum-chemical research of the mechanism of synthesis of 5-acetyloxymethyl-2-chloro-5-ethyl-1,2,3- dioxaphosphorynane	**Babkin, V.A.**, Dmitriev, V.U., Savin, G.A., Titova, E.S., Zaikov, G.E.	2011	Chemical and Biochemical Kinetics: New Perspectives ,pp.44
445.	Theoretical estimation of acidic force of linear olefins of cationic polymerization	**Babkin, V.A.**, Dmitriev, V.U., **Andreev, D.S.**, Fomichev, V.T., Titova, E.S., Zaikov, G.E.	2011	Theoretical Estimation of Acidic Force of Linear Olefins of Cationic Polymerization,pp.1
446.	Estimation of acid force of components of synthesis of 5-acetyloxymethyl-2-chloro-5-ethyl-1,2,3-dioxaphosphorynane	**Babkin, V.A.**, Dmitriev, V.U., Savin, G.A., Titova, E.S., Zaikov, G.E.	2011	Chemical and Biochemical Kinetics: New Perspectives ,pp.56
447.	Nobel laureates and nanotechnologies of applied quantum chemistry	**Babkin, V.A.**, Zaikov, G.E.	2010	Nobel Laureates and Nanotechnologies of Applied Quantum Chemistry ,pp.1
448.	Quantum-chemical calculation of molecules of α- and β-glucose by ab initio method **(Q3)**	**Babkin, V.A.**, Dmitriev, V.U., Titova, E.S., Rakhimov, A.I., Zaikov, G.E.	2010	Oxidation Communications 33 (1) ,pp.12
449.	Quantum-chemical calculation of olefins of cationic polymerization branching in γ-,δ-and ε-position on relations to double connection by method MNDO	**Babkin, V.A.**, **Andreev, D.S.**, Peresypkina, T.V., Zaikov, G.E.	2010	Chemical Reactions in Gas, Liquid and Solid Phases: Synthesis, Properties and Application ,pp.221
450.	Special features of the nucleophilic substitution of halogen in alkyl and benzyl halides with anions generated from 4-hydroxy-2-mercapto-6-methylpyrimidine **(Q3)**	Rakhimov, A.I., Titova, E.S., Fedunov, R.G., **Babkin, V.A.**	2008	Chemistry of Heterocyclic Compounds 44(6) ,pp.700
451.	Peculiarities of nucleophilic halogen substitution in alkyl and benzyl halogenides by anions generated from 4-hydroxy-2-mercapto-6-methylpyrimidine	Rakhimov, A.I., Titova, E.S., Fedunov, R.G., **Babkin, V.A.**	2008	Khimiya Geterotsiklicheskikh Soedinenii(6) ,pp.874
452.	Quantum-chemical calculation of 4-methyl-2,6-di-tert-butylphenol (ionol) **(Q3)**	**Babkin, V.A.**, Minsker, S.K., Sangalov, Yu.A., Fedunov, R.G., Zaikov, G.E., Rahimov, A.I.	2004	Oxidation Communications 27 (2) ,pp.249
453.	Express-method of estimation of the acid strength of H-acids **(Q3)**	**Babkin, V.A.**, Sangalov, Yu.A., Minsker, K.S., Ponomarev, O.A.,	2002	Oxidation Communications 25 (3) ,pp.360

		Fedunov, R.G., Zaikov, G.E.		
454.	Connection of the universal acidity index of H-acids with the charge on hydrogen atom (AB initio method)	**Babkin, V.A.**, Fedunov, R.G., Minsker, K.S., Ponoparev, O.A., Sangalov, Yu.A., Berlin, A.A., Zaikov, G.E.	2002	Oxidation Communications 25 (1) ,pp.21
455.	Classification of initiation reactions of cationic polymerisation of olefins **(Q3)**	**Babkin, V.A.**, Sangalov, Yu.A., Minsker, K.S., Zaikov, G.E., Fedunov, R.G., Berlin, Al.Al., Tiger, R.P., Kantor, E.A.	2002	Oxidation Communications 25 (2) ,pp.203
456.	About the correlative dependence of parameters of combustion of reactive fuels with an electronic charge on fluorine atom of fluarine-containing oxidizers. MNDO method **(Q3)**	**Babkin, V.A.**, Fedunov, R.G., Minsker, K.S., Zaikov, G.E., Safarov, M.G., Kantor, E.A.	2001	Oxidation Communications 24 (1) ,pp.1
457.	About correlation dependence of parameters of burning of reactive fuels with an electronic charge on oxygen atom of oxygen-containing oxidizers. MNDO method **(Q3)**	**Babkin, V.A.**, Fedunov, R.G., Ponomarev, O.A., Sangalov, Yu.A., Minsker, K.S., Zaikov, G.E.	2000	Oxidation Communications 23 (3) ,pp.367
458.	Theoretical estimation of acid strength of fluorine hydrogen-boron fluoride complexes **(Q3)**	**Babkin, V.A.**, Sangalov, Yu.A., Minsker, K.S., Ponomarev, O.A., Fedunov, R.G., Malyshev, A.G., Zaikov, G.E., Belousov, A.S.	2000	Oxidation Communications 23 (3) ,pp.363
459.	Effect of electronic charge on oxygen atom of oxygen-containing oxidizers on characteristics of reactive rocket fuels **(Q2)**	**Babkin, V.A.**	2000	International Journal of Polymeric Materials and Polymeric Biomaterials 47(2-3) ,pp.329
460.	Theoretical estimation of acid strength of fluorine hydrogen - Boron fluoride complexes **(Q2)**	**Babkin, V.A.**	2000	International Journal of Polymeric Materials and Polymeric Biomaterials 47(2-3) ,pp.513
461.	The connection of the specific impulse of reactive fuels with the charge on hydrogen atom **(Q3)**	**Babkin, V.A.**, Fedunov, R.G., Ponomarev, O.A., Sangalov, Yu.A., Minsker, K.S., Sangalov, E.Yu., Minsker, S.K., Zaikov, G.E.	1998	Oxidation Communications 21 (2) ,pp.168
462.	About the bond of parameters of combustion of reactive fuels with their acidic strength **(Q3)**	**Babkin, V.A.**, Fedunov, R.G., Ponomarev, O.A., Sangalov, Yu.A., Sangalov, E.Yu., Minsker, K.S.,	1998	Oxidation Communications 21 (2) ,pp.162

