

Thomas A Reichardt

List of Publications by Year in descending order

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16
papers

283
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical calculation of line shapes and saturation effects in polarization spectroscopy. Journal of Chemical Physics, 1998, 109, 5830-5843.	3.0	55
2	Effect of Doppler broadening on quantitative concentration measurements with degenerate four-wave mixing spectroscopy. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 1107.	2.1	26
3	Collisional dependence of polarization spectroscopy with a picosecond laser. Journal of Chemical Physics, 2000, 113, 2263-2269.	3.0	25
4	Experimental investigation of saturated degenerate four-wave mixing for quantitative concentration measurements. Applied Optics, 1999, 38, 6951.	2.1	22
5	Experimental investigation of saturated polarization spectroscopy for quantitative concentration measurements. Applied Optics, 2000, 39, 2002.	2.1	21
6	Resonant degenerate four-wave mixing spectroscopy of transitions with degenerate energy levels: Saturation and polarization effects. Journal of Chemical Physics, 1999, 111, 10008-10020.	3.0	19
7	Polarization spectroscopy using short-pulse lasers: Theoretical analysis. Journal of Chemical Physics, 2002, 116, 571-580.	3.0	19
8	Degenerate four-wave mixing spectroscopy with short-pulse lasers: theoretical analysis. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 2807.	2.1	17
9	Spectroradiometric Monitoring of Nannochloropsis salina Growth. Algal Research, 2012, 1, 22-31.	4.6	16
10	Theoretical investigation of the forward phase-matched geometry for degenerate four-wave mixing spectroscopy. Journal of the Optical Society of America B: Optical Physics, 1998, 15, 2566.	2.1	14
11	Multi-axial-mode laser effects in polarization spectroscopy. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 1781.	2.1	13
12	Interaction of closely spaced resonances in degenerate four-wave-mixing spectroscopy. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 2449.	2.1	11
13	Calculation of radiative transition rates for polarized laser radiation. Progress in Energy and Combustion Science, 2003, 29, 115-137.	31.2	9
14	Spectroradiometric monitoring for open outdoor culturing of algae and cyanobacteria. Applied Optics, 2014, 53, F31.	1.8	8
15	Spectroradiometric detection of competitor diatoms and the grazer Poteriochromonas in algal cultures. Algal Research, 2020, 51, 102020.	4.6	8
16	Spectroradiometric Monitoring of Open Algal Cultures. , 2013, , .		0