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List of Publications by Year in descending order

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96
papers

1,974
citations

293460

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docs citations

97
times ranked

1360
citing authors

#	ARTICLE	IF	CITATIONS
1	Research Progress of Light Wavelength Conversion Materials and Their Applications in Functional Agricultural Films. <i>Polymers</i> , 2022, 14, 851.	2.0	15
2	Synthesis of Novel Ultraviolet Absorbers and Preparation and Field Application of Anti-Ultraviolet Aging PBAT/UVA Films. <i>Polymers</i> , 2022, 14, 1434.	2.0	7
3	Corrigendum to "Aroma components of tobacco powder from different producing areas based on gas chromatography ion mobility spectrometry". <i>Open Chemistry</i> , 2022, 20, 350-350.	1.0	0
4	Aroma components of tobacco powder from different producing areas based on gas chromatography ion mobility spectrometry. <i>Open Chemistry</i> , 2021, 19, 442-450.	1.0	6
5	Preparation of Chitin Microcapsules and Their Applications in Stability Improvement of Tobacco Aroma Components. <i>Journal of Physics: Conference Series</i> , 2021, 1838, 012050.	0.3	1
6	Preparation of Organic Crystal Seed and Its Application in Improving the Functional Period of Biodegradable Agricultural Film. <i>Crystals</i> , 2021, 11, 826.	1.0	8
7	Photophysical Spectral Features of fluorescent complexes on the basis of the novel ligand 1 ² -thujaplicin. <i>Journal of Luminescence</i> , 2020, 218, 116852.	1.5	9
8	Ultrastable Near-Infrared Nonlinear Organic Chromophore Nanoparticles with Intramolecular Charge Transfer for Dually Photoinduced Tumor Ablation. <i>Advanced Healthcare Materials</i> , 2020, 9, e2001042.	3.9	12
9	Progress in the enhancement of electro-optic coefficients and orientation stability for organic second-order nonlinear optical materials. <i>Dyes and Pigments</i> , 2020, 181, 108509.	2.0	98
10	Construction of a simple crosslinking system and its influence on the poling efficiency and orientational stability of organic electro-optic materials. <i>RSC Advances</i> , 2020, 10, 6482-6490.	1.7	11
11	Synthesis and comparative studies of coumarin-based nonlinear optical chromophores with different conjugated electron bridge. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9224-9230.	1.1	6
12	Synthesis of Molecularly Imprinted Polymer via Emulsion Polymerization for Application in Solanesol Separation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2868.	1.3	31
13	Research Progress on Solanesol Extraction from Tobacco Wastes. <i>Mini-Reviews in Organic Chemistry</i> , 2020, 17, 113-121.	0.6	1
14	Prediction of matrix metal proteinases-12 inhibitors by machine learning approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2627-2640.	2.0	9
15	A novel chromophore containing a Michler's donor and a tricyanofuran acceptor with enhanced nonlinear optical properties. <i>Materials Letters</i> , 2019, 255, 126555.	1.3	4
16	Polygonal WS ₂ -decorated-graphene multilayer films with microcavities prepared from a cheap precursor as anode materials for lithium-ion batteries. <i>Materials Letters</i> , 2019, 254, 73-76.	1.3	10
17	Synthesis and properties study of a novel nonlinear optical chromophore containing benzo[b]furan moiety based on julolidine. <i>Journal of Molecular Structure</i> , 2019, 1196, 439-443.	1.8	6
18	Optimizing the molecular structure of 1,1,7,7-tetramethyl julolidine fused furan based chromophores by introducing a heterocycle ring to achieve high electro-optic activity. <i>New Journal of Chemistry</i> , 2019, 43, 15548-15554.	1.4	10

