

Eric Valois

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5661764/publications.pdf>

Version: 2024-02-01

10
papers

300
citations

1464605

7
h-index

1427216

11
g-index

14
all docs

14
docs citations

14
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	CREST, a Cas13-Based, Rugged, Equitable, Scalable Testing (CREST) for SARS-CoV-2 Detection in Patient Samples. <i>Current Protocols</i> , 2022, 2, e385.	1.3	3
2	Viscoelastic analysis of mussel threads reveals energy dissipative mechanisms. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210828.	1.5	7
3	Comparison of Severe Acute Respiratory Syndrome Coronavirus 2 Screening Using Reverse Transcriptase-Quantitative Polymerase Chain Reaction or CRISPR-Based Assays in Asymptomatic College Students. <i>JAMA Network Open</i> , 2021, 4, e2037129.	2.8	12
4	A Scalable, Easy-to-Deploy Protocol for Cas13-Based Detection of SARS-CoV-2 Genetic Material. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	91
5	An Optogenetic Platform to Dynamically Control the Stiffness of Collagen Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 408-414.	2.6	15
6	Aqueous surface gels as low friction interfaces to mitigate implant-associated inflammation. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6782-6791.	2.9	8
7	Phase-dependent redox insulation in mussel adhesion. <i>Science Advances</i> , 2020, 6, eaaz6486.	4.7	44
8	Universal Approach to Photo-Crosslink Bottlebrush Polymers. <i>Macromolecules</i> , 2020, 53, 1090-1097.	2.2	34
9	The Thiol-Rich Interlayer in the Shell/Core Architecture of Mussel Byssal Threads. <i>Langmuir</i> , 2019, 35, 15985-15991.	1.6	12
10	Impact of Molecular Architecture and Adsorption Density on Adhesion of Mussel-Inspired Surface Primers with Catechol-Cation Synergy. <i>Journal of the American Chemical Society</i> , 2019, 141, 18673-18681.	6.6	40