

Benedykt Kukliński

List of Publications by Year in descending order

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67
papers

1,156
citations

361413

20
h-index

414414

32
g-index

67
all docs

67
docs citations

67
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-resolved streak camera system with solid state laser and optical parametric generator in different spectroscopic applications. <i>Optics Communications</i> , 2006, 263, 275-280.	2.1	118
2	Estimation of ground- and excited-state dipole moments of Nile Red dye from solvatochromic effect on absorption and fluorescence spectra. <i>Chemical Physics Letters</i> , 2008, 463, 410-412.	2.6	96
3	Fluorescent dimers of rhodamine 6G in concentrated ethylene glycol solution. <i>Chemical Physics</i> , 1996, 210, 485-499.	1.9	81
4	Dipole moment of aniline in the excited S1 state from thermochromic effect on electronic spectra. <i>Chemical Physics Letters</i> , 2005, 415, 251-255.	2.6	50
5	Unusual absorption and fluorescence properties of 1,6-diphenyl-1,3,5-hexatriene in poly(vinyl alcohol) film. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1993, 71, 161-167.	3.9	48
6	Photophysical properties and thermochromic shifts of electronic spectra of Nile Red in selected solvents. Excited states dipole moments. <i>Chemical Physics</i> , 2009, 359, 58-64.	1.9	44
7	Enhancement of the Eu ³⁺ luminescence in Li ₂ B ₄ O ₇ glasses co-doped with Eu and Ag. <i>Journal of Luminescence</i> , 2018, 204, 122-129.	3.1	41
8	Spectroscopic properties of the Ce-doped borate glasses. <i>Optical Materials</i> , 2016, 59, 20-27.	3.6	38
9	Isomerization of Diphenyl Polyenes. Part VIII. Absorption and Fluorescence Properties of 1-Phenyl-4-diphenylthiophosphinyl Butadiene in Poly (vinyl alcohol) Film. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1994, 49, 824-828.	1.5	37
10	Thermochromic Absorption, Fluorescence Band Shifts and Dipole Moments of BADAN and ACRYLODAN. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2002, 57, 716-722.	1.5	36
11	Synthesis and luminescence characteristics of Dy ³⁺ ions in silica xerogels doped with Ln ²⁺ xDyx(WO ₄) ₃ . <i>Optical Materials</i> , 2013, 35, 456-461.	3.6	32
12	Effect of silver co-doping on enhancement of the Sm ³⁺ luminescence in lithium tetraborate glass. <i>Journal of Luminescence</i> , 2019, 213, 290-296.	3.1	28
13	Thermochromic Shifts of Absorption and Fluorescence Spectra and Excited State Dipole Moment of PRODAN. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2000, 55, 550-554.	1.5	27
14	Excited state dipole moments of 4-(dimethylamino)benzaldehyde. <i>Chemical Physics Letters</i> , 2007, 448, 208-212.	2.6	27
15	Ground and Excited State Dipole Moments of LAURDAN Determined from Solvatochromic and Thermochromic Shifts of Absorption and Fluorescence Spectra. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2000, 55, 817-822.	1.5	26
16	Sol-gel glasses with enhanced luminescence of laser dye Rhodamine B due to plasmonic coupling by copper nanoparticles. <i>Optical Materials</i> , 2014, 36, 1611-1615.	3.6	26
17	Influence of high pressure on Sr ₂ SiO ₄ :Eu ²⁺ luminescence. <i>Optical Materials</i> , 2012, 34, 2095-2100.	3.6	25
18	Temperature influence on dual fluorescence of 4-(dimethylamino)benzaldehyde in 1,2-dichloroethane and ethyl acetate. <i>Chemical Physics Letters</i> , 2008, 455, 52-54.	2.6	23

