

Gregory A Weiss

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

536
citations

1040018

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h-index

888047

17
g-index

27
all docs

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docs citations

27
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Open Source, 3D-Printed TrapGuard to Protect Oil-Sealed Vacuum Pumps from Cold Trap Warming. Journal of Organic Chemistry, 2023, 88, 1215-1218.	3.2	0
2	Single-molecule Taq DNA polymerase dynamics. Science Advances, 2022, 8, eabl3522.	10.3	9
3	Underâ€”Minute Immunoblot Assays by Vortex Fluidic Device Acceleration. Angewandte Chemie - International Edition, 2022, , .	13.8	4
4	RÅ¼cktitelbild: Underâ€”Minute Immunoblot Assays by Vortex Fluidic Device Acceleration (Angew. Chem.) Tj ETQ0 0 0 rgBT /Overlo	2.0	6
5	Synthesis of a High Affinity Complementary Peptideâ€”Polymer Nanoparticle (NP) Pair Using Phage Display. ACS Applied Bio Materials, 2021, 4, 2704-2712.	4.6	4
6	Predicting COVID-19 Severity with a Specific Nucleocapsid Antibody plus Disease Risk Factor Score. MSphere, 2021, 6, .	2.9	23
7	Enhancing the Sensitivity of the Virus BioResistor by Overoxidation: Detecting IgG Antibodies. Analytical Chemistry, 2021, 93, 11259-11267.	6.5	5
8	Viruses Masquerading as Antibodies in Biosensors: The Development of the Virus BioResistor. Accounts of Chemical Research, 2020, 53, 2384-2394.	15.6	8
9	Vortex Fluidic-Mediated Fabrication of Fast Gelated Silica Hydrogels with Embedded Laccase Nanoflowers for Real-Time Biosensing under Flow. ACS Applied Materials & Interfaces, 2020, 12, 51999-52007.	8.0	30
10	3D-Printed Labware for High-Throughput Immobilization of Enzymes. Journal of Organic Chemistry, 2020, 85, 8480-8488.	3.2	9
11	Photostable and Proteolysis-Resistant FÅ¼rster Resonance Energy Transfer-Based Calcium Biosensor. Analytical Chemistry, 2020, 92, 7683-7689.	6.5	3
12	Pyrocinchonimides Conjugate to Amine Groups on Proteins via Imide Transfer. Bioconjugate Chemistry, 2020, 31, 1449-1462.	3.6	7
13	Virus Bioresistor (VBR) for Detection of Bladder Cancer Marker DJ-1 in Urine at 10 pM in One Minute. Analytical Chemistry, 2020, 92, 6654-6666.	6.5	19
14	Vortex fluidics-mediated DNA rescue from formalin-fixed museum specimens. PLoS ONE, 2020, 15, e0225807.	2.5	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. ACS Applied Materials & Interfaces, 2019, 11, 4757-4765.	8.0	20
18	The Virus Bioresistor: Wiring Virus Particles for the Direct, Label-Free Detection of Target Proteins. Nano Letters, 2018, 18, 3623-3629.	9.1	20

#	ARTICLE	IF	CITATIONS
19	Synthesis and Explosion Hazards of 4-Azido- <i>L</i> -phenylalanine. Journal of Organic Chemistry, 2018, 83, 4525-4536.	3.2	21
20	Continuous flow biocatalysis. Chemical Society Reviews, 2018, 47, 5891-5918.	38.1	258
21	Vortex Fluidic Chemical Transformations. Chemistry - A European Journal, 2017, 23, 13270-13278.	3.3	78
22	Frontispiece: Vortex Fluidic Chemical Transformations. Chemistry - A European Journal, 2017, 23, .	3.3	0
23	Underâ€¢Minute Immunoblot Assays by Vortex Fluidic Device Acceleration. Angewandte Chemie, 0, , .	2.0	1