

Irfan A Khan

List of Publications by Year in descending order

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17
papers

487
citations

1040056

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996975

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docs citations

17
times ranked

742
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-orthogonal chemistry enables solid phase synthesis and HPLC and gel-free purification of long RNA oligonucleotides. <i>Chemical Communications</i> , 2021, 57, 4263-4266.	4.1	9
2	Non- ϵ Chromatographic Purification of Synthetic RNA Using Bio-Orthogonal Chemistry. <i>Current Protocols</i> , 2021, 1, e247.	2.9	0
3	Switchable Fluorescence of Doxorubicin for Label-Free Imaging of Bioorthogonal Drug Release. <i>ChemMedChem</i> , 2020, 15, 988-994.	3.2	4
4	Bio-orthogonal chemistry-based method for fluorescent labelling of ribosomal RNA in live mammalian cells. <i>Chemical Communications</i> , 2019, 55, 10456-10459.	4.1	7
5	Bio-Orthogonal Chemistry and Reloadable Biomaterial Enable Local Activation of Antibiotic Prodrugs and Enhance Treatments against <i>Staphylococcus aureus</i> Infections. <i>ACS Central Science</i> , 2018, 4, 1624-1632.	11.3	64
6	Controlled in-cell activation of RNA therapeutics using bond-cleaving bio-orthogonal chemistry. <i>Chemical Science</i> , 2017, 8, 5705-5712.	7.4	30
7	Single-trigger dual-responsive nanoparticles for controllable and sequential prodrug activation. <i>Nanoscale</i> , 2017, 9, 10020-10030.	5.6	9
8	In situ activation of a doxorubicin prodrug using imaging-capable nanoparticles. <i>Chemical Communications</i> , 2016, 52, 6174-6177.	4.1	32
9	In Vivo Bioorthogonal Chemistry Enables Local Hydrogel and Systemic Pro-Drug To Treat Soft Tissue Sarcoma. <i>ACS Central Science</i> , 2016, 2, 476-482.	11.3	146
10	Reprogrammable multiplexed detection of circulating oncomiRs using hybridization chain reaction. <i>Chemical Communications</i> , 2016, 52, 3524-3527.	4.1	41
11	A fast click-slow release strategy towards the HPLC-free synthesis of RNA. <i>Chemical Communications</i> , 2016, 52, 1405-1408.	4.1	22
12	Current Pattern of Antibiotic Resistance in Clinical Isolates of <i>Acinetobacter Baumannii</i> from Intensive Care Units of Tertiary Care Hospital. <i>Annals of King Edward Medical University</i> , 2016, 22, 17.	0.1	1
13	Modulation of Hepatitis C Virus Genome Replication by Glycosphingolipids and Four-Phosphate Adaptor Protein 2. <i>Journal of Virology</i> , 2014, 88, 12276-12295.	3.4	77
14	Use of the SYBR Green dye for measuring helicase activity. <i>Enzyme and Microbial Technology</i> , 2013, 52, 196-198.	3.2	4
15	Fluoroquinolones Inhibit HCV by Targeting Its Helicase. <i>Antiviral Therapy</i> , 2012, 17, 467-476.	1.0	31
16	Fluoroquinolones inhibit HCV by targeting its helicase. <i>Antiviral Therapy</i> , 2011, 17, 595.	1.0	0
17	Safe blood transfusion practices in blood banks of Karachi, Pakistan. <i>Transfusion Medicine</i> , 2011, 21, 57-62.	1.1	10