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19	Cr-related centers in Gd ₃ Ga ₅ O ₁₂ polycrystals. <i>Journal of Luminescence</i> , 2009, 129, 312-316.	3.1	23
20	Spectroscopic manifestations of flavomononucleotide dimers in polyvinyl alcohol films. <i>BBA - Proteins and Proteomics</i> , 1998, 1384, 253-267.	2.1	21
21	Dipole moment of benzonitrile in its excited S ₁ state from thermochromic shifts of fluorescence spectra. <i>Chemical Physics Letters</i> , 2006, 419, 309-312.	2.6	21
22	Excited state dipole moments of N,N-dimethylaniline from thermochromic effect on electronic absorption and fluorescence spectra. <i>Chemical Physics</i> , 2006, 320, 188-192.	1.9	20
23	Luminescent GeO ₂ -Pb-Bi ₂ O ₃ glasses co-doped with Tb ³⁺ and Eu ³⁺ : Excitation energy transfer and color chromaticity. <i>Optical Materials</i> , 2014, 36, 633-638.	3.6	18
24	High pressure spectroscopy of Pr ³⁺ in LiNbO ₃ . <i>Journal of Alloys and Compounds</i> , 2004, 380, 230-234.	5.5	15
25	Spectroscopic properties and location of the Tb ³⁺ and Eu ³⁺ energy levels in Y ₂ O ₃ S under high hydrostatic pressure. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22266-22275.	2.8	15
26	Optical spectroscopy of the Er-doped glasses with 3CaO-Ga ₂ O ₃ -3GeO ₂ composition. <i>Optical Materials</i> , 2006, 28, 157-161.	3.6	14
27	White emitting phosphors based on glasses of the type 10AlF ₃ -10TiO ₂ -39PbO-30H ₃ BO ₃ -10SiO ₂ -xEu ₂ O ₃ -(1-x)Tb ₂ O ₃ : An energy transfer study. <i>Journal of Luminescence</i> , 2015, 166, 54-59.		14
28	Excited S ₁ state dipole moments of nitrobenzene and p-nitroaniline from thermochromic effect on electronic absorption spectra. <i>Chemical Physics</i> , 2006, 330, 307-312.	1.9	13
29	Pressure and temperature dependence of the emission in BaF ₂ :Eu and SrF ₂ :Eu. <i>Journal of Luminescence</i> , 2008, 128, 715-717.	3.1	13
30	Optical properties and luminescence kinetics of Ln _{1.9} Pr _{0.1} (WO ₄) ₃ (where Ln=Gd, La) immobilized in silica xerogel. <i>Optical Materials</i> , 2011, 34, 103-108.	3.6	13
31	Spectroscopy of lanthanum lutetium gallium garnet crystals doped with chromium. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2003, 20, 577.	2.1	12
32	Nature of intrinsic luminescence in the glasses of CaO-Ga ₂ O ₃ -GeO ₂ system. <i>Radiation Measurements</i> , 2004, 38, 593-597.	1.4	12
33	Title is missing!. <i>Ukrainian Journal of Physical Optics</i> , 2006, 7, 1-10.	13.0	12
34	Title is missing!. <i>Journal of Fluorescence</i> , 1999, 9, 391-396.	2.5	10
35	Electronically excited dipole moment of 4-aminobenzonitrile from thermochromic absorption and fluorescence measurements. <i>Chemical Physics Letters</i> , 2006, 425, 257-261.	2.6	10
36	Characterization of various Eu ²⁺ sites in Ca ₂ SiO ₄ :Eu ²⁺ and Ba ₂ SiO ₄ :Eu ²⁺ by high-pressure spectroscopy. <i>Materials Science-Poland</i> , 2011, 29, 272-277.	1.0	10

