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List of Publications by Year
in descending order

57	1,413	279798	361022
papers	citations	23 h-index	35 g-index

58	58	58	761
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Donor modification of nonlinear optical chromophores: Synthesis, characterization, and fine-tuning of chromophores' mobility and steric hindrance to achieve ultra large electro-optic coefficients in guestâ€“host electro-optic materials. Dyes and Pigments, 2014, 104, 15-23.	3.7	97
2	Synthesis of novel nonlinear optical chromophore to achieve ultrahigh electro-optic activity. Chemical Communications, 2012, 48, 9637.	4.1	95
3	Enhanced electro-optic coefficient (r₃₃) in nonlinear optical chromospheres with novel donor structure. RSC Advances, 2012, 2, 1416-1423.	3.6	67
4	Nonlinear optical chromophores containing a novel pyrrole-based bridge: optimization of electro-optic activity and thermal stability by modifying the bridge. Journal of Materials Chemistry C, 2014, 2, 7785-7795.	5.5	64
5	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.	5.5	62
6	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.	3.7	51
7	Using phenoxazine and phenothiazine as electron donors for second-order nonlinear optical chromophore: Enhanced electro-optic activity. Dyes and Pigments, 2015, 114, 196-203.	3.7	50
8	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.	5.5	47
9	Comparison of nonlinear optical chromophores containing different conjugated electron-bridges: the relationship between molecular structure-properties and macroscopic electro-optic activities of materials. RSC Advances, 2014, 4, 49737-49744.	3.6	43
10	A systematic study of the structureâ€“property relationship of a series of nonlinear optical (NLO) julolidinyl-based chromophores with a thieno[3,2-b]thiophene moiety. Journal of Materials Chemistry C, 2015, 3, 370-381.	5.5	41
11	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.	3.9	40
12	Synthesis and characterization of a novel indoline based nonlinear optical chromophore with excellent electro-optic activity and high thermal stability by modifying the Ï€-conjugated bridges. Journal of Materials Chemistry C, 2017, 5, 5111-5118.	5.5	40
13	Auxiliary donor for tetrahydroquinoline-containing nonlinear optical chromophores: enhanced electro-optical activity and thermal stability. Journal of Materials Chemistry C, 2015, 3, 9283-9291.	5.5	39
14	Comparison of second-order nonlinear optical chromophores with Dâ€“Ï€â€“A, Dâ€“Aâ€“Ï€â€“A and Dâ€“Dâ€“Ï€â€“A architectures: diverse NLO effects and interesting optical behavior. RSC Advances, 2014, 4, 52991-52999.	3.6	38
15	Structureâ€“function relationship exploration for enhanced electro-optic activity in isophorone-based organic NLO chromophores. Dyes and Pigments, 2018, 157, 55-63.	3.7	36
16	The synthesis of new double-donor chromophores with excellent electro-optic activity by introducing modified bridges. Physical Chemistry Chemical Physics, 2015, 17, 5776-5784.	2.8	32
17	Facile synthesis and electroâ€optic activities of new polycarbonates containing tricyanofuranâ€based nonlinear optical chromophores. Journal of Polymer Science Part A, 2013, 51, 2841-2849.	2.3	30
18	Enhancement of electro-optic properties of bis(N,N-diethyl)aniline based second order nonlinear chromophores by introducing a stronger electron acceptor and modifying the Ï€-bridge. Journal of Materials Chemistry C, 2017, 5, 6704-6712.	5.5	29

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19	Enhanced poling efficiency in rigid-flexible dendritic nonlinear optical chromophores. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 68, 253-260.	1.6	26
20	Enhanced electro-optic activity from the triarylaminophenyl-based chromophores by introducing heteroatoms to the donor. Journal of Materials Chemistry C, 2015, 3, 5297-5306.	5.5	25
21	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.	5.5	24
22	Novel nonlinear optical pushâ€"pull fluorene dyes chromophore as promising materials for telecommunications. Journal of Materials Science: Materials in Electronics, 2019, 30, 12180-12185.	2.2	24
23	Synthesis of julolidine-containing nonlinear optical chromophores: Achieving excellent electro-optic activity by optimizing the bridges and acceptors. Dyes and Pigments, 2016, 134, 358-367.	3.7	23
24	Synthesis of novel nonlinear optical chromophores: achieving enhanced electro-optic activity and thermal stability by introducing rigid steric hindrance groups into the julolidine donor. Journal of Materials Chemistry C, 2017, 5, 1675-1684.	5.5	23
25	Novel chromophores with excellent electro-optic activity based on double-donor chromophores by optimizing thiophene bridges. Dyes and Pigments, 2015, 122, 139-146.	3.7	22
26	A novel bichromophore based on julolidine chromophores with enhanced transferring efficiency from hyperpolarizability Î² to electro-optic activity. Journal of Materials Chemistry C, 2018, 6, 1031-1037.	5.5	20
27	Synthesis of chromophores with ultrahigh electro-optic activity: Rational combination of the bridge, donor and acceptor groups. Dyes and Pigments, 2017, 136, 182-190.	3.7	18
28	Novel electro-optic chromophores based on substituted benzo[1,2-b:4,5-bâ€²]dithiophene Ï€-conjugated bridges. RSC Advances, 2014, 4, 25532-25539.	3.6	17
29	Synthesis and electro-optic activities of new side-chain polycarbonates containing nonlinear optical chromophores and isolation groups. RSC Advances, 2014, 4, 4395-4402.	3.6	16
30	Low-voltage polymer-stabilised blue-phase liquid crystals with oleic acid (OA)-modified LaF₃ nanoparticles. Liquid Crystals, 2018, 45, 1654-1660.	2.2	16
31	A study on regulating the conjugate position of NLO chromophores for reducing the dipole moment and enhancing the electro-optic activities of organic materials. Journal of Materials Chemistry C, 2020, 8, 1380-1390.	5.5	16
32	Microwave-assisted synthesis of novel julolidinyl-based nonlinear optical chromophores with enhanced electro-optic activity. RSC Advances, 2014, 4, 65088-65097.	3.6	15
33	Facile bromine-termination of nonlinear optical chromophore: remarkable optimization in photophysical properties, surface morphology and electro-optic activity. RSC Advances, 2015, 5, 102108-102114.	3.6	15
34	Synthesis and optical nonlinear properties of novel Y-shaped chromophores with excellent electro-optic activity. Journal of Materials Chemistry C, 2015, 3, 11423-11431.	5.5	14
35	Tailoring the chemical structures and nonliear optical properties of julolidinyl-based chromophores by molecular engineering. Dyes and Pigments, 2020, 173, 107876.	3.7	14
36	Hydrogen-bonded network: An effective approach to improve the thermal stability of organic/polymer electro-optic materials. Science China Chemistry, 2013, 56, 169-173.	8.2	13

