Erko Jalviste

List of Publications by Year
in descending order

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23	364	1040056	794594
papers	citations	9	19
		h-index	g-index

23	23	23	320
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	M² factor of conically refracted Gaussian beams. Journal of Modern Optics, 2022, 69, 24-33.	1.3	2
2	High-pressure tuning of primary photochemistry in bacterial photosynthesis: membrane-bound versus detergent-isolated reaction centers. Photosynthesis Research, 2020, 144, 209-220.	2.9	4
3	High-Pressure Modulation of Primary Photosynthetic Reactions. Journal of Physical Chemistry B, 2020, 124, 718-726.	2.6	2
4	Conically refracted Gaussian beam transformed by a lens. Journal of Modern Optics, 2020, 67, 252-260.	1.3	3
5	Vortex light beams in a degenerate two-crystal cascade conical refraction. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Over	2.2	5
6	Interplay of vortex and non-vortex beam components in a variable two-crystal cascade conical refraction. Optics Letters, 2018, 43, 4566.	3.3	3
7	Dimerization of core complexes as an efficient strategy for energy trapping in Rhodobacter sphaeroides. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 634-642.	1.0	14
8	Efficiency of light harvesting in a photosynthetic bacterium adapted to different levels of light. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 1835-1846.	1.0	21
9	Diffraction loss analysis of a plane-parallel optical cavity with a phase step and a slit aperture. Optics and Laser Technology, 2012, 44, 1007-1018.	4.6	0
10	Dispersed Fluorescence Spectra of 1H- and 1D-Indazole. Zeitschrift Fur Physikalische Chemie, 2011, 225, 1457-1469.	2.8	1
11	Analytical Solution for Voltage-Step Response of Lossy Distributed RC Lines. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 449-457.	4.6	6
12	Operation of pulsed dye laser with an intracavity phase step. Optics and Laser Technology, 2009, 41, 945-948.	4.6	1
13	Electronic Spectra of Hydrogen-Bonded Self and Water Complexes of Indazole. Zeitschrift Fur Physikalische Chemie, 2008, 222, 695-714.	2.8	1
14	Theoretical foundation of electroabsorption spectroscopy: Self-contained derivation of the basic equations with the direction cosine method and the Euler angle method. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2007, 8, 30-46.	11.6	53
15	<title>Electric field induced reorientation of polar molecules in a poly(methy1 methacrylate) film studied by electroabsorption spectroscopy</title>. , 2005, , .		0
16	Stark absorption spectroscopy of indole and 3-methylindole. Journal of Chemical Physics, 2004, 121, 4730-4739.	3.0	48
17	Rotational analysis of the origin and the inversion bands of the S1â†S0 spectrum of acetaldehyde. Journal of Chemical Physics, 2001, 114, 8316-8327.	3.0	4
18	Vibronic spectroscopy of jet-cooled indazole: S1â†"S0 spectra and mode assignments. Journal of Chemical Physics, 1999, 111, 3898-3910.	3.0	9

#	Article	IF	Citations
19	Lifetime Measurements of the Collision-Free Slow Fluorescence from Glyoxal S1/T1Gateway Levels in a Beam. Journal of Physical Chemistry A, 1998, 102, 10620-10629.	2.5	4
20	Internal rotation effects in the rotationally resolved S1(1Lb) â†S0 origin bands of 3-methylindole and 5-methylindole. Journal of Chemical Physics, 1998, 108, 8436-8445.	3.0	20
21	Rotationally resolved ultraviolet spectroscopy of indole, indazole, and benzimidazole: Inertial axis reorientation in the S1(1Lb)â†S0 transitions. Journal of Chemical Physics, 1995, 103, 9596-9606.	3.0	105
22	Rotationally resolved UV spectroscopy of the 2H-tautomer of benzotriazole in a molecular beam. Chemical Physics Letters, 1994, 226, 305-309.	2.6	24
23	Spectroscopy of jet-cooled benzimidazole and benzotriazole. Chemical Physics, 1993, 172, 325-338.	1.9	34