

# Hanna Jeannine Wagner

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

401  
citations

758635

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887659

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times ranked

552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosensor-Enabled Multiplexed On-Site Therapeutic Drug Monitoring of Antibiotics. <i>Advanced Materials</i> , 2022, 34, e2104555.	11.1	29
2	Reversible Shielding and Immobilization of Liposomes and Viral Vectors by Tailored Antibody-Ligand Interactions. <i>Small</i> , 2022, 18, e2105157.	5.2	3
3	Biosensor-Enabled Multiplexed On-Site Therapeutic Drug Monitoring of Antibiotics (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Over	11.1	1
4	Synthetic Biology: Emerging Concepts to Design and Advance Adeno-Associated Viral Vectors for Gene Therapy. <i>Advanced Science</i> , 2021, 8, 2004018.	5.6	27
5	Synthetic biology as driver for the biologization of materials sciences. <i>Materials Today Bio</i> , 2021, 11, 100115.	2.6	31
6	Spatiotemporally confined red light-controlled gene delivery at single-cell resolution using adeno-associated viral vectors. <i>Science Advances</i> , 2021, 7, .	4.7	17
7	Synthetic Biology-Empowered Hydrogels for Medical Diagnostics. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2020, 178, 197-226.	0.6	2
8	Synthetic biology-inspired design of signal-amplifying materials systems. <i>Materials Today</i> , 2019, 22, 25-34.	8.3	21
9	Biofunctionalized Materials Featuring Feedforward and Feedback Circuits Exemplified by the Detection of Botulinum Toxin A. <i>Advanced Science</i> , 2019, 6, 1801320.	5.6	11
10	Design of a Human Rhinovirus-14 3C Protease-Inducible Caspase-3. <i>Molecules</i> , 2019, 24, 1945.	1.7	5
11	A Two-Step Approach for the Design and Generation of Nanobodies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3444.	1.8	25
12	Characterization of the synthetic biology-inspired implementation of a materials-based positive feedback loop. <i>Data in Brief</i> , 2018, 19, 665-677.	0.5	7
13	Engineering bacterial microcompartments with heterologous enzyme cargos. <i>Engineering in Life Sciences</i> , 2017, 17, 36-46.	2.0	38
14	Optogenetically controlled RAF to characterize BRAF and CRAF protein kinase inhibitors. <i>Scientific Reports</i> , 2016, 6, 23713.	1.6	19
15	Upgrading biomaterials with synthetic biological modules for advanced medical applications. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 77-95.	6.6	22
16	Modularized CRISPR/dCas9 Effector Toolkit for Target-Specific Gene Regulation. <i>ACS Synthetic Biology</i> , 2014, 3, 986-989.	1.9	30
17	Optogenetic Control of Protein Kinase Activity in Mammalian Cells. <i>ACS Synthetic Biology</i> , 2014, 3, 280-285.	1.9	85
18	Modular adeno-associated virus (rAAV) vectors used for cellular virus-directed enzyme prodrug therapy. <i>Scientific Reports</i> , 2014, 4, 3759.	1.6	28