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## List of Publications by Year in descending order

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57  
papers

1,413  
citations

279798

23  
h-index

361022

35  
g-index

58  
all docs

58  
docs citations

58  
times ranked

761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic study on the optimization of a bis( <i>N,N</i> -diethyl)aniline based NLO chromophore via a stronger electron acceptor, extended $\pi$ -conjugation and isolation groups. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3343-3352.	5.5	8
2	Tailoring the chemical structures and nonlinear optical properties of julolidinyl-based chromophores by molecular engineering. <i>Dyes and Pigments</i> , 2020, 173, 107876.	3.7	14
3	A study on regulating the conjugate position of NLO chromophores for reducing the dipole moment and enhancing the electro-optic activities of organic materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1380-1390.	5.5	16
4	Organic Dye Nanoparticles with a Special D $\pi$ A Structure for Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 5722-5729.	4.6	12
5	Improved electro-optical property by introducing stronger acceptor to thermal stable chromophores using modified julolidine as donor. <i>Dyes and Pigments</i> , 2019, 167, 245-254.	3.7	12
6	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.	2.8	10
7	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.	2.2	24
8	A novel bichromophore based on julolidine chromophores with enhanced transferring efficiency from hyperpolarizability $\chi^{(2)}$ to electro-optic activity. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1031-1037.	5.5	20
9	Structure-function relationship exploration for enhanced electro-optic activity in isophorone-based organic NLO chromophores. <i>Dyes and Pigments</i> , 2018, 157, 55-63.	3.7	36
10	Low-voltage polymer-stabilised blue-phase liquid crystals with oleic acid (OA)-modified LaF <sub>3</sub> nanoparticles. <i>Liquid Crystals</i> , 2018, 45, 1654-1660.	2.2	16
11	Influence of monomer structure on the properties of blue phase liquid crystal. <i>Liquid Crystals</i> , 2018, 45, 1637-1643.	2.2	7
12	Enhanced electro-optic activity and thermal stability by introducing rigid steric hindrance groups into double-donor chromophore. <i>Dyes and Pigments</i> , 2018, 159, 222-229.	3.7	4
13	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.	3.7	9
14	Synthesis of novel nonlinear optical chromophores: achieving enhanced electro-optic activity and thermal stability by introducing rigid steric hindrance groups into the julolidine donor. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1675-1684.	5.5	23
15	Synthesis and characterization of a novel indoline based nonlinear optical chromophore with excellent electro-optic activity and high thermal stability by modifying the $\pi$ -conjugated bridges. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5111-5118.	5.5	40
16	Enhancement of electro-optic properties of bis( <i>N,N</i> -diethyl)aniline based second order nonlinear chromophores by introducing a stronger electron acceptor and modifying the $\pi$ -bridge. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6704-6712.	5.5	29
17	Polymer integrated waveguide optical biosensor by using spectral splitting effect. <i>Photonic Sensors</i> , 2017, 7, 131-139.	5.0	8
18	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.	3.7	18

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19	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.	3.6	11
20	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.	3.7	23
21	Synthesis of asymmetric dendrimers with controllable chromophore concentration and improved electro-optical performance. <i>RSC Advances</i> , 2016, 6, 25023-25027.	3.6	5
22	Research of the optimum molar ratio between guest and host chromophores in binary chromophore systems for excellent electro-optic activity. <i>RSC Advances</i> , 2016, 6, 1618-1626.	3.6	2
23	Facile bromine-termination of nonlinear optical chromophore: remarkable optimization in photophysical properties, surface morphology and electro-optic activity. <i>RSC Advances</i> , 2015, 5, 102108-102114.	3.6	15
24	A systematic study of the structure–property relationship of a series of nonlinear optical (NLO) julolidinyl-based chromophores with a thieno[3,2-b]thiophene moiety. <i>Journal of Materials Chemistry C</i> , 2015, 3, 370-381.	5.5	41
25	Improving poling efficiency by synthesizing a nonlinear optical chromophore containing two asymmetric non-conjugated D–A chains. <i>RSC Advances</i> , 2015, 5, 10497-10504.	3.6	4
26	The synthesis of new double-donor chromophores with excellent electro-optic activity by introducing modified bridges. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 5776-5784.	2.8	32
27	Auxiliary donor for tetrahydroquinoline-containing nonlinear optical chromophores: enhanced electro-optical activity and thermal stability. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9283-9291.	5.5	39
28	Novel chromophores with excellent electro-optic activity based on double-donor chromophores by optimizing thiophene bridges. <i>Dyes and Pigments</i> , 2015, 122, 139-146.	3.7	22
29	Enhanced electro-optic activity from the triarylaminophenyl-based chromophores by introducing heteroatoms to the donor. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5297-5306.	5.5	25
30	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. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3913-3921.	5.5	24
31	Synthesis and optical nonlinear properties of novel Y-shaped chromophores with excellent electro-optic activity. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11423-11431.	5.5	14
32	Synthesis of novel nonlinear optical chromophores: achieving excellent electro-optic activity by introducing benzene derivative isolation groups into the bridge. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11595-11604.	5.5	47
33	Using phenoxazine and phenothiazine as electron donors for second-order nonlinear optical chromophore: Enhanced electro-optic activity. <i>Dyes and Pigments</i> , 2015, 114, 196-203.	3.7	50
34	A study of two thermostable NLO chromophores with different $\pi$ -electron bridges using fluorene as the donor. <i>New Journal of Chemistry</i> , 2015, 39, 1038-1044.	2.8	10
35	Microwave-assisted synthesis of novel julolidinyl-based nonlinear optical chromophores with enhanced electro-optic activity. <i>RSC Advances</i> , 2014, 4, 65088-65097.	3.6	15
36	Novel NLO-phores containing dihexyl amino benzo[b]thiophene exhibiting good transparency and enhanced electro-optical activity. <i>RSC Advances</i> , 2014, 4, 15870-15876.	3.6	11

