

# Evgeniy G Gordeev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2655732/publications.pdf>

Version: 2024-02-01

54  
papers

2,762  
citations

393982

19  
h-index

197535

49  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3973  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Step Access to Heteroatom-Functionalized Imidazol(in)ium Salts. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
2	Merging structural frameworks of imidazolium, pyridinium, and cholinium ionic liquids with cinnamic acid to tune solution state behavior and properties. <i>Journal of Molecular Liquids</i> , 2022, 352, 118673.	2.3	3
3	Frontispiece: One-Step Access to Heteroatom-Functionalized Imidazol(in)ium Salts. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	0
4	Frontispiz: One-Step Access to Heteroatom-Functionalized Imidazol(in)ium Salts. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
5	Exploring metallic and plastic 3D printed photochemical reactors for customizing chemical synthesis. <i>Scientific Reports</i> , 2022, 12, 3780.	1.6	5
6	Integration of thermal imaging and neural networks for mechanical strength analysis and fracture prediction in 3D-printed plastic parts. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
7	Visualization of catalyst dynamics and development of a practical procedure to study complex "cocktail"-type catalytic systems. <i>Faraday Discussions</i> , 2021, 229, 458-474.	1.6	21
8	Stabilization of the Pd-NHC framework with 1,2,4-triazol-5-ylidene ligands toward decomposition in alkaline media. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3382-3401.	3.0	15
9	Deep neural network analysis of nanoparticle ordering to identify defects in layered carbon materials. <i>Chemical Science</i> , 2021, 12, 7428-7441.	3.7	10
10	Biomass-Derived Ionic Liquids Based on a 5-HMF Platform Chemical: Synthesis, Characterization, Biological Activity, and Tunable Interactions at the Molecular Level. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3552-3570.	3.2	27
11	Systematic Study of Aromatic-Ring-Targeted Cycloadditions of 5-Hydroxymethylfurfural Platform Chemicals. <i>ChemSusChem</i> , 2021, 14, 3110-3123.	3.6	13
12	Computational Design of Radical Recognition Assay with the Possible Application of Cyclopropyl Vinyl Sulfides as Tunable Sensors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7637.	1.8	3
13	3D Printing to Increase the Flexibility of the Chemical Synthesis of Biologically Active Molecules: Design of On-Demand Gas Generation Reactors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9919.	1.8	9
14	Organocatalytic Deuteration Induced by the Dynamic Covalent Interaction of Imidazolium Cations with Ketones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1368-1378.	2.1	11
15	Selectivity control in thiol-yne click reactions via visible light induced associative electron upconversion. <i>Chemical Science</i> , 2020, 11, 10061-10070.	3.7	47
16	Carbocatalysis: From Acetylene Trimerization to Modern Organic Synthesis. A Review. <i>Doklady Physical Chemistry</i> , 2020, 493, 95-122.	0.2	3
17	Controlled Natural Biomass Deoxygenation Allows the Design of Reusable Hot-Melt Adhesives Acting in a Multiple Oxygen Binding Mode. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45394-45403.	4.0	19
18	Pd-Catalyzed Synthesis of Densely Functionalized Cyclopropyl Vinyl Sulfides Reveals the Origin of High Selectivity in a Fundamental Alkyne Insertion Step. <i>ACS Catalysis</i> , 2020, 10, 9872-9888.	5.5	23

#	ARTICLE	IF	CITATIONS
19	Ambident Reactivity of Imidazolium Cations as Evidence of the Dynamic Nature of Nâ€Heterocyclic Carbeneâ€Mediated Organocatalysis. <i>Chemistry - A European Journal</i> , 2020, 26, 8567-8571.	1.7	8
20	Carbocatalytic Acetylene Cyclotrimerization: A Key Role of Unpaired Electron Delocalization. <i>Journal of the American Chemical Society</i> , 2020, 142, 3784-3796.	6.6	21
21	Widely accessible 3D printing technologies in chemistry, biochemistry and pharmaceuticals: applications, materials and prospects. <i>Russian Chemical Reviews</i> , 2020, 89, 1507-1561.	2.5	32
22	Addressing Reversibility of Râ€NHC Coupling on Palladium: Is Nano-to-Molecular Transition Possible for the Pd/NHC System?. <i>Inorganic Chemistry</i> , 2019, 58, 12218-12227.	1.9	16
23	Phantom Reactivity in Organic and Catalytic Reactions as a Consequence of Microscale Destruction and Contamination-Trapping Effects of Magnetic Stir Bars. <i>ACS Catalysis</i> , 2019, 9, 3070-3081.	5.5	106
24	Revealing interactions of layered polymeric materials at solid-liquid interface for building solvent compatibility charts for 3D printing applications. <i>Scientific Reports</i> , 2019, 9, 20177.	1.6	64
25	Relative stabilities of M/NHC complexes (M = Ni, Pd, Pt) against Râ€NHC, Xâ€NHC and Xâ€X couplings in M(O)/M(<sc>ii</sc>) and M(<sc>ii</sc>)/M(<sc>iv</sc>) catalytic cycles: a theoretical study. <i>Dalton Transactions</i> , 2019, 48, 17052-17062.	1.6	12
26	Switching the nature of catalytic centers in Pd/NHC systems by solvent effect driven nonâ€classical Râ€NHC Coupling. <i>Journal of Computational Chemistry</i> , 2019, 40, 191-199.	1.5	9
27	[3 + 2]-Cycloaddition of <i>in Situ</i> Generated Nitrile Imines and Acetylene for Assembling of 1,3-Disubstituted Pyrazoles with Quantitative Deuterium Labeling. <i>Journal of Organic Chemistry</i> , 2018, 83, 3819-3828.	1.7	72
28	Influence of Râ€NHC Coupling on the Outcome of Râ€X Oxidative Addition to Pd/NHC Complexes (R = Me, Tj ETQq0 0 0 rgBT /Overlo	1.1	82
29	High-Performance Synthesis of Phosphorus-Doped Graphene Materials and Stabilization of Phosphoric Micro- and Nanodroplets. <i>Langmuir</i> , 2018, 34, 15739-15748.	1.6	13
30	Organoelement chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2018, 87, 393-507.	2.5	157
31	Improvement of quality of 3D printed objects by elimination of microscopic structural defects in fused deposition modeling. <i>PLoS ONE</i> , 2018, 13, e0198370.	1.1	136
32	Biological Activity of Ionic Liquids and Their Application in Pharmaceuticals and Medicine. <i>Chemical Reviews</i> , 2017, 117, 7132-7189.	23.0	1,201
33	A solid acetylene reagent with enhanced reactivity: fluoride-mediated functionalization of alcohols and phenols. <i>Green Chemistry</i> , 2017, 19, 3032-3041.	4.6	56
34	A New Mode of Operation of Pd-NHC Systems Studied in a Catalytic Mizorokiâ€Heck Reaction. <i>Organometallics</i> , 2017, 36, 1981-1992.	1.1	119
35	Threeâ€Dimensional Printing with Biomassâ€Derived PEF for Carbonâ€Neutral Manufacturing. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15931-15935.	7.2	101
36	Efficient route for the construction of polycyclic systems from bioderived HMF. <i>Green Chemistry</i> , 2017, 19, 4858-4864.	4.6	59

