

Rotem Vishinkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1340816/publications.pdf>

Version: 2024-02-01

12
papers

916
citations

1039880

9
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1372474

10
g-index

13
all docs

13
docs citations

13
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease Detection with Molecular Biomarkers: From Chemistry of Body Fluids to Nature-Inspired Chemical Sensors. <i>Chemical Reviews</i> , 2019, 119, 11761-11817.	23.0	269
2	Synergy between nanomaterials and volatile organic compounds for non-invasive medical evaluation. <i>Chemical Society Reviews</i> , 2018, 47, 4781-4859.	18.7	205
3	Nanoscale Sensor Technologies for Disease Detection via Volatolomics. <i>Small</i> , 2015, 11, 6142-6164.	5.2	159
4	Measurement of temperature and relative humidity in exhaled breath. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127371.	4.0	112
5	Composites of Polymer and Carbon Nanostructures for Self-Healing Chemical Sensors. <i>Advanced Materials Technologies</i> , 2016, 1, 1600187.	3.0	41
6	Discriminative Power of Chemically Sensitive Silicon Nanowire Field Effect Transistors to Volatile Organic Compounds. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11172-11183.	4.0	40
7	Profiles of Volatile Biomarkers Detect Tuberculosis from Skin. <i>Advanced Science</i> , 2021, 8, e2100235.	5.6	31
8	Programmed Nanoparticles for Tailoring the Detection of Inflammatory Bowel Diseases and Irritable Bowel Syndrome Disease via Breathprint. <i>Advanced Healthcare Materials</i> , 2016, 5, 2339-2344.	3.9	24
9	Biointerfaced sensors for biodiagnostics. <i>View</i> , 2021, 2, 20200172.	2.7	24
10	Time-Resolved and Self-Adjusting Hybrid Functional Fabric Sensor for Decoupling Multiple Stimuli from Bending. <i>Advanced Materials Technologies</i> , 2019, 4, 1900290.	3.0	7
11	Artificially intelligent nanoarrays for disease detection via volatolomics. , 2015, , .		2
12	Sensor systems. , 2020, , 201-220.		2