

Marinus Huber

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

483
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933410

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23
all docs

23
docs citations

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times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of person-specific blood-based infrared molecular fingerprints opens up prospects for health monitoring. Nature Communications, 2021, 12, 1511.	12.8	35
2	Molecular Origin of Blood-Based Infrared Spectroscopic Fingerprints**. Angewandte Chemie, 2021, 133, 17197-17206.	2.0	0
3	Molecular Origin of Blood-Based Infrared Spectroscopic Fingerprints**. Angewandte Chemie - International Edition, 2021, 60, 17060-17069.	13.8	13
4	Ultra-rapid electro-optic sampling of octave-spanning mid-infrared waveforms. Optics Express, 2021, 29, 20747.	3.4	13
5	Innen-Äktitelbild: Molecular Origin of Blood-Based Infrared Spectroscopic Fingerprints (Angew.) Tj ETQq1 1 0.784314 rgBT /Overlo	2.0	0
6	Infrared molecular fingerprinting of blood-based liquid biopsies for the detection of cancer. ELife, 2021, 10, .	6.0	12
7	Breast-cancer detection using blood-based infrared molecular fingerprints. BMC Cancer, 2021, 21, 1287.	2.6	9
8	Field-resolved infrared spectroscopy of biological systems. Nature, 2020, 577, 52-59.	27.8	170
9	Optimum Sample Thickness for Trace Analyte Detection with Field-Resolved Infrared Spectroscopy. Analytical Chemistry, 2020, 92, 7508-7514.	6.5	9
10	Mid-infrared waveform measurement by rapid mechanical scanning. EPJ Web of Conferences, 2020, 243, 16002.	0.3	1
11	On the Role of the Phase in Field-Resolved Spectroscopy of Molecular Vibrations. , 2019, , .		0
12	Quantum-Efficiency and Bandwidth Optimized Electro-Optic Sampling. , 2019, , .		5
13	Field-Resolved Infrared Spectroscopy of Human Blood to Tackle Lung, Prostate and Breast Cancer Detection. , 2019, , .		1
14	Broadband dispersive Ge/YbF3 mirrors for mid-infrared spectral range. Optics Letters, 2019, 44, 5210.	3.3	9
15	Laser-Activated Self-Assembled Thermoplasmonic Nanocavity Substrates for Intracellular Delivery. ACS Applied Bio Materials, 2018, 1, 1793-1799.	4.6	13
16	A comparison of inverted and upright laser-activated titanium nitride micropylramids for intracellular delivery. Scientific Reports, 2018, 8, 15595.	3.3	10
17	Intracellular Delivery Using Nanosecond-Laser Excitation of Large-Area Plasmonic Substrates. ACS Nano, 2017, 11, 3671-3680.	14.6	63
18	Analysis of poration-induced changes in cells from laser-activated plasmonic substrates. Biomedical Optics Express, 2017, 8, 4756.	2.9	16

#	ARTICLE	IF	CITATIONS
19	Active intensity noise suppression for a broadband mid-infrared laser source. Optics Express, 2017, 25, 22499.	3.4	15
20	DNA-Based Self-Assembly of Fluorescent Nanodiamonds. Journal of the American Chemical Society, 2015, 137, 9776-9779.	13.7	66
21	Plasmonic Tipless Pyramid Arrays for Cell Poration. Nano Letters, 2015, 15, 4461-4466.	9.1	23