

Andrzej Danel

List of Publications by Year in descending order

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201674

27
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125
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125
docs citations

125
times ranked

1661
citing authors

#	ARTICLE	IF	CITATIONS
1	Dipyrazolopyridine derivatives as bright blue electroluminescent materials. <i>Applied Physics Letters</i> , 2000, 77, 933.	3.3	98
2	Organic Light-Emitting Diodes Based on Variously Substituted Pyrazoloquinolines as Emitting Material. <i>Chemistry of Materials</i> , 2001, 13, 1207-1212.	6.7	89
3	Sharp green electroluminescence from 1H-pyrazolo[3,4-b]quinoline-based light-emitting diodes. <i>Applied Physics Letters</i> , 2000, 77, 1575-1577.	3.3	82
4	Blue electroluminescence of novel pyrazoloquinoline and bispyrazolopyridine derivatives in doped polymer matrices. <i>Journal of Materials Chemistry</i> , 1997, 7, 2323-2325.	6.7	78
5	Organic Light-Emitting Diodes Based on 2-(Stilben-4-yl)benzoxazole Derivatives: An Implication on the Emission Mechanism. <i>Chemistry of Materials</i> , 2001, 13, 2441-2446.	6.7	77
6	Electroluminescence of 6-R-1,3-diphenyl-1H-pyrazolo[3,4-b]quinoline-based organic light-emitting diodes (R=F, Br, Cl, CH ₃ , C ₂ H ₃ and N(C ₆ H ₅) ₂). <i>Materials Letters</i> , 2007, 61, 3292-3295.	2.6	72
7	The efficient blue photoluminescence of pyrazolo-[3,4-b]-quinoline derivatives and the energy transfer in polymer matrices. <i>Journal of Luminescence</i> , 2000, 86, 1-14.	3.1	68
8	Blue Light-Emitting Diodes Based on Dipyrazolopyridine Derivatives. <i>Chemistry of Materials</i> , 2000, 12, 2788-2793.	6.7	67
9	1,3-Diphenyl-1H-pyrazolo[3,4-b]quinoline: A Versatile Fluorophore for the Design of Brightly Emissive Molecular Sensors. <i>Organic Letters</i> , 2002, 4, 4647-4650.	4.6	59
10	Optical poling of oligoether acrylate photopolymers doped by stilbene-benzoate derivative chromophores. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 231-239.	1.8	58
11	Electroluminescence from novel pyrazole-based polymer systems. <i>Journal of Materials Chemistry</i> , 1999, 9, 339-342.	6.7	56
12	Emissive Properties and Intramolecular Charge Transfer of Pyrazoloquinoline Derivatives. <i>Journal of Fluorescence</i> , 1997, 7, 301-309.	2.5	43
13	Pyrazoloquinoline derivatives as efficient blue electroluminescent materials. <i>Journal of Materials Chemistry</i> , 2001, 11, 768-772.	6.7	43
14	Poly(N-vinylcarbazole) doped with a pyrazoloquinoline dye: A deep blue light-emitting composite for light-emitting diode applications. <i>Journal of Applied Physics</i> , 2006, 99, 024505.	2.5	42
15	Fluorescence Properties of Donor-Acceptor-Substituted Pyrazoloquinolines. <i>Journal of Fluorescence</i> , 1998, 8, 375-387.	2.5	37
16	1H-pyrazolo[3,4-b]quinoline and 1H-pyrazolo[3,4-b]quinoxaline derivatives as promising materials for optoelectronic applications. <i>Optical Materials</i> , 2009, 32, 267-273.	3.6	37
17	Photoluminescence of 1,3-Diphenyl-1H-pyrazolo[3,4-b]quinoline and its derivatives: Experiment and quantum chemical simulations. <i>Optics Communications</i> , 2007, 271, 16-23.	2.1	36
18	Electroluminescence of several pyrazoloquinoline and quinoxaline derivatives. <i>Materials Letters</i> , 2006, 60, 3301-3306.	2.6	35

