

Martin KÄgler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8212610/publications.pdf>

Version: 2024-02-01

9
papers

309
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence suppression in Raman spectroscopy using a time-gated CMOS SPAD. Optics Express, 2013, 21, 31632.	3.4	127
2	Time-gated Raman spectroscopy – a review. Measurement Science and Technology, 2020, 32, 012002.	2.6	46
3	Bare laser-synthesized Au-based nanoparticles as nondisturbing surface-enhanced Raman scattering probes for bacteria identification. Journal of Biophotonics, 2018, 11, e201700225.	2.3	42
4	Characteristics of Hot Water Extracts from the Bark of Cultivated Willow (<i>Salix</i> sp.). ACS Sustainable Chemistry and Engineering, 2018, 6, 5566-5573.	6.7	37
5	Assessment of recombinant protein production in <i>E. coli</i> with Time-Gated Surface Enhanced Raman Spectroscopy (TG-SERS). Scientific Reports, 2020, 10, 2472.	3.3	19
6	Time-gated Raman spectroscopy and proteomics analyses of hypoxic and normoxic renal carcinoma extracellular vesicles. Scientific Reports, 2021, 11, 19594.	3.3	16
7	Comparison of time-gated surface-enhanced raman spectroscopy (TG-SERS) and classical SERS based monitoring of <i>Escherichia coli</i> cultivation samples. Biotechnology Progress, 2018, 34, 1533-1542.	2.6	10
8	Stability optimization of microbial surface-enhanced Raman spectroscopy detection with immunomagnetic separation beads. Optical Engineering, 2017, 56, 037102.	1.0	8
9	Vibrational spectroscopy and its future applications in microbiology. Applied Spectroscopy Reviews, 2023, 58, 132-158.	6.7	4