

Almira R Kurbangalieva

List of Publications by Year in descending order

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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	Inâ€¦Vivo Gold Complex Catalysis within Live Mice. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3579-3584.	13.8	129
2	Biocompatibility and therapeutic potential of glycosylated albumin artificial metalloenzymes. <i>Nature Catalysis</i> , 2019, 2, 780-792.	34.4	110
3	Visualizing Trimming Dependence of Biodistribution and Kinetics with Homo- and Heterogeneous N-Glycoclusters on Fluorescent Albumin. <i>Scientific Reports</i> , 2016, 6, 21797.	3.3	52
4	Inhibition of biofilm formation in <i>Bacillus subtilis</i> by new halogenated furanones. <i>Journal of Antibiotics</i> , 2015, 68, 297-301.	2.0	46
5	Antimicrobial Effects of Sulfonyl Derivative of 2(5H)-Furanone against Planktonic and Biofilm Associated Methicillin-Resistant and -Susceptible <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2246.	3.5	46
6	Bidirectional alterations in antibiotics susceptibility in <i>Staphylococcus aureus</i> â€” <i>Pseudomonas aeruginosa</i> dual-species biofilm. <i>Scientific Reports</i> , 2020, 10, 14849.	3.3	45
7	Synthetic prodrug design enables biocatalytic activation in mice to elicit tumor growth suppression. <i>Nature Communications</i> , 2022, 13, 39.	12.8	34
8	Glycan multivalency effects toward albumin enable N-glycan-dependent tumor targeting. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2251-2254.	2.2	32
9	Oxidative Addition to Palladium(0) Diphosphine Complexes: Observations of Mechanistic Complexity with Iodobenzene as Reactant. <i>Chemistry - A European Journal</i> , 2014, 20, 1116-1125.	3.3	31
10	Sequential Double â€œClicksâ€ toward Structurally Wellâ€Defined Heterogeneous N-Glycoclusters: The Importance of Cluster Heterogeneity on Pattern Recognition In Vivo. <i>Advanced Science</i> , 2017, 4, 1600394.	11.2	30
11	A viable strategy for screening the effects of glycan heterogeneity on target organ adhesion and biodistribution in live mice. <i>Chemical Communications</i> , 2018, 54, 8693-8696.	4.1	26
12	Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology. <i>Advanced Science</i> , 2019, 6, 1801479.	11.2	26
13	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. <i>ACS Sensors</i> , 2016, 1, 623-632.	7.8	25
14	Inâ€¦Vivo Gold Complex Catalysis within Live Mice. <i>Angewandte Chemie</i> , 2017, 129, 3633-3638.	2.0	25
15	Unraveling the Molecular Mechanism of Selective Antimicrobial Activity of 2(5H)-Furanone Derivative against <i>Staphylococcus aureus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 694.	4.1	23
16	Exclusive formation of imino[4 + 4]cycloaddition products with biologically relevant amines: plausible candidates for acrolein biomarkers and biofunctional modulators. <i>MedChemComm</i> , 2015, 6, 431-436.	3.4	20
17	Structural diversity of interaction products of mucochloric acid and its derivatives with 1,2-ethanedithiol. <i>Tetrahedron</i> , 2010, 66, 9945-9953.	1.9	19
18	Structural aspects of partial solid solution formation: two crystalline modifications of a chiral derivative of 1,5-dihydro-2 <i>H</i> -pyrrol-2-one under consideration. <i>CrystEngComm</i> , 2017, 19, 7277-7286.	2.6	18