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19	Photoluminescence and electroluminescence of methoxy and carboethoxy derivatives of 1,3-diphenyl-1H-pyrazolo[3,4-b]quinoline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 22-26.	3.9	35
20	Optical absorption of 1H-pyrazolo[3,4-b]quinoline and its derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 3101-3106.	3.9	34
21	Optical absorption measurements and quantum-chemical simulations on 1H-pyrazolo[3,4-b]quinoline derivatives. <i>Optics Communications</i> , 2003, 227, 115-123.	2.1	32
22	Influence of TiO ₂ nanoparticles on the photovoltaic efficiency of the ITO/PEDOT:PSS/fluorine copolymers/polythiophene: TiO ₂ /Al architecture. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 2057-2064.	2.2	32
23	Optical absorption of 1,3-diphenyl-1H-Pyrazolo[3,4-b]quinoline and its derivatives. <i>Optics Communications</i> , 2006, 268, 64-74.	2.1	31
24	Push-pull benzoxazole based stilbenes as new promising electrooptics materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 519-526.	2.2	31
25	Some anthracene derivatives with N,N-dimethylamine moieties as materials for photovoltaic devices. <i>Materials Chemistry and Physics</i> , 2008, 112, 301-304.	4.0	31
26	Probing the Photochemical Mechanism in Photoactive Yellow Protein. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18699-18705.	2.6	30
27	Pyrazoline-based colorimetric and fluorescent probe for detection of sulphite. <i>New Journal of Chemistry</i> , 2019, 43, 874-883.	2.8	29
28	Second-order optical effects in several pyrazolo-quinoline derivatives. <i>Chemical Physics</i> , 2004, 306, 265-271.	1.9	27
29	Blue electroluminescence in 1H-pyrazoloquinoline derivatives. <i>Synthetic Metals</i> , 2006, 156, 1348-1354.	3.9	26
30	New-synthesized pyrazoloquinoline as promising luminescent materials. <i>Optics and Laser Technology</i> , 2006, 38, 487-492.	4.6	26
31	Optical properties of new pyrazolo[3,4-b]quinoline and its composites. <i>Synthetic Metals</i> , 2002, 127, 175-180.	3.9	25
32	Some spirobiindane based 1H-pyrazolo [3,4-b] quinoline chromophore as novel chromophore for light-emitting diodes. <i>Journal of Luminescence</i> , 2010, 130, 2093-2099.	3.1	25
33	Spectral emission properties of 4-aryloxy-3-methyl-1-phenyl-1H-pyrazolo[3,4-b]quinolines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 281-285.	3.9	24
34	Electron drift mobility in pyrazolo[3,4-b]quinoline doped polystyrene layers. <i>Applied Physics Letters</i> , 2000, 77, 322-324.	3.3	23
35	Investigations of the heavy atom effect occurring in bianthryl and 10,10-dibromobianthryl. Fluorescence, cyclovoltamperometric and actinometric studies Dedicated to Professor Dr Z. R. Grabowski and Professor Dr J. Wirz on the occasions of their 75th and 60th birthdays.. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 988-997.	2.8	21
36	Fluorescent, molecularly imprinted thin-layer films based on a common polymer. <i>Journal of Applied Polymer Science</i> , 2007, 105, 229-235.	2.6	20