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19	Novel nonlinear optical push-pull fluorene dyes chromophore as promising materials for telecommunications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 12180-12185.	1.1	24
20	Characterization of linear and nonlinear optical properties of phosphorylated CREB protein for application in biosensing. <i>Materials Chemistry and Physics</i> , 2019, 233, 141-144.	2.0	2
21	Using phenothiazine as electron donor for new second-order nonlinear optical chromophore. <i>Materials Letters</i> , 2019, 245, 196-199.	1.3	4
22	Recent Advances in The Synthesis and Application of Conjugated Small Molecules with D-π-A Structure. <i>Mini-Reviews in Organic Chemistry</i> , 2019, 16, 206-207.	0.6	1
23	Novel nonlinear optical chromophores based on coumarin: Synthesis and properties studies. <i>Optical Materials</i> , 2019, 88, 218-222.	1.7	24
24	Surface modification of nano Pd and its application in selective dechlorination reaction. <i>Materials Letters</i> , 2019, 238, 31-34.	1.3	0
25	The Effect of Donor Molecular Structure on Power Conversion Efficiency of Small-Molecule-Based Organic Solar Cells. <i>Mini-Reviews in Organic Chemistry</i> , 2019, 16, 236-243.	0.6	2
26	The Progress in the Field Auxiliary Donors and their Application in Novel Organic Second-Order Nonlinear Optical Chromophores. <i>Mini-Reviews in Organic Chemistry</i> , 2019, 16, 228-235.	0.6	9
27	Synthesis and nonlinear optical properties of novel conjugated small molecules based on indole donor. <i>Journal of Molecular Structure</i> , 2018, 1165, 223-227.	1.8	19
28	Greatly improved performance for NLO chromophore with 4,4-bis(diethylamino)benzophenone as donor by introducing stronger acceptor. <i>Materials Letters</i> , 2018, 226, 38-42.	1.3	4
29	Synthesis and properties study of a X-type dendrimer based on triphenylamine. <i>Materials Letters</i> , 2017, 193, 112-114.	1.3	5
30	Enhanced electro-optic activity of two novel bichromophores which are synthesized by Cu(I) catalyzed click-reaction. <i>Dyes and Pigments</i> , 2017, 139, 756-763.	2.0	9
31	Design and preparation of novel Diels-Alder crosslinking polymer and its application in NLO materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 8480-8486.	1.1	8
32	Site-isolation of nonlinear optical chromophores to suppress the dipole-dipole interactions for improved electro-optic performance. <i>Materials Letters</i> , 2017, 199, 72-74.	1.3	5
33	Facile preparation of crosslinkable organic EO polymers based on AZO nonlinear optical chromophore: great indemnification for long term of stability. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 4931-4940.	1.1	6
34	Synthesis and luminescent properties of GdNbO ₄ :Bi ³⁺ phosphors via high temperature high pressure. <i>Journal of Alloys and Compounds</i> , 2017, 723, 1-8.	2.8	23
35	Modification of indole by electron-rich atoms and their application in novel electron donor materials. <i>Chemical Physics Letters</i> , 2017, 681, 105-109.	1.2	15
36	Structural control of side-chain chromophores to achieve highly efficient electro-optic activity. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11502-11509.	1.3	10

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37	Enhanced electro-optic activity from the triarylaminophenyl-based chromophores by introducing different steric hindrance groups. <i>Materials Letters</i> , 2017, 196, 230-233.	1.3	4
38	Preparation of Main-Chain Polymers Based on Novel Monomers with D π A Structure for Application in Organic Second-Order Nonlinear Optical Materials with Good Long-Term Stability. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10366-10370.	4.0	46
39	The important role of the isolation group (TBDPS) in designing efficient organic nonlinear optical FTC type chromophores. <i>Dyes and Pigments</i> , 2017, 139, 239-246.	2.0	32
40	Facile microwave-assisted synthesis of Zn ₂ GeO ₄ :Mn ²⁺ , Yb ³⁺ uniform nanorods and near-infrared down-conversion properties. <i>Optical Materials</i> , 2017, 64, 152-159.	1.7	13
41	Novel poly(aryl ether ketone) with electro-optic chromophore side chains for light modulators. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18568-18577.	1.1	11
42	Performances Enhancement in Perovskite Solar Cells by Incorporating Plasmonic Au NRs@SiO ₂ at Absorber/HTL Interface. <i>Solar Rrl</i> , 2017, 1, 1700151.	3.1	21
43	Study of novel nonlinear optical material based on Poly(aryl ether ketone) and its application in SHG imaging. <i>Optical Materials</i> , 2017, 72, 392-396.	1.7	8
44	Synthesis of chromophores with ultrahigh electro-optic activity: Rational combination of the bridge, donor and acceptor groups. <i>Dyes and Pigments</i> , 2017, 136, 182-190.	2.0	18
45	The influence of different donor/acceptor matches on chromophore's nonlinear optical activity. <i>Dyes and Pigments</i> , 2016, 131, 215-223.	2.0	9
46	Asymmetric dendrimers with improved electro-optic performance: synthesis and characterization. <i>RSC Advances</i> , 2016, 6, 44080-44086.	1.7	3
47	Synthesis and characterization of two novel second-order nonlinear optical chromophores based on julolidine donors with excellent electro-optic activity. <i>RSC Advances</i> , 2016, 6, 99743-99751.	1.7	11
48	Synthesis of julolidine-containing nonlinear optical chromophores: Achieving excellent electro-optic activity by optimizing the bridges and acceptors. <i>Dyes and Pigments</i> , 2016, 134, 358-367.	2.0	23
49	Design and preparation of novel polyarylene ether materials based on Diels-Alder reaction as the crosslinker for electrooptical modulators. <i>Optical Materials</i> , 2016, 57, 63-70.	1.7	7
50	Synthesis and characterization of one novel second-order nonlinear optical chromophore based on new benzoxazin donor. <i>Materials Letters</i> , 2016, 164, 644-646.	1.3	9
51	Introduction of fluorine to change the dielectric environment of nonlinear optical chromophores for improved electro-optic activities. <i>Materials Letters</i> , 2016, 164, 636-639.	1.3	12
52	The design of nonlinear optical chromophores exhibiting large electro-optic activity and high thermal stability: The role of donor groups. <i>Dyes and Pigments</i> , 2016, 130, 138-147.	2.0	28
53	Effects of chiral additives on the electro-optical properties of polymer dispersed liquid crystal. <i>Materials Letters</i> , 2016, 163, 142-145.	1.3	14
54	Benefits of the use of auxiliary donors in the design and preparation of NLO chromophores. <i>Materials Letters</i> , 2015, 143, 333-335.	1.3	23