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37	Novel second-order nonlinear optical chromophores containing multi-heteroatoms in donor moiety: Design, synthesis, DFT studies and electro-optic activities. <i>Dyes and Pigments</i> , 2014, 102, 142-149.	3.7	51
38	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 guest-host electro-optic materials. <i>Dyes and Pigments</i> , 2014, 104, 15-23.	3.7	97
39	Synthesis and electro-optic activities of new side-chain polycarbonates containing nonlinear optical chromophores and isolation groups. <i>RSC Advances</i> , 2014, 4, 4395-4402.	3.6	16
40	Comparison of second-order nonlinear optical chromophores with Dâ€“â€“â€“A, Dâ€“Aâ€“â€“â€“A and Dâ€“Dâ€“â€“â€“A architectures: diverse NLO effects and interesting optical behavior. <i>RSC Advances</i> , 2014, 4, 52991-52999.	3.6	38
41	Synthesis and optical nonlinear property of Y-type chromophores based on double-donor structures with excellent electro-optic activity. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5124-5132.	5.5	62
42	Novel electro-optic chromophores based on substituted benzo[1,2-b:4,5-bâ€²]dithiophene ï€-conjugated bridges. <i>RSC Advances</i> , 2014, 4, 25532-25539.	3.6	17
43	Comparison of nonlinear optical chromophores containing different conjugated electron-bridges: the relationship between molecular structure-properties and macroscopic electro-optic activities of materials. <i>RSC Advances</i> , 2014, 4, 49737-49744.	3.6	43
44	Synthesis and properties of a new second-order NLO chromophore containing the benzo[b]furan moiety for electro-optical materials. <i>RSC Advances</i> , 2014, 4, 33312-33318.	3.6	12
45	Nonlinear optical chromophores containing a novel pyrrole-based bridge: optimization of electro-optic activity and thermal stability by modifying the bridge. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7785-7795.	5.5	64
46	Hydrogen-bonded network: An effective approach to improve the thermal stability of organic/polymer electro-optic materials. <i>Science China Chemistry</i> , 2013, 56, 169-173.	8.2	13
47	Facile synthesis and electro-optic activities of new polycarbonates containing tricyanofuranâ€based nonlinear optical chromophores. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2841-2849.	2.3	30
48	Synthesis and optical properties of new fluorinated second-order nonlinear optical copolymers: an attempt toward the balance between solubility and long-term alignment stability. <i>Polymer Chemistry</i> , 2013, 4, 2703.	3.9	40
49	Synthesis and nonlinear optical properties of novel ã€type polyurethanes containing different concentrations of chromophore. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2694-2700.	2.6	7
50	Synthesis and electro-optical features of a high T g polymer system with excellent electro-optic activity and thermal stability. <i>Colloid and Polymer Science</i> , 2012, 290, 1819-1823.	2.1	6
51	Synthesis and optical properties of a crosslinkable polymer system containing tricyanofuranâ€based chromophores with excellent electro-optic activity and thermal stability. <i>Polymer International</i> , 2012, 61, 1376-1381.	3.1	8
52	Synthesis of novel nonlinear optical chromophore to achieve ultrahigh electro-optic activity. <i>Chemical Communications</i> , 2012, 48, 9637.	4.1	95
53	Enhanced electro-optic coefficient ( $r_{33}$ ) in nonlinear optical chromospheres with novel donor structure. <i>RSC Advances</i> , 2012, 2, 1416-1423.	3.6	67
54	Synthesis of novel nonlinear optical chromophore containing bis(trifluoromethyl)benzene as an isolated group. <i>Materials Letters</i> , 2012, 80, 84-86.	2.6	9

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55	Preparation and characterization of the soluble NLO polyarylates with enhanced electro-optic properties. <i>Polymer Science - Series B</i> , 2012, 54, 297-305.	0.8	3
56	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
57	Near-infrared luminescence properties of erbium complexes with the substituted phthalocyaninato ligands. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 474-479.	2.9	12