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37	Fluorescence intensification of Rhodamine 6G in Zirconia-Glymo glasses. <i>Optical Materials</i> , 2012, 34, 2021-2024.	3.6	9
38	High-pressure luminescence spectroscopy of EuAl ₂ O ₄ phosphor. <i>Radiation Measurements</i> , 2007, 42, 652-656.	1.4	8
39	The Influence of Reverse Nonradiative Excitation Energy Transfer on the Fluorescence Spectra of Two-component Fluorescent Solutions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1994, 49, 931-935.	1.5	7
40	Tb ³⁺ ions in presence of ZnS:Mn ²⁺ nanocrystals immobilized on silica: Energy transfer ZnS:Tb ³⁺ and coordination state of Mn ²⁺ ions. <i>Journal of Luminescence</i> , 2009, 129, 246-250.	3.1	7
41	The influence of the heat treatment on luminescence and EPR spectra of mixed Na _x K _{1-x} Cl single crystals. <i>Radiation Measurements</i> , 2001, 33, 773-777.	1.4	5
42	6d ¹⁵ f ¹ →5f ² transitions in U ⁴⁺ in Cs ₂ NaYCl ₆ . <i>Optical Materials</i> , 2009, 31, 514-517.	3.6	5
43	Isomerization of Diphenyl Polyenes. Part V. The Origin of Fluorescence of 1,6-Diphenyl-1,3,5-hexatriene in Poly (vinyl alcohol) Films. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1993, 48, 861-867.	1.5	4
44	Tb ³⁺ ions in the presence of ZnS:Mn ²⁺ nanocrystals incorporated into silica: Tb ³⁺ and Mn ²⁺ luminescence kinetics. <i>Optical Materials</i> , 2008, 30, 719-721.	3.6	4
45	Dopant Concentration Induced Optical Changes in Ca,Eu- $\hat{\pm}$ -Sialon. <i>Crystals</i> , 2017, 7, 342.	2.2	4
46	The Local Temperature Dependence of Fluorescent Centres in PVA Films on the Excitation Wavenumber. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2000, 55, 653-655.	1.5	3
47	Influence Of The Irradiation Time On The Absorption And Emission Spectra Of P-Cyano-N,N-Dialkylanilines In Polar Solvents. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2003, 58, 411-418.	1.5	3
48	Photoluminescence of LLGG:Cr ³⁺ crystals under high pressure. <i>Radiation Measurements</i> , 2004, 38, 579-584.	1.4	3
49	High pressure investigation of the LLGG:Cr ³⁺ crystals after heat treatment. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 180-183.	0.8	3
50	Excited state absorption and up-conversion luminescence of Ho ³⁺ centres in 3CaO·Ga ₂ O ₃ ·3GeO ₂ glass. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1338-1341.	3.1	3
51	Up-conversion white emission and other luminescence properties of a YAG:Yb ₂ O ₃ :Tm ₂ O ₃ :Ho ₂ O ₃ @SiO ₂ glass-nanocomposite. <i>RSC Advances</i> , 2018, 8, 11006-11013.		
52	Isomerization of Diphenyl Polyenes. Part III. Absorption and Fluorescence Properties of 1,4-Diphenyl-1,3-butadiene in Poly(vinyl alcohol) Film. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1992, 47, 1204-1210.	1.5	2
53	Isomerization of Diphenyl Polyenes. Part IV. Evidence for Two Luminescent Conformers of 1,4-Diphenyl-1,3-butadiene in Poly(vinyl alcohol) Films. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1993, 48, 759-764.	1.5	2
54	Isomerization of Diphenyl Polyenes. Part VI. Properties of 1,8-Diphenyl-1,3,5,7-octatetraene Fluorescence in Poly (vinyl alcohol) and other Polymer Films. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1993, 48, 947-954.	1.5	2

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55	Isomerization of Diphenyl Polyenes. Part VII. The effect of Daylight and Direct Irradiation on the Photoisomerization of Ph-(CH = CH) _n -Ph for n = 2, 3, 4 in Poly(vinyl alcohol) Films. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1993, 48, 1177-1181.	1.5	2
56	Can Twisted Internal Charge-Transfer(TICT)State be Formed in Rigid Polymers?. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1995, 50, 949-952.	1.5	2
57	Investigations on a Universal Relationship Between Optical Emission and Absorption of Complex Molecules in Liquid Solutions. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1999, 54, 465-469.	1.5	2
58	Isomerization of Diphenyl Polyenes. Part II. Fluorescence Properties of 1,8-Diphenyl-1,3>5,7-octatetraene in Poly (vinyl alcohol) Film. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1992, 47, 1017-1022.	1.5	1
59	Photoluminescence Properties of transâ€“4,4'â€“Diaminoâ€“stilbene in Poly(vinyl alcohol) Films. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1996, 51, 1153-1156.	1.5	1
60	Excitation Wavelength Dependence of ACRYLODAN Fluorescence Spectra in Some Polar Solvents. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2002, 57, 94-97.	1.5	1
61	High Pressure Luminescence of Cr-Related Centers in (3CaO-Ga ₂ O ₃ -3GeO ₂) Glasses. High Pressure Research, 2002, 22, 47-52.	1.2	1
62	Unusual Absorption and Fluorescence Properties of p-Substituted Stilbenes in Poly (vinyl alcohol) Films. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1995, 50, 1170-1174.	1.5	0
63	Absorption and Fluorescence Properties of p-Substituted Stilbenes in Poly (vinyl chloride) Film. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1995, 50, 1175-1178.	1.5	0
64	Photoacoustic characterization of YGG and YAG doped with Cr and Ca. , 1999, , .		0
65	Investigation of a copper-doped sol-gel glass for laser applications. , 2001, , .		0
66	Growth, structure, and spectroscopic characterization of the Mn-doped GaN thin films. , 2001, , .		0
67	Emission Anisotropy of p-Cyano-N,N-Dialkylanilines in Poly(vinyl alcohol) Film. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2003, 58, 194-196.	1.5	0