		Minsker, S.K., Zaikov, G.E.		
463.	Quantum-chemical calculation of parameters of acidic strength of reactive fuels by MNDO method **(Q3)**	**Babkin, V.A.**, Fedunov, R.G., Ponomarev, O.A., Sangalov, Yu.A., Sangalov, E.Yu., Minsker, K.S., Minsker, S.K., Zaikov, G.E.	1998	Oxidation Communications 21 (4) ,pp.454
464.	Quantum-chemical calculation of reactive fuels as H-acids **(Q3)**	**Babkin, V.A.**, Fedunov, R.G., Ponomarev, O.A., Sangalov, Yu.A., Sangalov, E.Yu., Minsker, K.S., Minsker, S.K., Zaikov, G.E.	1998	Oxidation Communications 21 (4) ,pp.461
465.	Theoretical estimation of acid strength of boron fluoride-alcohol complexes during cationic polymerization of olefins	Minsker, K.S., **Babkin, V.A.**, Zaikov, G.E.	1997	Polymer - Plastics Technology and Engineering 36 (2) ,pp.225
466.	Quantum-chemical calculation of hydrogen chloride - Grignard reagent complexes	**Babkin, V.A.**, Zaikov, G.E., Minsker, K.S., Sangalov, Yu.A., Fedunov, R.G.	1997	Chemical Physics Reports 16 (10),pp.1815
467.	Theoretical estimation of acid strength of boron-fluoride-alcohol complexes during cationic polymerization of olefins **(Q2)**	Minsker, K.S., **Babkin, V.A.**	1995	International Journal of Polymeric Materials and Polymeric Biomaterials 28(1-4) ,pp.77
468.	Acid strength of proton donors in complexes of nontransition metal halides as a measure of the activity of electrophilic polymerisation catalysts **(Q1)**	Minsker, K.S., **Babkin, V.A.**, Zaikov, G.E.	1994	Russian Chemical Reviews 63 (3),pp.279
469.	Quantum-chemical study of active centers of cationic polymerization of olefins in the presence of aluminum halide complexes with proton-donors **(Q3)**	Minsker, K.S., **Babkin, V.A.**	1992	Theoretical and Experimental Chemistry 28 (1) ,pp.11
470.	Mechanism of chain initiation and propagation stages in the cationic polymerization of olefins	Minsker, K.S., **Babkin, V.A.**, Zaikov, G.E.	1990	Polymer-Plastics Technology and Engineering 29 (1-2) ,pp.43
471.	Interrelationship of the acid and catalytic properties of complexes of aluminum chloride with proton donors	Sangalov, Yu.A., Yasman, Yu.B., Nel'kenbaum, Yu.Ya., **Babkin, V.A.**	1987	Bulletin of the Academy of Sciences of the USSR Division of Chemical Science 35(12) ,pp.2438
472.	Quantum-chemical study of the influence of the counterion on the interaction of a carbocation with an olefin **(Q3)**	Minsker, K.S., Sangalov, Yu.A., **Babkin, V.A.**, Ponomarev, O.A.	1985	Theoretical and Experimental Chemistry 20 (6) ,pp.627
473.	Quantum-chemical investigation of the fragmentation of alcohols in complexes with various acids **(Q3)**	Sangalov, Yu.A., **Babkin, V.A.**, Nel'kenbaum, Yu.Ya.,	1984	Theoretical and Experimental Chemistry 19 (5) ,pp.568

		Minsker, K.S.		
474.	Quantum-chemical calculation of active centers in aquo complexes of aluminum chlorides **(Q3)**	Sangalov, Yu.A., Minsker, K.S., **Babkin, V.A.**, Ponomarev, O.A.	1983	Theoretical and Experimental Chemistry 18 (5) ,pp.485
475.	Nature of acidic centers in aquo complexes of several aluminum derivatives **(Q3)**	Minsker, K.S., Sangalov, Yu.A., Ponomarev, O.A., **Babkin, V.A.**, Lomakin, G.S.	1980	Theoretical and Experimental Chemistry 16 (2) ,pp.147
476.	Electrophilic activity of complexes of aluminum having coordination number four with differing ligands in the anion **(Q3)**	Sangalov, Yu.A., Ponomarev, O.A., **Babkin, V.A.**, Lomakin, G.S., Prochukhan, Yu.A., Minsker, K.S.	1979	Theoretical and Experimental Chemistry 15 (5) ,pp.391