#	ARTICLE	IF	CITATIONS
37	Analysis of 3D printing possibilities for the development of practical applications in synthetic organic chemistry. Russian Chemical Bulletin, 2016, 65, 1637-1643.	0.4	35
38	Shielding the chemical reactivity using graphene layers for controlling the surface properties of carbon materials. Physical Chemistry Chemical Physics, 2016, 18, 4608-4616.	1.3	14
39	Computational Study of a Model System of Enzyme-Mediated [4+2] Cycloaddition Reaction. PLoS ONE, 2015, 10, e0119984.	1.1	18
40	Reaction of chloro(ethyl)silanes with chloro(phenyl)silanes in the presence of aluminum chloride. Synthesis of chloro(ethyl)(phenyl)silanes. Russian Journal of General Chemistry, 2015, 85, 595-599.	0.3	0
41	Pd-NHC Catalytic System for the Efficient Atom-Economic Synthesis of Vinyl Sulfides from Tertiary, Secondary, or Primary Thiols. ACS Catalysis, 2015, 5, 7208-7213.	5.5	61
42	Formation conditions for InAs/GaAs quantum dot arrays by droplet epitaxy under MOVPE conditions. Technical Physics, 2014, 59, 78-84.	0.2	2
43	Reactions of dichlorocarbene, dichlorosilylene, and dichlorogermylene with carboranes(12). A theoretical study. Russian Journal of General Chemistry, 2014, 84, 1330-1338.	0.3	3
44	Design of a Bimetallic Au/Ag System for Dechlorination of Organochlorides: Experimental and Theoretical Evidence for the Role of the Cluster Effect. Organometallics, 2014, 33, 6003-6012.	1.1	6
45	Carboxylate Switch between Hydro- and Carbopalladation Pathways in Regiodivergent Dimerization of Alkynes. Chemistry - A European Journal, 2014, 20, 9578-9588.	1.7	41
46	Noninnocent Nature of Carbon Support in Metal/Carbon Catalysts: Etching/Pitting vs Nanotube Growth under Microwave Irradiation. ACS Catalysis, 2014, 4, 3806-3814.	5.5	49
47	Reaction of tetrachlorogermane with thienyl- and phenylchlorosilanes in presence of aluminum chloride. Synthesis of thienylchlorogermanes. Russian Journal of General Chemistry, 2014, 84, 280-284.	0.3	0
48	Fast and accurate computational modeling of adsorption on graphene: a dispersion interaction challenge. Physical Chemistry Chemical Physics, 2013, 15, 18815.	1.3	61
49	Retrieval and analysis of transition states in electrophilic substitution reactions of the carborane(12) series. Russian Journal of General Chemistry, 2012, 82, 1517-1523.	0.3	1
50	Novel [4 + 2] cycloaddition reactions of alkyne and enyne key-units: Direct access to bicyclic aromatic and heteroaromatic products. A theoretical mechanistic study. Chemical Science, 2011, 2, 2332-2341.	3.7	15
51	Structure and properties of 1,2-, 1,7-, and 1,12-dicarba-closo-dodecaboranes(12): A quantum chemical study. Russian Chemical Bulletin, 2006, 55, 2154-2160.	0.4	10
52	Quantum chemical study of nickel(II) complexes with cyclic diimine ligands on the base of bis[3,3-iminopropyl]methylamine. Journal of Structural Chemistry, 2006, 47, 15-20.	0.3	3
53	Synthesis and Structure of Bis(3,3-diamino-N-methyldipropylamine)-dichlorodi(1/4-chloro)nickel. Russian Journal of General Chemistry, 2005, 75, 1870-1873.	0.3	3
54	One-Step Access to Heteroatom-Functionalized Imidazol(in)ium Salts. Angewandte Chemie, 0, , .	1.6	1