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37	Near-infrared luminescence properties of erbium complexes with the substituted phthalocyaninato ligands. Photochemical and Photobiological Sciences, 2008, 7, 474-479.	2.9	12
38	Synthesis and properties of a new second-order NLO chromophore containing the benzo[b]furan moiety for electro-optical materials. RSC Advances, 2014, 4, 33312-33318.	3.6	12
39	Improved electro-optical property by introducing stronger acceptor to thermal stable chromophores using modified julolidine as donor. Dyes and Pigments, 2019, 167, 245-254.	3.7	12
40	Organic Dye Nanoparticles with a Special Dâ^Ï€â€“A Structure for Photoacoustic Imaging and Photothermal Therapy. ACS Applied Bio Materials, 2020, 3, 5722-5729.	4.6	12
41	Novel NLO-phores containing dihexyl amino benzo[b]thiophene exhibiting good transparency and enhanced electro-optical activity. RSC Advances, 2014, 4, 15870-15876.	3.6	11
42	Synthesis and characterization of two novel second-order nonlinear optical chromophores based on julolidine donors with excellent electro-optic activity. RSC Advances, 2016, 6, 99743-99751.	3.6	11
43	A study of two thermostable NLO chromophores with different Ï€-electron bridges using fluorene as the donor. New Journal of Chemistry, 2015, 39, 1038-1044.	2.8	10
44	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. New Journal of Chemistry, 2019, 43, 15548-15554.	2.8	10
45	Synthesis of novel nonlinear optical chromophore containing bis(trifluoromethyl)benzene as an isolated group. Materials Letters, 2012, 80, 84-86.	2.6	9
46	Enhanced electro-optic activity of two novel bichromophores which are synthesized by Cu(I) catalyzed click-reaction. Dyes and Pigments, 2017, 139, 756-763.	3.7	9
47	Synthesis and optical properties of a crosslinkable polymer system containing tricyanofuranâ€based chromophores with excellent electroâ€optic activity and thermal stability. Polymer International, 2012, 61, 1376-1381.	3.1	8
48	Polymer integrated waveguide optical biosensor by using spectral splitting effect. Photonic Sensors, 2017, 7, 131-139.	5.0	8
49	Systematic study on the optimization of a bis(N,N-diethyl)aniline based NLO chromophore via a stronger electron acceptor, extended Ï€-conjugation and isolation groups. Journal of Materials Chemistry C, 2022, 10, 3343-3352.	5.5	8
50	Synthesis and nonlinear optical properties of novel yâ€type polyurethanes containing different concentrations of chromophore. Journal of Applied Polymer Science, 2013, 128, 2694-2700.	2.6	7
51	Influence of monomer structure on the properties of blue phase liquid crystal. Liquid Crystals, 2018, 45, 1637-1643.	2.2	7
52	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.	2.1	6
53	Synthesis of asymmetric dendrimers with controllable chromophore concentration and improved electro-optical performance. RSC Advances, 2016, 6, 25023-25027.	3.6	5
54	Improving poling efficiency by synthesizing a nonlinear optical chromophore containing two asymmetric non-conjugated Dâ€“Ï€â€“A chains. RSC Advances, 2015, 5, 10497-10504.	3.6	4

#	Article	IF	Citations
55	Enhanced electro-optic activity and thermal stability by introducing rigid steric hindrance groups into double-donor chromophore. Dyes and Pigments, 2018, 159, 222-229.	3.7	4
56	Preparation and characterization of the soluble NLO polyarylates with enhanced electro-optic properties. Polymer Science - Series B, 2012, 54, 297-305.	0.8	3
57	Research of the optimum molar ratio between guest and host chromophores in binary chromophore systems for excellent electro-optic activity. RSC Advances, 2016, 6, 1618-1626.	3.6	2