

# Mario Vieweger

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

340  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

569  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	RNA-based micelles: A novel platform for paclitaxel loading and delivery. <i>Journal of Controlled Release</i> , 2018, 276, 17-29.	9.9	46
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	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
5	Conformationally Dynamic $\pi$ -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
6	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
7	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
8	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
9	Two classes of nucleic acid translocation motors: rotation and revolution without rotation. <i>Cell and Bioscience</i> , 2014, 4, 54.	4.8	15
10	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
11	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
12	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
13	Synergistic SHAPE/Single-Molecule Deconvolution of RNA Conformation under Physiological Conditions. <i>Biophysical Journal</i> , 2018, 114, 1762-1775.	0.5	3