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37	Single-layered light-emitting diodes possessing methoxy-modified pyrazoloquinoline dyes in poly-N-vinylcarbazole matrix. <i>Journal of Luminescence</i> , 2008, 128, 348-354.	3.1	20
38	Combined XRD and DFT studies towards understanding the impact of intramolecular H-bonding on the reductive cyclization process in pyrazole derivatives. <i>Journal of Molecular Structure</i> , 2020, 1200, 127087.	3.6	20
39	New Fluorescent Sensors Based on 1H-pyrazolo[3,4-b]quinoline Skeleton. <i>Journal of Fluorescence</i> , 2010, 20, 525-532.	2.5	19
40	Photoluminescence spectra of bisphenol A based pyrazoloquinoline dimers in different solvents: Experiment and quantum chemical calculations. <i>Materials Chemistry and Physics</i> , 2010, 119, 140-144.	4.0	18
41	A new regiospecific synthesis method of 1 H -pyrazolo[3,4- b]quinoxalines â€“ Potential materials for organic optoelectronic devices, and a revision of an old scheme. <i>Tetrahedron</i> , 2017, 73, 5072-5081.	1.9	18
42	Pyrazoloquinolinesâ€“ alternative chromophores for organic LED fabrication. <i>Macromolecular Symposia</i> , 2004, 212, 473-478.	0.7	17
43	A New Fluorescent Sensor Based on 1H-pyrazolo[3,4-b]quinoline Skeleton. Part 2. <i>Journal of Fluorescence</i> , 2011, 21, 375-383.	2.5	17
44	Applications of Fluorescent Sensor Based on 1H-pyrazolo[3,4-b]quinoline in Analytical Chemistry. <i>Journal of Fluorescence</i> , 2013, 23, 1207-1215.	2.5	17
45	Electron transfer and intersystem crossing processes in new dyes based on 1H-pyrazolo[3,4-b]quinoxaline. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 180, 88-100.	3.9	16
46	Charge transfer fluorescence of benzoxazol derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 191, 32-41.	3.9	16
47	Microwave-assisted, facile route to 1H-pyrazolo[3,4-b]quinolines. <i>Arkivoc</i> , 2000, 2000, 51-57.	0.5	16
48	Optical poling of oligoether acrylate photopolymers doped by 1-H-pyrazolo[3,4-b]quinolines derivative chromophores. <i>Optics Communications</i> , 2004, 231, 437-446.	2.1	15
49	Photophysical properties of some donorâ€“acceptor 1H-pyrazolo[3,4-b]quinolines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 187, 78-86.	3.9	14
50	A Color Stable Blue Light-Emitting Device Using a Pyrazolo[3,4-b]Quinoline Derivative as an Emitter. <i>IEEE Photonics Technology Letters</i> , 2008, 20, 1781-1783.	2.5	14
51	Influence of chromophore dipole moments in parameterts of organic light emitting devices based on phenyl and methyl modified pyrazoloquinoline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1501-1505.	3.9	14
52	Influence of dipole moments on light-emitting features of cardo-type 1H-pyrazolo[3,4-b]quinolines. <i>Journal of Luminescence</i> , 2008, 128, 1831-1835.	3.1	13
53	Photoluminescence of 1-phenyl,3-methyl pyrazoloquinoline derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 582-590.	3.9	13
54	Solution processable double layer organic light emitting diodes (OLEDs) based on 6- <i>N</i> - <i>N</i> -arylsusbstituted-1 <i>H</i> -pyrazolo[3,4- <i>b</i>]quinolines. <i>International Journal of Higher Education Management</i> , 2015, 1, 17-22.	1.3	13

