

Andreas Kummrow

List of Publications by Year in descending order

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17
papers

497
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

627
citing authors

#	ARTICLE	IF	CITATIONS
1	Shedding Light on Excited-State Structures by Theoretical Analysis of Femtosecond Transient Infrared Spectra: Intramolecular Charge Transfer in 4-(Dimethylamino)benzonitrile. <i>Journal of the American Chemical Society</i> , 2000, 122, 2577-2585.	13.7	97
2	Ultrafast Librational Dynamics of the Hydrated Electron. <i>Physical Review Letters</i> , 1998, 80, 4645-4648.	7.8	89
3	Femtosecond mid-infrared spectroscopy of condensed phase hydrogen-bonded systems as a probe of structural dynamics. <i>Faraday Discussions</i> , 2003, 122, 27-40.	3.2	87
4	Microflow Cytometers with Integrated Hydrodynamic Focusing. <i>Sensors</i> , 2013, 13, 4674-4693.	3.8	38
5	Specific binding of magnetic nanoparticle probes to platelets in whole blood detected by magnetorelaxometry. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1617-1620.	2.3	35
6	RNA reference materials with defined viral RNA loads of SARS-CoV-2: A useful tool towards a better PCR assay harmonization. <i>PLoS ONE</i> , 2022, 17, e0262656.	2.5	29
7	A microflow cytometer exploited for the immunological differentiation of leukocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 613-624.	1.5	26
8	Ultrafast Charge Transfer Studied by Femtosecond IR Spectroscopy and ab Initio Calculations. <i>Journal of the Chinese Chemical Society</i> , 2000, 47, 721-728.	1.4	20
9	An assessment of the reproducibility of reverse transcription digital PCR quantification of HIV-1. <i>Methods</i> , 2022, 201, 34-40.	3.8	14
10	Optically bistable thin film devices using wide-gap VI compounds. <i>Journal of Crystal Growth</i> , 1990, 101, 695-698.	1.5	13
11	Comparison of Volumetric and Bead-Based Counting of CD34 Cells by Single-Platform Flow Cytometry. <i>Cytometry Part B - Clinical Cytometry</i> , 2019, 96, 508-513.	1.5	13
12	Cellular Metrology: Scoping for a Value Proposition in Extra- and Intracellular Measurements. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 456.	4.1	10
13	Bistable Switching Elements Prepared By Thermal Evaporation. , 1989, , .		6
14	The performance of human cytomegalovirus digital PCR reference measurement procedure in seven external quality assessment schemes over four years. <i>Methods</i> , 2022, 201, 65-73.	3.8	6
15	Reference measurement procedures for the accurate determination of cell concentrations: present status and future developments/Referenzmessverfahren für die genaue Bestimmung von Zellkonzentrationen: Status und zukünftige Entwicklungen. <i>Laboratoriums Medizin</i> , 2012, 36, .	0.6	5
16	Study of β -carotene by time and wavenumber domain coherent anti-stokes Raman scattering techniques. <i>Journal of Raman Spectroscopy</i> , 1995, 26, 457-465.	2.5	4
17	Resonance Raman and optical dephasing study of tricarbocyanine dyes. <i>Journal of Raman Spectroscopy</i> , 1997, 28, 537-546.	2.5	3