

Gregory A Weiss

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

536
citations

1170033

9
h-index

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27
all docs

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docs citations

27
times ranked

931
citing authors

#	ARTICLE	IF	CITATIONS
1	Open Source, 3D-Printed TrapGuard to Protect Oil-Sealed Vacuum Pumps from Cold Trap Warming. <i>Journal of Organic Chemistry</i> , 2023, 88, 1215-1218.	1.7	0
2	Single-molecule Taq DNA polymerase dynamics. <i>Science Advances</i> , 2022, 8, eabl3522.	4.7	9
3	Underâ€5â€Minute Immunoblot Assays by Vortex Fluidic Device Acceleration. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	4
4	RÃ¼cktitelbild: Underâ€5â€Minute Immunoblot Assays by Vortex Fluidic Device Acceleration (<i>Angew. Chem.</i>) Tj ETQg0 0 0 rgBT /Overlo	1.6	0
5	Synthesis of a High Affinity Complementary Peptideâ€Polymer Nanoparticle (NP) Pair Using Phage Display. <i>ACS Applied Bio Materials</i> , 2021, 4, 2704-2712.	2.3	4
6	Predicting COVID-19 Severity with a Specific Nucleocapsid Antibody plus Disease Risk Factor Score. <i>MSphere</i> , 2021, 6, .	1.3	23
7	Enhancing the Sensitivity of the Virus BioResistor by Overoxidation: Detecting IgG Antibodies. <i>Analytical Chemistry</i> , 2021, 93, 11259-11267.	3.2	5
8	Viruses Masquerading as Antibodies in Biosensors: The Development of the Virus BioResistor. <i>Accounts of Chemical Research</i> , 2020, 53, 2384-2394.	7.6	8
9	Vortex Fluidic-Mediated Fabrication of Fast Gelated Silica Hydrogels with Embedded Laccase Nanoflowers for Real-Time Biosensing under Flow. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51999-52007.	4.0	30
10	3D-Printed Labware for High-Throughput Immobilization of Enzymes. <i>Journal of Organic Chemistry</i> , 2020, 85, 8480-8488.	1.7	9
11	Photostable and Proteolysis-Resistant FÃ¼rster Resonance Energy Transfer-Based Calcium Biosensor. <i>Analytical Chemistry</i> , 2020, 92, 7683-7689.	3.2	3
12	Pyrocinchonimides Conjugate to Amine Groups on Proteins via Imide Transfer. <i>Bioconjugate Chemistry</i> , 2020, 31, 1449-1462.	1.8	7
13	Virus Bioresistor (VBR) for Detection of Bladder Cancer Marker DJ-1 in Urine at 10 pM in One Minute. <i>Analytical Chemistry</i> , 2020, 92, 6654-6666.	3.2	19
14	Vortex fluidics-mediated DNA rescue from formalin-fixed museum specimens. <i>PLoS ONE</i> , 2020, 15, e0225807.	1.1	12
15	Vortex fluidics-mediated DNA rescue from formalin-fixed museum specimens. , 2020, 15, e0225807.		0
16	Vortex fluidics-mediated DNA rescue from formalin-fixed museum specimens. , 2020, 15, e0225807.		0
17	Electrochemical Quantification of Glycated and Non-glycated Human Serum Albumin in Synthetic Urine. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4757-4765.	4.0	20
18	The Virus Bioresistor: Wiring Virus Particles for the Direct, Label-Free Detection of Target Proteins. <i>Nano Letters</i> , 2018, 18, 3623-3629.	4.5	20

#	ARTICLE	IF	CITATIONS
19	Synthesis and Explosion Hazards of 4-Azido-phenylalanine. Journal of Organic Chemistry, 2018, 83, 4525-4536.	1.7	21
20	Continuous flow biocatalysis. Chemical Society Reviews, 2018, 47, 5891-5918.	18.7	258
21	Vortex Fluidic Chemical Transformations. Chemistry - A European Journal, 2017, 23, 13270-13278.	1.7	78
22	Frontispiece: Vortex Fluidic Chemical Transformations. Chemistry - A European Journal, 2017, 23, .	1.7	0
23	Underâ€”Minute Immunoblot Assays by Vortex Fluidic Device Acceleration. Angewandte Chemie, 0, , .	1.6	1