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19	2(5H)-Furanone Derivatives as Inhibitors of Staphylococcal Biofilms. <i>BioNanoScience</i> , 2016, 6, 423-426.	3.5	17
20	Highly reactive α -RIKEN click-probe for glycoconjugation on lysines. <i>Tetrahedron Letters</i> , 2017, 58, 1929-1933.	1.4	17
21	Disrupting tumor onset and growth via selective cell tagging (SeCT) therapy. <i>Science Advances</i> , 2021, 7, .	10.3	17
22	Increasing Susceptibility of Drug-Resistant <i>Candida albicans</i> to Fluconazole and Terbinafine by 2(5H)-Furanone Derivative. <i>Molecules</i> , 2020, 25, 642.	3.8	17
23	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. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6380-6386.	3.0	15
24	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. <i>Synlett</i> , 2014, 25, 2442-2446.	1.8	14
25	α -Doubly enantiophobic behavior during crystallization of racemic 1,5-dihydro-2 <i>H</i> -pyrrol-2-one thioether. <i>CrystEngComm</i> , 2018, 20, 3218-3227.	2.6	14
26	A Strategy for Tumor Targeting by Higher-Order Glycan Pattern Recognition: Synthesis and In Vitro and In Vivo Properties of Glycoalbumins Conjugated with Four Different <i>N</i> -Glycan Molecules. <i>Small</i> , 2020, 16, e2004831.	10.0	14
27	One-Pot Evolution of Ageladine...A through a Bio-Inspired Cascade towards Selective Modulators of Neuronal Differentiation. <i>Chemistry - A European Journal</i> , 2016, 22, 14707-14716.	3.3	13
28	In vivo kinetics and biodistribution analysis of neoglycoproteins: effects of chemically introduced glycans on proteins. <i>Glycoconjugate Journal</i> , 2014, 31, 273-279.	2.7	8
29	The second example of doubly enantiophobic behavior during crystallization: a detailed crystallographic, thermochemical and spectroscopic study. <i>CrystEngComm</i> , 2021, 23, 3907-3918.	2.6	8
30	Targeting <i>Bacillus cereus</i> cells: increasing efficiency of antimicrobials by the bornylpossessing 2(5D)-furanone derivative. <i>New Microbiologica</i> , 2019, 42, 29-36.	0.1	8
31	Expanding the Applicability of the Metal Labeling of Biomolecules by the RIKEN Click Reaction: A Case Study with Gallium-68 Positron Emission Tomography. <i>ChemBioChem</i> , 2018, 19, 2055-2060.	2.6	7
32	Efficient route to RIKEN click probes for glycoconjugation. <i>Journal of Carbohydrate Chemistry</i> , 2019, 38, 127-138.	1.1	7
33	Cell surface and in vivo interaction of dendrimeric N-glycoclusters. <i>Glycoconjugate Journal</i> , 2015, 32, 497-503.	2.7	6
34	Exploring the glycan interaction in vivo: Future prospects of neo-glycoproteins for diagnostics. <i>Glycobiology</i> , 2016, 26, 804-812.	2.5	6
35	In vivo imaging of advanced glycation end products (AGEs) of albumin: first observations of significantly reduced clearance and liver deposition properties in mice. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5755-5760.	2.8	4
36	Facile Access to Optically Active 2,6-Dialkyl-1,5-Diazacyclooctanes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4048-4054.	3.3	4

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37	Progress in the Development of Reaction-Based Sensors for Detection of Acrolein in Biological Samples. <i>BioNanoScience</i> , 2016, 6, 473-479.	3.5	3
38	â€œLpâ€synthonâ€interaction as a reason for the strong amplification of synthon-forming hydrogen bonds. <i>CrystEngComm</i> , 2019, 21, 1499-1511.	2.6	3
39	Unrecognized Cycloaddition Reactions of N-Alkyl-1,2-Unsaturated Imines Occurring in Biosystems and Their Biological Roles. <i>BioNanoScience</i> , 2016, 6, 364-367.	3.5	2
40	Simple Gd ³⁺ -Neu5NAc complexation results in NMR chemical shift asymmetries of structurally equivalent complex-type N-glycan branches. <i>Analyt, The</i> , 2017, 142, 2897-2900.	3.5	2
41	Anti-Inflammatory Activity of Novel (S)-Naproxen Derivatives. <i>BioNanoScience</i> , 2017, 7, 189-193.	3.5	2
42	Importance of local glycan heterogeneity for in vivo cancer targeting. <i>Tetrahedron Letters</i> , 2021, 72, 153089.	1.4	2
43	Homo- and Heterogeneous Glycoconjugates on the Basis of N-Glycans and Human Serum Albumin: Synthesis and Biological Evaluation. <i>Molecules</i> , 2022, 27, 1285.	3.8	2
44	RÄ¼cktitelbild: Inâ€Vivo Gold Complex Catalysis within Live Mice (<i>Angew. Chem.</i> 13/2017). <i>Angewandte Chemie</i> , 2017, 129, 3778-3778.	2.0	0
45	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 Glycan Molecules (<i>Small</i> 46/2020). <i>Small</i> , 2020, 16, 2070253.	10.0	0