

# Niyaz Z Yagafarov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5380116/publications.pdf>

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16  
papers

274  
citations

933447

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1058476

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docs citations

17  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium-Catalyzed Reductive Amination without an External Hydrogen Source. <i>Organic Letters</i> , 2015, 17, 173-175.	4.6	54
2	Ultrasound-assisted catalyst-free thiol-yne click reaction in chitosan chemistry: Antibacterial and transfection activity of novel cationic chitosan derivatives and their based nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 143-152.	7.5	30
3	Novel heterocyclic chitosan derivatives and their derived nanoparticles: Catalytic and antibacterial properties. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 682-692.	7.5	30
4	Active antibacterial food coatings based on blends of succinyl chitosan and triazole betaine chitosan derivatives. <i>Food Packaging and Shelf Life</i> , 2020, 25, 100534.	7.5	27
5	Chitosan derivatives and their based nanoparticles: ultrasonic approach to the synthesis, antimicrobial and transfection properties. <i>Carbohydrate Polymers</i> , 2020, 242, 116478.	10.2	26
6	The synthesis of sterically hindered amines by a direct reductive amination of ketones. <i>Chemical Communications</i> , 2016, 52, 1397-1400.	4.1	24
7	Reductive Transformations of Carbonyl Compounds Catalyzed by Rhodium Supported on a Carbon Matrix by using Carbon Monoxide as a Deoxygenative Agent. <i>ChemCatChem</i> , 2015, 7, 2590-2593.	3.7	19
8	Synthesis of the northern fragment of an epothilone D analogue from (âˆ’)-carvone. <i>Tetrahedron</i> , 2012, 68, 6868-6872.	1.9	14
9	An Intramolecular Diels-Alder Furan (IMDAF) Approach towards the Synthesis of Isoindolo[2,1-a]quinazolines and Isoindolo[1,2-b]quinazolines. <i>Synthesis</i> , 2017, 49, 3749-3767.	2.3	13
10	Ruthenium-Catalyzed Reductive Amidation without an External Hydrogen Source. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 557-563.	2.4	10
11	High antibacterial activity and low toxicity of pyridoxal derivatives of chitosan and their nanoparticles. <i>Mendeleev Communications</i> , 2021, 31, 504-506.	1.6	10
12	Efficient reinforcement of chitosan-based coatings for Ricotta cheese with non-toxic, active, and smart nanoparticles. <i>Progress in Organic Coatings</i> , 2020, 145, 105707.	3.9	9
13	Novel zinc(II)/chitosan-based composite: ultrasound-assisted synthesis, catalytic and antibacterial activity. <i>Mendeleev Communications</i> , 2020, 30, 642-644.	1.6	6
14	Synthesis and in vitro antifungal activity of selenium-containing chitin derivatives. <i>Mendeleev Communications</i> , 2022, 32, 357-359.	1.6	2
15	Influence of steric factors on the direction of reactions. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 1256-1258.	0.8	0
16	5,5-dimethyl-1,3-dioxan-4-ol as orthogonally protected equivalent of 2,2-dimethyl-3-hydroxypropanal. <i>Russian Journal of Organic Chemistry</i> , 2012, 48, 820-822.	0.8	0