

Martin KÄgler

List of Publications by Year in descending order

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9
papers

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1163117
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9
times ranked

446
citing authors

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