

Mario Vieweger

List of Publications by Year in descending order

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13
papers

340
citations

933447

10
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1125743

13
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docs citations

13
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivalent rubber-like RNA nanoparticles for targeted co-delivery of paclitaxel and MiRNA to silence the drug efflux transporter and liver cancer drug resistance. <i>Journal of Controlled Release</i> , 2021, 330, 173-184.	9.9	36
2	Self-assembly of four generations of RNA dendrimers for drug shielding with controllable layer-by-layer release. <i>Nanoscale</i> , 2020, 12, 16514-16525.	5.6	8
3	RNA Nanoparticles as Rubber for Compelling Vessel Extravasation to Enhance Tumor Targeting and for Fast Renal Excretion to Reduce Toxicity. <i>ACS Nano</i> , 2020, 14, 13180-13191.	14.6	44
4	Ultra-thermostable RNA nanoparticles for solubilizing and high-yield loading of paclitaxel for breast cancer therapy. <i>Nature Communications</i> , 2020, 11, 972.	12.8	86
5	RNA-based micelles: A novel platform for paclitaxel loading and delivery. <i>Journal of Controlled Release</i> , 2018, 276, 17-29.	9.9	46
6	Synergistic SHAPE/Single-Molecule Deconvolution of RNA Conformation under Physiological Conditions. <i>Biophysical Journal</i> , 2018, 114, 1762-1775.	0.5	3
7	Mechanism of three-component collision to produce ultrastable pRNA three-way junction of Phi29 DNA-packaging motor by kinetic assessment. <i>Rna</i> , 2016, 22, 1710-1718.	3.5	18
8	Discovery of a new method for potent drug development using power function of stoichiometry of homomeric biocomplexes or biological nanomotors. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 23-36.	5.0	12
9	Single-Molecule FRET Reveals Three Conformations for the TLS Domain of Brome Mosaic Virus Genome. <i>Biophysical Journal</i> , 2015, 109, 2625-2636.	0.5	10
10	Two classes of nucleic acid translocation motors: rotation and revolution without rotation. <i>Cell and Bioscience</i> , 2014, 4, 54.	4.8	15
11	Conformationally Dynamic π -Conjugation: Probing Structure-Property Relationships of Fluorescent Tris(<i>N</i> -salicylideneaniline)s. <i>Journal of Physical Chemistry A</i> , 2011, 115, 13298-13308.	2.5	21
12	Photothermal Imaging and Measurement of Protein Shell Stoichiometry of Single HIV-1 Gag Virus-like Nanoparticles. <i>ACS Nano</i> , 2011, 5, 7324-7333.	14.6	21
13	What difference one double bond makes: Electronic structure of saturated and unsaturated <i>n</i> -heterocyclic carbene ligands in Grubbs 2nd generation-type catalysts. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5505-5512.	1.8	20