

Ravshan S Shamsiev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2621272/publications.pdf>

Version: 2024-02-01

45
papers

455
citations

759233

12
h-index

794594

19
g-index

45
all docs

45
docs citations

45
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper(II) perchlorate complexes with antipyrine: synthesis, structure, cytotoxicity and DFT calculations. <i>Mendeleev Communications</i> , 2022, 32, 123-125.	1.6	2
2	Palladium Nitrosyl Complexes as Highly Versatile Catalysts for C [~] H/C [~] H Oxidative Coupling of Arenes: Application Area and Insight into Mechanism. <i>ChemistrySelect</i> , 2021, 6, 1795-1803.	1.5	2
3	Estimation of conjugated C=C bonds effective number and conjugation energy of carotenoids. <i>Journal of Molecular Modeling</i> , 2021, 27, 281.	1.8	0
4	Palladium Nitrosyl Carboxylate Complexes as Catalysts for C [~] H/C [~] H Oxidative Coupling of Arenes: An Experimental and DFT Study. <i>ChemistrySelect</i> , 2020, 5, 1080-1087.	1.5	4
5	Mechanism of CO oxidation by oxygen in the presence of palladium(ii) bromide complexes: a quantum chemical modeling. <i>Russian Chemical Bulletin</i> , 2020, 69, 647-652.	1.5	1
6	Interaction of norbornadiene with allyl acetate in the presence of NiO complexes: a DFT modeling. <i>Russian Chemical Bulletin</i> , 2020, 69, 653-659.	1.5	5
7	Kinetic model of ethylene oxidation by p-benzoquinone in solutions of cationic palladium(ii) complexes in a binary acetonitrile-water solvent. <i>Russian Chemical Bulletin</i> , 2019, 68, 1366-1375.	1.5	4
8	Spectral and structural properties of carotenoids - DFT and thermochemical calculations. <i>Journal of Molecular Structure</i> , 2019, 1197, 583-593.	3.6	7
9	Theoretical Study of the Mechanism of Propionic Acid Deoxygenation on the Palladium Surface. <i>Kinetics and Catalysis</i> , 2019, 60, 627-634.	1.0	6
10	Theoretical modeling of mechanisms of phenylacetylene and styrene hydrogenation on the Pd(100) surface. <i>Russian Chemical Bulletin</i> , 2019, 68, 1656-1661.	1.5	1
11	Isotope Effect in Catalytic Hydroallylation of Norbornadiene by Allyl Formate. <i>Kinetics and Catalysis</i> , 2019, 60, 245-249.	1.0	7
12	Kinetics and Mechanism of Thermal Decomposition of Bis(η -3-Allyl)Nickel Complexes. <i>Kinetics and Catalysis</i> , 2019, 60, 113-117.	1.0	1
13	Zinc(II) and cadmium(II) halide complexes with caffeine: Synthesis, X-ray crystal structure, cytotoxicity and genotoxicity studies. <i>Inorganica Chimica Acta</i> , 2019, 487, 184-200.	2.4	22
14	Revealing the Influence of Silver in Ni-Ag Catalysts on the Selectivity of Higher Olefin Synthesis from Stearic Acid. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 57-65.	0.6	8
15	IR spectroscopy as a source of data on bond strengths. <i>Journal of Molecular Structure</i> , 2018, 1154, 261-271.	3.6	2
16	Hydride transfer mechanism in the catalytic allylation of norbornadiene with allyl formate. <i>Russian Chemical Bulletin</i> , 2018, 67, 2234-2240.	1.5	14
17	Theoretical modeling of the mechanism of aniline oxidation by singlet O ₂ . <i>Russian Chemical Bulletin</i> , 2018, 67, 1567-1572.	1.5	1
18	Norbornene, norbornadiene and their derivatives: promising semi-products for organic synthesis and production of polymeric materials. <i>Russian Chemical Reviews</i> , 2018, 87, 1169-1205.	6.5	51