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55	1,3-diphenyl-1H-pyrazolo[3,4-b]quinoline: Experiment and quantum-chemical simulations. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 137, 255-262.	3.1	13
56	Facile and Regioselective Synthesis of Substituted 1H-pyrazolo[3,4-b]quinolines from 2-fluorobenzaldehydes and 1H-pyrazol-5-amines. Journal of Heterocyclic Chemistry, 2017, 54, 1729-1745.	2.6	13
57	Novel scintillating material 2-(4-styrylphenyl)benzoxazole for the fully digital and MRI compatible J-PET tomograph based on plastic scintillators. PLoS ONE, 2017, 12, e0186728.	2.5	13
58	Photophysical properties of 1-pyridine-3-phenylpyrazoloquinoline and molecular logic gate implementation. Dyes and Pigments, 2019, 166, 490-501.	3.7	13
59	Specific features of UV-vis absorption spectra of cis- and trans-polythiophenes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 64, 264-271.	3.9	12
60	Photoluminescence of methoxy and carboethoxy derivatives of 1,3-diphenyl-1H-pyrazolo[3,4-b]quinoline: Experiment and quantum-chemical simulations. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 137, 255-262.	3.5	12
61	Excited-State Double Proton Transfer in 1H-Pyrazolo[3,4-b]quinoline Dimers. Journal of Physical Chemistry A, 2009, 113, 5273-5279.	2.5	12
62	The photophysical properties of 1H-pyrazolo[3,4-b]quinoxalines derivatives and their possible optoelectronic application. Optical Materials, 2018, 80, 87-97.	3.6	12
63	Thin-Layer Film with an Incorporated Pyrazoloquinoline Derivative as a Fluorescent Sensor for Nucleotides. Adsorption Science and Technology, 2004, 22, 719-729.	3.2	11
64	Thin-layer photoluminescence and electroluminescence observed from pyrazoloquinoline-doped polymer matrices. Journal of Luminescence, 2007, 122-123, 605-609.	3.1	11
65	Spectroscopy of PVK-phenyl derivatives disturbed the long-range ordering of liquid crystalline phase. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 66, 781-785.	3.9	11
66	Influence of polymer matrices on spectral properties of pyrazoloquinoline derivatives. Materials Letters, 2007, 61, 2018-2022.	2.6	11
67	Thermoluminescence of the blue light-emitting system based on poly(9-vinylcarbazole) doped with a pyrazoloquinoline dye. Journal of Luminescence, 2009, 129, 1215-1218.	3.1	11
68	A Pilot Study of the Novel J-PET Plastic Scintillator with 2-(4-styrylphenyl)benzoxazole as a Wavelength Shifter. Acta Physica Polonica A, 2015, 127, 1487-1490.	0.5	11
69	Molecular engineering by light emitting diode parameters on the base of methoxy-pyrazoloquinoline dyes in polysilane matrices. Journal Physics D: Applied Physics, 2007, 40, 2748-2753.	2.8	10
70	Synthesis, photophysical and electroluminescent properties of 1,3-diphenyl-1H-benzo[g]pyrazolo[3,4-b]quinoxaline. Materials Letters, 2015, 138, 9-12.	2.6	10
71	Efficient green electroluminescence from 1,3-diphenyl-1H-pyrazolo[3,4-b]quinoxaline dyes in dye-doped polymer based electroluminescent devices. Dyes and Pigments, 2018, 151, 380-384.	3.7	10
72	Photovoltaic response and values of state dipole moments in single-layered pyrazoloquinoline/polymer composites. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 117-121.	3.9	9

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73	6-N,N-diarylsubstituted 1H-pyrazolo[3,4-b]quinoxalines-novel materials for single-layered photovoltaic devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 461-468.	2.2	9
74	Exploring Reversible Quenching of Fluorescence from a Pyrazolo[3,4-b]quinoline Derivative by Protonation. <i>ChemPhysChem</i> , 2010, 11, 2623-2629.	2.1	9
75	On the spectral properties of methyl and methoxy derivatives of 1,3-diphenyl-1 H-pyrazolo[3,4-b]quinoxalines: Experiment and DFT/TDDFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 186, 89-98.	3.9	9
76	Fleeting Beauty—The World of Plant Fragrances and Their Application. <i>Molecules</i> , 2021, 26, 2473.	3.8	9
77	Intramolecular exciplexes based on benzoxazole: photophysics and applications as fluorescent cation sensors. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 633-641.	2.9	8
78	Nonlinear absorption of fullerene- and nanotubes-doped liquid crystal systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009, 41, 391-394.	2.7	8
79	Investigation of the photoisomerisation process in four p-benzoxazolyl-substituted stilbenes. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 357-364.	2.9	8
80	Optically operated second order optical effects in some substituted 4-(5-nitro-1,3-benzoxazol-2-yl)aniline chromophores. <i>Dyes and Pigments</i> , 2017, 141, 333-341.	3.7	8
81	Synthesis and spectral properties of halogen methyl-phenyl-pyrazoloquinoxaline fluorescence dyes: Experiment and DFT/TDDFT calculations. <i>Journal of Luminescence</i> , 2018, 198, 370-377.	3.1	8
82	Drift Mobility of Electrons in Pyrazoline-Containing Copolymers. <i>Russian Journal of Electrochemistry</i> , 2004, 40, 359-363.	0.9	7
83	Tautomerism Phenomenon of Pyrazolo[3,4-b]quinoline: A Spectroscopic and Quantum Mechanical Studies. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5408-5414.	2.5	7
84	Single-layered photovoltaics based on cyano-substituted pyrazoloquinoline chromophores. <i>Philosophical Magazine</i> , 2009, 89, 807-819.	1.6	7
85	Photovoltaic Effect in Single Layer 1H-Pyrazolo[3,4-b]quinoline and 1H-Pyrazolo[3,4-b]quinoxaline/Poly(3-Decylthiophene) Polymer Cells. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009, 64, 632-638.	1.5	7
86	Star-burst 1H-pyrazolo[3,4-b]quinoline as chromophore for light-emitting diodes and photovoltaic devices. <i>Philosophical Magazine</i> , 2010, 90, 2677-2685.	1.6	7
87	Novel dipyrazolopyridine derivatives as deep blue emitters for polymer based organic light emitting diodes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 610-613.	3.9	7
88	Photophysical properties of 6- N,N -dimethylpyrazolo[3,4- b]quinoline substituted with pyridyl in the 3-position. <i>Optical Materials</i> , 2017, 66, 527-533.	3.6	7
89	Synthesis and spectral properties of Methyl-Phenyl pyrazoloquinoxaline fluorescence emitters: Experiment and DFT/TDDFT calculations. <i>Optical Materials</i> , 2018, 75, 719-726.	3.6	7
90	Trifluoromethyl Substituted Derivatives of Pyrazoles as Materials for Photovoltaic and Electroluminescent Applications. <i>Crystals</i> , 2022, 12, 434.	2.2	7

