Almira R Kurbangalieva

List of Publications by Year
in descending order

45 papers	950 citations	430874 18 h-index	454955 30 g-index
49 all docs	49 docs citations	49 times ranked	931 citing authors

#	Article	IF	Citations
1	Synthetic prodrug design enables biocatalytic activation in mice to elicit tumor growth suppression. Nature Communications, 2022, 13, 39.	12.8	34
2	Homo- and Heterogeneous Glycoconjugates on the Basis of N-Glycans and Human Serum Albumin: Synthesis and Biological Evaluation. Molecules, 2022, 27, 1285.	3.8	2
3	The second example of doubly enantiophobic behavior during crystallization: a detailed crystallographic, thermochemical and spectroscopic study. CrystEngComm, 2021, 23, 3907-3918.	2.6	8
4	Disrupting tumor onset and growth via selective cell tagging (SeCT) therapy. Science Advances, 2021, 7, .	10.3	17
5	Importance of local glycan heterogeneity for in vivo cancer targeting. Tetrahedron Letters, 2021, 72, 153089.	1.4	2
6	A Strategy for Tumor Targeting by Higherâ€Order Glycan Pattern Recognition: Synthesis and In Vitro and In Vivo Properties of Glycoalbumins Conjugated with Four Different Nâ€Glycan Molecules. Small, 2020, 16, e2004831.	10.0	14
7	Bidirectional alterations in antibiotics susceptibility in Staphylococcus aureusâ€”Pseudomonas aeruginosa dual-species biofilm. Scientific Reports, 2020, 10, 14849.	3.3	45
8	Tumor Targeting: A Strategy for Tumor Targeting by Higherâ€Order Glycan Pattern Recognition: Synthesis and In Vitro and In Vivo Properties of Glycoalbumins Conjugated with Four Different Nâ€Glycan Molecules (Small 46/2020). Small, 2020, 16, 2070253.	10.0	0
9	Increasing Susceptibility of Drug-Resistant Candida albicans to Fluconazole and Terbinafine by 2(5H)-Furanone Derivative. Molecules, 2020, 25, 642.	3.8	17
10	Facile Access to Optically Active 2,6â€Dialkylâ€1,5â€Diazacyclooctanes. Chemistry - an Asian Journal, 2019, 14, 4048-4054.	3.3	4
11	Biocompatibility and therapeutic potential of glycosylated albumin artificial metalloenzymes. Nature Catalysis, 2019, 2, 780-792.	34.4	110
12	â€œLpâ‹¯synthonâ€•interaction as a reason for the strong amplification of synthon-forming hydrogen bonds. CrystEngComm, 2019, 21, 1499-1511.	2.6	3
13	Efficient route to RIKEN click probes for glycoconjugation. Journal of Carbohydrate Chemistry, 2019, 38, 127-138.	1.1	7
14	Unraveling the Molecular Mechanism of Selective Antimicrobial Activity of 2(5H)-Furanone Derivative against Staphylococcus aureus. International Journal of Molecular Sciences, 2019, 20, 694.	4.1	23
15	Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology. Advanced Science, 2019, 6, 1801479.	11.2	26
16	Targeting Bacillus cereus cells: increasing efficiency of antimicrobials by the bornylpossessing 2(5Ð)-furanone derivative. New Microbiologica, 2019, 42, 29-36.	0.1	8
17	â€œDoubly enantiophobicâ€•behavior during crystallization of racemic 1,5-dihydro-2H-pyrrol-2-one thioether. CrystEngComm, 2018, 20, 3218-3227.	2.6	14
18	A viable strategy for screening the effects of glycan heterogeneity on target organ adhesion and biodistribution in live mice. Chemical Communications, 2018, 54, 8693-8696.	4.1	26

