В БД Scopus зарегистрировано 456 научных работ
СФ ВолгГТУ. Количество цитирований – 1007.
Индекс Хирша – 7.

1.	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	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.
2.	The Role of Small and Medium Businesses in the Formation of Pleasure Economy	Zabaznova, T.A., Patsiuk, E.V., Shchukina, N.V., Karpushova, S.E., Surkova, O.A.	2020	Lecture Notes in Networks and Systems
3.	The mechanism of social adaptation of AI for organization of intellectual consumption in the digital economy	Varlamov, A.V., Kitsay, Y.A., Przhedetskaya, N.V., Zabaznova, T.A.	2020	Advances in Intelligent Systems and Computing
4.	The Algorithm of Creation of Territories of Rapid Socio-Economic Development in the Digital Economy	Zabaznova, T.A., Patsyuk, E.V., Shchukina, N.V., Karpushova, S.E., Surkova, O.A.	2020	Lecture Notes in Networks and Systems
5.	Quantumchemical Calculation of Nonlinear Graphene Molecules by the MNDO Method.	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.
6.	Quantum Chemical Calculation of Initiation Mechanism of Cationic Polymerisation of Propylene with Chloride–Aluminium Aquacomplex.	V. A. Babkin, D. S. Andreev, A. V. Ignatov, V. S. Belousova, V. T. Fomichev, M. I. Artsis,	2020	Oxidation Communications. - 2020. - Vol. 43, № 1. - pp. 24-30.

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7.	The Algorithm of Creation of Territories of Rapid SocioEconomic Development in the Digital Economy	Zabaznova, T.A., Patsyuk, E.V., Shchukina, N.V., Karpushova, S.E., Surkova, O.A.	2020	Lecture Notes in Networks and Systems.
8.	The modern global financial system: social risks vs. technological risks	Popkova, E.G., Fetisova, O.V., Zabaznova, T.A., Alferova, T.V.	2019	Lecture Notes in Networks and Systems.
9.	Quantum Chemical Study of Initiation Mechanism of Cationic Polymerisation of Isobutylene with Chloride–Aluminum Aqua Complex	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)
10.	Quantum chemical investigation of the initiation mechanism of the cationic polymerisation of 4-methylpentene-1 with chloride–aluminum aquacomplex.	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)
11.	On the mechanism of cationic polymerisation of p-isopropylstyrene in the presence of a complex catalyst boron fluoride–water.	V. A. Babkin, D. S. Andreev, A. V. Ignatov, L. M. Lisina, V. S. Belousova, V. T. Fomichev, K. Yu. Prochukhan, M. I. Artsis, G. E. Zaikov	2019	Oxidation Communications 42, No 1, pp. 56–62 (2019).
12.	Quantum Chemical Investigation of the Acylation Reaction of Bicyclophosphites	V.A. Babkin, G.A. Savin, V.Yu. Dmitriev,	2018	Oxidation Communications. - 2018. - V. 41, - № 4,

	by Acyl Galogenides.	A.V. Ignatov, A.I. Rakhimov, V.T. Fomichev, V.S. Belousova, G.E. Zaikov.		pp. 477-482.
13.	Potential energy surface of interaction between ethriolbicyclophosphite and acetyl chloride (second stage).	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.
14.	Electronic structure and properties of 5-[4-(N,N-dimethylamino)phenylmethylen]-2-thioxodihydropyrimidine-4,6-(1H,5H)-dione	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.
15.	Marketing tools of joint crises fighting in socioeconomic sphere of Russia and Europe	Patsyuk, E.V., Karpushova, S.E, Surkova, O.A.	2017	Contributions to Economics (9783319606958) , pp.605
16.	Model of global crisis management of entrepreneurial activities	Natsubidze, A.S., Likholetov, E.A., Malofeev, A.V., Zabaznova, T.A., Patsyuk, E.V.	2017	Contributions to Economics (9783319606958) , pp.515
17.	A lecture note on determination of acid force of components of synthesis of 1-[2-(o-acetylmethyl)-3-o-acetyl-2-ethyl]-methyldichlorinephosphite (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
18.	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
19.	Lecture notes on quantum	Babkin, V.A.,	2016	Materials Science and