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91	Specific solute-solvent interactions and dual fluorescence of electron donor substituted bis-pyrazoquinoline in binary mixed solvents. <i>Chemical Physics</i> , 2004, 307, 45-52.	1.9	6
92	Influence of bond lengths between substituents and mother molecule on spectral properties of pyrazoloquinolines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 833-840.	3.9	6
93	1H-Pyrazolo[3,4-b]quinolines: Synthesis and Properties over 100 Years of Research. <i>Molecules</i> , 2022, 27, 2775.	3.8	6
94	Geometry computations of xH-pyrazolo[3,4-b]quinolines (x=1,2,9) in the ground state in tautomerism phenomenon. <i>Computational and Theoretical Chemistry</i> , 2004, 682, 179-183.	1.5	5
95	Optical absorption of bisphenol A based pyrazoloquinoline dimers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 685-690.	3.9	5
96	QUANTUM CHEMICAL ANALYSIS OF UV ABSORPTION SPECTRA OF 1H-PYRAZOLO[3,4-b]QUINOLINE SYSTEM. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1994, 103, 725-741.	0.0	5
97	Towards Color Stable Blue Primary for Displays: Suppress Field-Dependent Color Change in a Multilayered Electroluminescent Device. <i>Journal of Display Technology</i> , 2011, 7, 96-104.	1.2	5
98	Spectral properties of 1H-pyrazolo[3,4-b]quinoline substituted with N,N-diethylamine moiety. <i>Optical Materials</i> , 2016, 57, 102-106.	3.6	5
99	Ellipsometric studies for thin polymer layers of organic photovoltaic cells. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2019, 37, 062402.	1.2	5
100	Synthesis, ellipsometry and non-linear optical features of substituted 1,3,5-triphenylpyrazolines. <i>Dyes and Pigments</i> , 2019, 162, 741-745.	3.7	5
101	Palladium-catalyzed amino group arylation of 1,3-disubstituted 1H-pyrazol-5-amine based on Buchwald-Hartwig reaction. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 633-639.	1.2	5
102	1H-Pyrazolo[3,4-b]quinoline derivative with the chelating substituent: Synthesis and spectral properties as a fluorescent sensor for cation detection. <i>Dyes and Pigments</i> , 2021, 195, 109713.	3.7	5
103	Influence of solvent polarity and temperature on dual fluorescence of 10,10-dibromo, 9,9-bianthryl. <i>Journal of Luminescence</i> , 2006, 121, 39-50.	3.1	4
104	Electroluminescent properties of 6-N,N-diaryls substituted-1H-pyrazolo[3,4-b]quinolines as light emitting diode chromophore. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 613-617.	2.2	4
105	Photophysical properties of TICT molecule adsorbed on semiconductor titania-silica colloids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 177, 83-88.	3.9	3
106	Acid-base properties of 3,5-dimethyl-1,7-diphenyl derivative of bis-pyrazolopyridine in non-aqueous solutions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 180, 80-87.	3.9	3
107	Synthesis and Electro-Optic Properties of Pirazolo[3,4-b]Chinoline PVK Copolymers. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 447, 181/[499]-188/[506].	0.9	3
108	Bisphenol A based pyrazoloquinoline dimers as dopants for electroluminescent applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2011, 22, 101-105.	2.2	3