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55	Recent advances in polymer electro-optic modulators. RSC Advances, 2015, 5, 15784-15794.	1.7	160
56	Auxiliary donor for tetrahydroquinoline-containing nonlinear optical chromophores: enhanced electro-optical activity and thermal stability. Journal of Materials Chemistry C, 2015, 3, 9283-9291.	2.7	39
57	Novel chromophores with excellent electro-optic activity based on double-donor chromophores by optimizing thiophene bridges. Dyes and Pigments, 2015, 122, 139-146.	2.0	22
58	Copper-catalyzed Huisgen cycloaddition reactions used to incorporate NLO chromophores into high Tg Side-Chain Polymers for Electro-Optics. Optical Materials, 2015, 47, 256-262.	1.7	17
59	Optimization of polycyclic electron-donors based on julolidinyl structure in push-pull chromophores for second order NLO effects. Dyes and Pigments, 2015, 122, 74-84.	2.0	95
60	Comparative studies on structure-nonlinearity relationships in a series of novel second-order nonlinear optical chromophores with different aromatic amine donors. Dyes and Pigments, 2015, 120, 347-356.	2.0	29
61	Enhanced electro-optic activity from the triarylaminophenyl-based chromophores by introducing heteroatoms to the donor. Journal of Materials Chemistry C, 2015, 3, 5297-5306.	2.7	25
62	The important role of the location of the alkoxy group on the thiophene ring in designing efficient organic nonlinear optical materials based on double-donor chromophores. Journal of Materials Chemistry C, 2015, 3, 3913-3921.	2.7	24
63	Synthesis and optical nonlinear properties of novel Y-shaped chromophores with excellent electro-optic activity. Journal of Materials Chemistry C, 2015, 3, 11423-11431.	2.7	14
64	Synthesis of novel nonlinear optical chromophores: achieving excellent electro-optic activity by introducing benzene derivative isolation groups into the bridge. Journal of Materials Chemistry C, 2015, 3, 11595-11604.	2.7	47
65	Great improvement of performance for NLO chromophore with cyclopentadithiophenone unit as π-electron bridge. Materials Letters, 2015, 161, 674-677.	1.3	9
66	Physical attachment of NLO chromophores to polymers for great improvement of long-term stability. Materials Letters, 2015, 142, 87-89.	1.3	15
67	Using phenoxazine and phenothiazine as electron donors for second-order nonlinear optical chromophore: Enhanced electro-optic activity. Dyes and Pigments, 2015, 114, 196-203.	2.0	50
68	Novel NLO-phores containing dihexyl amino benzo[b]thiophene exhibiting good transparency and enhanced electro-optical activity. RSC Advances, 2014, 4, 15870-15876.	1.7	11
69	Design of Mach-Zehnder interference modulators composed of enhanced electro-optic active polymers. , 2014, , .		0
70	Novel second-order nonlinear optical chromophores containing multi-heteroatoms in donor moiety: Design, synthesis, DFT studies and electro-optic activities. Dyes and Pigments, 2014, 102, 142-149.	2.0	51
71	Comparison of second-order nonlinear optical chromophores with DπA, DπA and DπA architectures: diverse NLO effects and interesting optical behavior. RSC Advances, 2014, 4, 52991-52999.	1.7	38
72	Synthesis and optical nonlinear property of Y-type chromophores based on double-donor structures with excellent electro-optic activity. Journal of Materials Chemistry C, 2014, 2, 5124-5132.	2.7	62