#	ARTICLE	IF	CITATIONS
19	Adsorption of phenylacetylene and styrene on palladium surface: a DFT study. <i>Journal of Molecular Modeling</i> , 2018, 24, 143.	1.8	15
20	Quantum chemical analysis of mechanisms of phenylacetylene and styrene hydrogenation to ethylbenzene on the Pd{111} surface. <i>Russian Chemical Bulletin</i> , 2018, 67, 419-424.	1.5	2
21	DFT and experimental study of nitrosyl carboxylate palladium clusters Pd ₄ (NO) ₂ (RCO ₂) ₆ as catalysts for aerobic oxidation of alcohols. <i>Journal of Molecular Structure</i> , 2018, 1173, 974-982.	3.6	6
22	DFT Modeling of Mechanism of Hydrogenation of Phenylacetylene into Styrene on a Pd(111) Surface. <i>Kinetics and Catalysis</i> , 2018, 59, 333-338.	1.0	7
23	Quantum chemical modeling of phenylacetylene and styrene adsorption over Pd ₂₁ cluster. <i>Russian Chemical Bulletin</i> , 2017, 66, 401-408.	1.5	10
24	Quantum chemical study of H ₂ adsorption on Pd ₂₁ cluster. <i>Russian Chemical Bulletin</i> , 2017, 66, 395-400.	1.5	12
25	Kinetics and mechanism of the production of higher olefins from stearic acid in the presence of an alumina-supported nickel sulfide catalyst. <i>Kinetics and Catalysis</i> , 2017, 58, 147-155.	1.0	9
26	Theoretical modeling of the interaction of phenylacetylene and styrene molecules with Pd{111}. <i>Russian Chemical Bulletin</i> , 2017, 66, 2234-2240.	1.5	6
27	Catalytic methods for the manufacturing of high-production volume chemicals from vegetable oils and fats (review). <i>Petroleum Chemistry</i> , 2016, 56, 663-671.	1.4	21
28	Self association of α -tocopherol in solutions. Infrared absorption and theoretical study. <i>Journal of Molecular Structure</i> , 2016, 1109, 74-81.	3.6	1
29	Synthesis, X-ray crystal structure and cytotoxicity studies of zinc(II) and cadmium(II) iodide complexes with antipyrine. <i>Polyhedron</i> , 2015, 102, 152-162.	2.2	19
30	Quantum chemical simulation of the C-C bond cleavage in a propionic acid molecule on small palladium clusters. <i>Russian Chemical Bulletin</i> , 2014, 63, 2585-2590.	1.5	2
31	Synthesis, X-ray crystal structure, and properties of antipyrinium perchlorates, hexakis(antipyrine)thulium- and hexakis(antipyrine)ytterbium perchlorates. <i>Quantum-chemical studies of ligands protonation. Russian Journal of Inorganic Chemistry</i> , 2014, 59, 455-468.	1.3	1
32	Supported palladium nanomaterials as catalysts for petroleum chemistry: 1. Specifics of palladium diacetate reduction with hydrogen on silica gel in catalyst synthesis. <i>Petroleum Chemistry</i> , 2014, 54, 105-110.	1.4	5
33	Quantum-chemical study on the mechanism of catalytic dimerization of norbornadiene in the presence of hydride nickel(I) complex. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 345-349.	0.8	8
34	Specifics of the stearic acid deoxygenation reaction on a copper catalyst. <i>Petroleum Chemistry</i> , 2013, 53, 362-366.	1.4	10
35	Study of the effect of the solvent nature on cis-trans isomerization in Bis(allyl)nickel by the density functional theory method. <i>Russian Journal of Inorganic Chemistry</i> , 2013, 58, 1506-1510.	1.3	8
36	Quantum chemical study of the mechanism of catalytic [2+2+2] cycloaddition of acrylic acid esters to norbornadiene in the presence of nickel(0) complexes. <i>Russian Chemical Bulletin</i> , 2013, 62, 2301-2305.	1.5	12

#	ARTICLE	IF	CITATIONS
37	Cycloaddition of electron-deficient olefins to norbornadiene in the presence of nickel bisphosphine systems. Russian Chemical Bulletin, 2013, 62, 2385-2388.	1.5	7
38	Quantum chemical modeling of the cis-trans isomerization of the allyl ligand in Ni(I-3-C3H5)2 in the presence of norbornadiene. Russian Chemical Bulletin, 2013, 62, 1549-1552.	1.5	2
39	Problems of the stereoselectivity in the norbornadiene [2+2]-cyclodimerization reactions catalyzed by hydride nickel(I) complexes. Theoretical aspects. Russian Chemical Bulletin, 2013, 62, 1553-1557.	1.5	7
40	Kinetics and mechanism of the deoxygenation of stearic acid in the presence of palladium catalysts on alumina. Kinetics and Catalysis, 2012, 53, 595-609.	1.0	22
41	Catalytic chemistry of preparation of hydrocarbon fuels from vegetable oils and fats. Catalysis in Industry, 2012, 4, 209-214.	0.7	20
42	Synthesis, X-ray crystal structure and cytotoxicity studies of lanthanide(III) iodide complexes with antipyrine. Polyhedron, 2012, 44, 124-132.	2.2	12
43	The influence of metal and carrier natures on the effectiveness of catalysts of the deoxygenation of fatty acids into hydrocarbons. Russian Journal of Physical Chemistry A, 2012, 86, 1199-1203.	0.6	32
44	On the mechanism of catalytic conversion of fatty acids into hydrocarbons in the presence of palladium catalysts on alumina. Petroleum Chemistry, 2011, 51, 336-341.	1.4	55
45	Quantum-Chemical Calculations of Palladium(II) Complexes and Clusters. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 104-109.	1.0	6