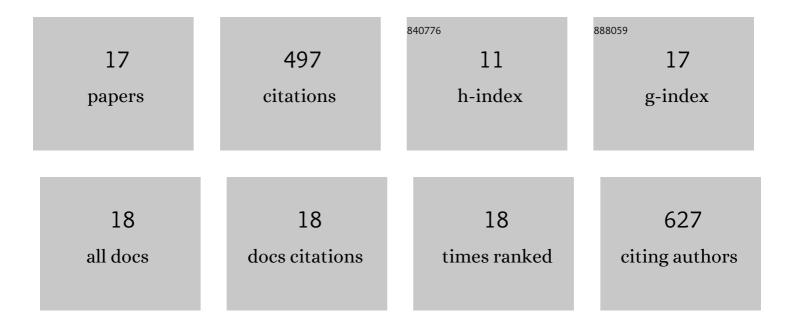
Andreas Kummrow

List of Publications by Year in descending order

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#	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. Journal of the American Chemical Society, 2000, 122, 2577-2585.	13.7	97
2	Ultrafast Librational Dynamics of the Hydrated Electron. Physical Review Letters, 1998, 80, 4645-4648.	7.8	89
3	Femtosecond mid-infrared spectroscopy of condensed phase hydrogen-bonded systems as a probe of structural dynamics. Faraday Discussions, 2003, 122, 27-40.	3.2	87
4	Microflow Cytometers with Integrated Hydrodynamic Focusing. Sensors, 2013, 13, 4674-4693.	3.8	38
5	Specific binding of magnetic nanoparticle probes to platelets in whole blood detected by magnetorelaxometry. Journal of Magnetism and Magnetic Materials, 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. PLoS ONE, 2022, 17, e0262656.	2.5	29
7	A microflow cytometer exploited for the immunological differentiation of leukocytes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 613-624.	1.5	26
8	Ultrafast Charge Transfer Studied by Femtosecond IRâ€&pectroscopy and ab Initio Calculations. Journal of the Chinese Chemical Society, 2000, 47, 721-728.	1.4	20
9	An assessment of the reproducibility of reverse transcription digital PCR quantification of HIV-1. Methods, 2022, 201, 34-40.	3.8	14
10	Optically bistable thin film devices using wide-gap Il–VI compounds. Journal of Crystal Growth, 1990, 101, 695-698.	1.5	13
11	Comparison of Volumetric and Beadâ€Based Counting of CD34 Cells by Singleâ€Platform Flow Cytometry. Cytometry Part B - Clinical Cytometry, 2019, 96, 508-513.	1.5	13
12	Cellular Metrology: Scoping for a Value Proposition in Extra- and Intracellular Measurements. Frontiers in Bioengineering and Biotechnology, 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. Methods, 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. Laboratoriums Medizin, 2012, 36, .	0.6	5
16	Study of β-carotene by time and wavenumber domain coherent anti-stokes Raman scattering techniques. Journal of Raman Spectroscopy, 1995, 26, 457-465.	2.5	4
17	Resonance Raman and optical dephasing study of tricarbocyanine dyes. Journal of Raman Spectroscopy, 1997, 28, 537-546.	2.5	3