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73	Novel electro-optic chromophores based on substituted benzo[1,2-b:4,5-b [€]]dithiophene π -conjugated bridges. RSC Advances, 2014, 4, 25532-25539.	1.7	17
74	Synthesis and characterization of a novel second-order nonlinear optical chromophore based on a new julolidine donor. Physical Chemistry Chemical Physics, 2014, 16, 20209-20215.	1.3	31
75	A nunchaku-like nonlinear optical chromophore for improved temporal stability of guest π -host electro-optic materials. Dyes and Pigments, 2013, 99, 753-758.	2.0	25
76	Synthesis and characterization of novel electro-optic chromophores based on 4-hydroxycarbazole. Materials Letters, 2013, 97, 117-120.	1.3	14
77	Synthesis and electro-optic activities of novel polycarbonates bearing tricyanopyrrolone-based nonlinear optical chromophores with excellent thermal stability of dipole alignment. Polymer, 2013, 54, 6349-6356.	1.8	20
78	Hydrogen-bonded network: An effective approach to improve the thermal stability of organic/polymer electro-optic materials. Science China Chemistry, 2013, 56, 169-173.	4.2	13
79	Enhanced electrooptical active materials based on n-hexyl group flexible isolation in NLO chromophores. Journal of Materials Science: Materials in Electronics, 2013, 24, 2701-2705.	1.1	6
80	Facile synthesis and electro π -optic activities of new polycarbonates containing tricyanofuran π -based nonlinear optical chromophores. Journal of Polymer Science Part A, 2013, 51, 2841-2849.	2.5	30
81	Synthesis and optical properties of new fluorinated second-order nonlinear optical copolymers: an attempt toward the balance between solubility and long-term alignment stability. Polymer Chemistry, 2013, 4, 2703.	1.9	40
82	Synthesis and nonlinear optical properties of novel γ -type polyurethanes containing different concentrations of chromophore. Journal of Applied Polymer Science, 2013, 128, 2694-2700.	1.3	7
83	Simple preparation of copolymer of styrene and 4-chloromethyl styrene and its application in NLO materials. Electronic Materials Letters, 2012, 8, 451-455.	1.0	3
84	Synthesis and nonlinear optical properties of a cross-linkable system using sol-gel approach. Journal of Non-Crystalline Solids, 2012, 358, 1003-1008.	1.5	1
85	Synthesis and electro-optical features of a high T _g polymer system with excellent electro-optic activity and thermal stability. Colloid and Polymer Science, 2012, 290, 1819-1823.	1.0	6
86	Synthesis of novel nonlinear optical chromophore to achieve ultrahigh electro-optic activity. Chemical Communications, 2012, 48, 9637.	2.2	95
87	Synthesis of nonlinear optical chromophore and the preparation of attenuated total reflectance modulator. Polymers for Advanced Technologies, 2012, 23, 866-869.	1.6	9
88	Enhanced electro-optic coefficient (r_{33}) in nonlinear optical chromospheres with novel donor structure. RSC Advances, 2012, 2, 1416-1423.	1.7	67
89	Novel promising crosslinkable tricyanopyrrolone polymeric electro-optic materials. Journal of Materials Science: Materials in Electronics, 2012, 23, 1182-1187.	1.1	10
90	Synthesis of novel polyarylate with electrooptical chromophores as side chain as electro-optic host polymer. Colloid and Polymer Science, 2012, 290, 1215-1220.	1.0	20

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91	Synthesis of tricyanofuran chromophore with flexible rigid isolated group and its application as nonlinear optical materials. <i>Materials Letters</i> , 2012, 75, 233-235.	1.3	31
92	Synthesis of novel nonlinear optical chromophore containing bis(trifluoromethyl)benzene as an isolated group. <i>Materials Letters</i> , 2012, 80, 84-86.	1.3	9
93	Synthesis and characterization of NLO chromophore with benzo [1,2-b:4,5-b ²]dithiophene unit as π -electron bridge. <i>Tetrahedron Letters</i> , 2012, 53, 3393-3396.	0.7	25
94	Preparation and characterization of the soluble NLO polyarylates with enhanced electro-optic properties. <i>Polymer Science - Series B</i> , 2012, 54, 297-305.	0.3	3
95	Synthesis and nonlinear optical properties of branched pyrroline chromophores. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 439-444.	0.9	45
96	Enhanced poling efficiency in rigid-flexible dendritic nonlinear optical chromophores. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 68, 253-260.	1.6	26