

Thomas A Reichardt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11710718/publications.pdf>

Version: 2024-02-01

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