	chemical calculation (Book Chapter)	Zaikov, G.E., Andreev, D.S., (...), Artemova, Y.S., Sivovolov, D.V.		Engineering: Physiochemical Concepts, Properties, and Treatments
20.	Process advancement in chemistry and chemical engineering research (Book)	Zaikov, G.E., Babkin, V.A.	2016	
21.	Theoretical estimation of acid force of molecule P-dimethoxytrans-stilbene by method AB Initio (Book Chapter)	Babkin, V.A., Andreev, D.S., Prochukhan, Y.A., Prochukhan, K.Y., Zaikov, G.E.	2016	Process Advancement in Chemistry and Chemical Engineering Research
22.	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
23.	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
24.	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
25.	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
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27.	A detailed review on physicochemical properties,	Ponomarev, O.A., Rakhimov, A.I.,	2015	Applied Research on Polymer Composites

	synthesis, and application of polyacetylene (Book Chapter)	Rakhimov, N.A., (...), Babkin, V.A., Zaikov, G.E.		
28.	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
29.	**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
30.	**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
31.	**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
32.	**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
33.	**Quantum-chemical calculation of molecule α-cyclopropyl-p-isopropylstyrene 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.33
34.	**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
35.	**Quantum-chemical calculation of molecule 6,6-dimethylfulvene by method**	Babkin, V.A., Kalashnikova, Y.	2014	Quantum-Chemical Calculation of Unique Molecular

	MNDO			Systems, Two-Volume Set 1,pp.281
36.	**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
37.	**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
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39.	**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
40.	**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
41.	**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
42.	**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
43.	**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-

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44.	**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
45.	**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
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47.	**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
48.	**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
49.	**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
50.	**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
51.	**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
52.	**Quantum-chemical calculation of molecule dicyclopropyl by method ab**	Babkin, V.A., Andreev, D.S.	2014	Quantum-Chemical Calculation of Unique Molecular

	initio			Systems, Two-Volume Set 1,pp.225
53.	**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
54.	**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
55.	**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
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60.	**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
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66.	**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
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68.	**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
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73.	**Quantum-chemical calculation of molecule 1-methylbicyclo[10,1,0] tridecaneby method ab initio**	Babkin, V.A.,Andreev, D.S.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.211
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75.	**Key elements on synthesis, structure, physicochemical properties, and application of polyacetylene**	Babkin, V.A.,Zaikov, G.E.	2014	Key Engineering Materials, Volume 1: Current State of the Art on Novel Materials,pp.485
76.	**Quantum-chemical calculation of molecule cis, cis-cyclooctadiene-1,3 by method MNDO**	Babkin, V.A.,Zabaznov, D.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.299
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78.	**Quantum-chemical calculation of molecule 1,2-dimethylencyclohexane by method MNDO**	Babkin, V.A.,Sivovolov, D.V.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.275

79.	**Quantum-chemical calculation of molecule p-cyanostyrene by method MNDO**	Babkin, V.A.,Zabaznov, D.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.357
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90.	**Quantum-chemical calculation of molecule 1-methyl-4-isopropylcyclohexadiene-1,3 by method MNDO**	Babkin, V.A., Zabaznov, D.E.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.311
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99.	**Quantum-chemical calculation of molecule 1-isopropylindene-3a,4,7,7a-tetrahydroindene by method MNDO**	Babkin, V.A., Shkuratova, M.Y.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.343
100.	**Quantum-chemical calculation of molecule cyclohexadiene-1,3 by method MNDO**	Babkin, V.A., Kalashnikova, Y.	2014	Quantum-Chemical Calculation of Unique Molecular Systems, Two-Volume Set 1,pp.287
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