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109	Spectral Properties of Highly Emissive Derivative of Coumarin with N,N-Diethylamino, Nitrile and Thiophenecarbonyl Moieties in Water-Methanol Mixture. <i>Journal of Fluorescence</i> , 2019, 29, 1393-1399.	2.5	3
110	Synthesis of 1 H $\hat{\epsilon}$ Pyrazolo[3,4 $\hat{\epsilon}$ b]quinoxaline Derivatives by Modification of the Regiospecific Reaction $\hat{\epsilon}$ the Influence of the Microwave Field. <i>ChemistrySelect</i> , 2021, 6, 4330-4335.	1.5	3
111	Spectral Features and Parameters of Some 1H-Pyrazolo[3,4-b]quinoxaline Derivative Dye Chromophores. <i>Spectroscopy Letters</i> , 2009, 42, 136-141.	1.0	2
112	Stationary and time-resolved spectra analysis of pyrazoloquinoline derivatives with pyridyl moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 492-498.	3.9	2
113	Laser-induced linear and non-linear optical features in novel benzoxazole-based on donor-acceptor chromophores. <i>Journal of Molecular Structure</i> , 2018, 1173, 531-540.	3.6	2
114	The Synthesis of 1 H $\hat{\epsilon}$ Pyrazolo[3,4 $\hat{\epsilon}$ b]quinoxaline Derivatives Oriented towards Modification of Carbocyclic Ring in the Parent Skeleton. <i>ChemistrySelect</i> , 2020, 5, 5521-5525.	1.5	2
115	UV-operated pyrazoloquinoline piezooptical materials. <i>Optical Materials</i> , 2008, 30, 939-945.	3.6	1
116	Influence of dispersed core-shell nano-sized particles on P3OT based photovoltaic device. , 2009, , .		1
117	3-Methyl-1,4-diphenyl-1H-pyrazolo[3,4-b]quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3009-o3009.	0.2	1
118	Plants as a treasury of fragrant substances for food industry and perfumery. <i>Annales Universitatis Paedagogicae Cracoviensis Studia Naturae</i> , 0, , 149-160.	0.0	1
119	Reply to Comment on $\hat{\epsilon}$ Optical poling of oligoether acrylate photopolymers doped by stilbene-benzoate derivative chromophores $\hat{\epsilon}$ ™. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 1765-1766.	1.8	0
120	Properties of a copolymer based on N-vinylcarbazole and 1,3,4-triphenyl-6-vinyl-1H-pyrazol[3,4-B]quinoline applied in electroluminescent devices. , 2009, , .		0
121	Photovoltaic effect based on pyrazole derivatives. , 2009, , .		0
122	Single-layer electroluminescent devices based on fluorene-1H-pyrazolo[3,4-b]quinoxaline co-polymers. , 2013, , .		0
123	Photovoltaic cells based on organic composites. , 2016, , .		0
124	Optical poling of oligoether acrylate photopolymers doped by stilbene-benzoate derivative chromophores. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 1767-1767.	1.8	0
125	Chemical Doping of a Silica Matrix with a New Organic Dye from the Group of Heterocyclic Compounds $\hat{\epsilon}$ ™Chemical, Optical and Surface Characteristics. <i>Crystals</i> , 2022, 12, 478.	2.2	0