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19	Expanding the Applicability of the Metal Labeling of Biomolecules by the RIKEN Click Reaction: A Case Study with Galliumâ€68 Positron Emission Tomography. ChemBioChem, 2018, 19, 2055-2060.	2.6	7
20	Inâ€…Vivo Gold Complex Catalysis within Live Mice. Angewandte Chemie, 2017, 129, 3633-3638.	2.0	25
21	Inâ€…Vivo Gold Complex Catalysis within Live Mice. Angewandte Chemie - International Edition, 2017, 56, 3579-3584.	13.8	129
22	Highly reactive â€œRIKEN clickâ€•probe for glycoconjugation on lysines. Tetrahedron Letters, 2017, 58, 1929-1933.	1.4	17
23	Sequential Double â€œClicksâ€•toward Structurally Wellâ€Defined Heterogeneous Nâ€Glycoclusters: The Importance of Cluster Heterogeneity on Pattern Recognition In Vivo. Advanced Science, 2017, 4, 1600394.	11.2	30
24	Simple Gd3+-Neu5NAc complexation results in NMR chemical shift asymmetries of structurally equivalent complex-type N-glycan branches. Analyst, The, 2017, 142, 2897-2900.	3.5	2
25	RÃ¼cktitelbild: Inâ€…Vivo Gold Complex Catalysis within Live Mice (Angew. Chem. 13/2017). Angewandte Chemie, 2017, 129, 3778-3778.	2.0	0
26	Structural aspects of partial solid solution formation: two crystalline modifications of a chiral derivative of 1,5-dihydro-2H-pyrrol-2-one under consideration. CrystEngComm, 2017, 19, 7277-7286.	2.6	18
27	Anti-Inflammatory Activity of Novel (S)-Naproxen Derivatives. BioNanoScience, 2017, 7, 189-193.	3.5	2
28	Antimicrobial Effects of Sulfonyl Derivative of 2(5H)-Furanone against Planktonic and Biofilm Associated Methicillin-Resistant and -Susceptible Staphylococcus aureus. Frontiers in Microbiology, 2017, 8, 2246.	3.5	46
29	Uncatalyzed Click Reaction between Phenyl Azides and Acrolein: 4-Formyl-1,2,3-Triazolines as â€œClickedâ€• Markers for Visualizations of Extracellular Acrolein Released from Oxidatively Stressed Cells. ACS Sensors, 2016, 1, 623-632.	7.8	25
30	Glycan multivalency effects toward albumin enable N-glycan-dependent tumor targeting. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2251-2254.	2.2	32
31	Progress in the Development of Reaction-Based Sensors for Detection of Acrolein in Biological Samples. BioNanoScience, 2016, 6, 473-479.	3.5	3
32	2(5H)-Furanone Derivatives as Inhibitors of Staphylococcal Biofilms. BioNanoScience, 2016, 6, 423-426.	3.5	17
33	Unrecognized Cycloaddition Reactions of N-Alkyl-Î±,Î²-Unsaturated Imines Occurring in Biosystems and Their Biological Roles. BioNanoScience, 2016, 6, 364-367.	3.5	2
34	Oneâ€Pot Evolution of Ageladineâ€…A through a Bioâ€Inspired Cascade towards Selective Modulators of Neuronal Differentiation. Chemistry - A European Journal, 2016, 22, 14707-14716.	3.3	13
35	Visualizing Trimming Dependence of Biodistribution and Kinetics with Homo- and Heterogeneous N-Glycoclusters on Fluorescent Albumin. Scientific Reports, 2016, 6, 21797.	3.3	52
36	Exploring the glycan interaction in vivo: Future prospects of neo-glycoproteins for diagnostics. Glycobiology, 2016, 26, 804-812.	2.5	6

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37	In vivo imaging of advanced glycation end products (AGEs) of albumin: first observations of significantly reduced clearance and liver deposition properties in mice. Organic and Biomolecular Chemistry, 2016, 14, 5755-5760.	2.8	4
38	Cell surface and in vivo interaction of dendrimeric N-glycoclusters. Glycoconjugate Journal, 2015, 32, 497-503.	2.7	6
39	Exclusive formation of imino[4 + 4]cycloaddition products with biologically relevant amines: plausible candidates for acrolein biomarkers and biofunctional modulators. MedChemComm, 2015, 6, 431-436.	3.4	20
40	Inhibition of biofilm formation in Bacillus subtilis by new halogenated furanones. Journal of Antibiotics, 2015, 68, 297-301.	2.0	46
41	Microfluidic Mixing of Polyamine with Acrolein Enables the Detection of the [4+4] Polymerization of Intermediary Unsaturated Imines: The Properties of a Cytotoxic 1,5-Diazacyclooctane Hydrogel. Synlett, 2014, 25, 2442-2446.	1.8	14
42	Oxidative Addition to Palladium(0) Diphosphine Complexes: Observations of Mechanistic Complexity with Iodobenzene as Reactant. Chemistry - A European Journal, 2014, 20, 1116-1125.	3.3	31
43	Imino [4+4] cycloaddition products as exclusive and biologically relevant acrolein-amine conjugates are intermediates of 3-formyl-3,4-dehydropiperidine (FDP), an acrolein biomarker. Bioorganic and Medicinal Chemistry, 2014, 22, 6380-6386.	3.0	15
44	In vivo kinetics and biodistribution analysis of neoglycoproteins: effects of chemically introduced glycans on proteins. Glycoconjugate Journal, 2014, 31, 273-279.	2.7	8
45	Structural diversity of interaction products of mucochloric acid and its derivatives with 1,2-ethanedithiol. Tetrahedron, 2010, 66, 9945-9953.	1.9	19