

Erko Jalviste

List of Publications by Year in descending order

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23
papers

364
citations

1040056

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h-index

794594

19
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23
all docs

23
docs citations

23
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Rotationally resolved ultraviolet spectroscopy of indole, indazole, and benzimidazole: Inertial axis reorientation in the S ₁ (1Lb) $\hat{\rightarrow}$ S ₀ transitions. <i>Journal of Chemical Physics</i> , 1995, 103, 9596-9606.	3.0	105
2	Theoretical foundation of electroabsorption spectroscopy: Self-contained derivation of the basic equations with the direction cosine method and the Euler angle method. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2007, 8, 30-46.	11.6	53
3	Stark absorption spectroscopy of indole and 3-methylindole. <i>Journal of Chemical Physics</i> , 2004, 121, 4730-4739.	3.0	48
4	Spectroscopy of jet-cooled benzimidazole and benzotriazole. <i>Chemical Physics</i> , 1993, 172, 325-338.	1.9	34
5	Rotationally resolved UV spectroscopy of the 2H-tautomer of benzotriazole in a molecular beam. <i>Chemical Physics Letters</i> , 1994, 226, 305-309.	2.6	24
6	Efficiency of light harvesting in a photosynthetic bacterium adapted to different levels of light. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1835-1846.	1.0	21
7	Internal rotation effects in the rotationally resolved S ₁ (1Lb) $\hat{\rightarrow}$ S ₀ origin bands of 3-methylindole and 5-methylindole. <i>Journal of Chemical Physics</i> , 1998, 108, 8436-8445.	3.0	20
8	Dimerization of core complexes as an efficient strategy for energy trapping in <i>Rhodospira rubra</i> sphaeroides. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 634-642.	1.0	14
9	Vibronic spectroscopy of jet-cooled indazole: S ₁ $\hat{\rightarrow}$ S ₀ spectra and mode assignments. <i>Journal of Chemical Physics</i> , 1999, 111, 3898-3910.	3.0	9
10	Analytical Solution for Voltage-Step Response of Lossy Distributed RC Lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2009, 57, 449-457.	4.6	6
11	Vortex light beams in a degenerate two-crystal cascade conical refraction. <i>Journal of Optics (United Kingdom)</i> 11, 074314 (2010). doi:10.1088/1464-4266/11/7/074314	0.78	14
12	Lifetime Measurements of the Collision-Free Slow Fluorescence from Glyoxal S ₁ /T ₁ Gateway Levels in a Beam. <i>Journal of Physical Chemistry A</i> , 1998, 102, 10620-10629.	2.5	4
13	Rotational analysis of the origin and the inversion bands of the S ₁ $\hat{\rightarrow}$ S ₀ spectrum of acetaldehyde. <i>Journal of Chemical Physics</i> , 2001, 114, 8316-8327.	3.0	4
14	High-pressure tuning of primary photochemistry in bacterial photosynthesis: membrane-bound versus detergent-isolated reaction centers. <i>Photosynthesis Research</i> , 2020, 144, 209-220.	2.9	4
15	Conically refracted Gaussian beam transformed by a lens. <i>Journal of Modern Optics</i> , 2020, 67, 252-260.	1.3	3
16	Interplay of vortex and non-vortex beam components in a variable two-crystal cascade conical refraction. <i>Optics Letters</i> , 2018, 43, 4566.	3.3	3
17	High-Pressure Modulation of Primary Photosynthetic Reactions. <i>Journal of Physical Chemistry B</i> , 2020, 124, 718-726.	2.6	2
18	M ² factor of conically refracted Gaussian beams. <i>Journal of Modern Optics</i> , 2022, 69, 24-33.	1.3	2

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19	Electronic Spectra of Hydrogen-Bonded Self and Water Complexes of Indazole. Zeitschrift Fur Physikalische Chemie, 2008, 222, 695-714.	2.8	1
20	Operation of pulsed dye laser with an intracavity phase step. Optics and Laser Technology, 2009, 41, 945-948.	4.6	1
21	Dispersed Fluorescence Spectra of 1H- and 1D-Indazole. Zeitschrift Fur Physikalische Chemie, 2011, 225, 1457-1469.	2.8	1
22	<title>Electric field induced reorientation of polar molecules in a poly(methyl methacrylate) film studied by electroabsorption spectroscopy</title>. , 2005, , .		0
23	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