

# Nonlinear Optical Materials for the Smart Filtering of O

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Emerging Low-Dimensional Materials for Nonlinear Optics and Ultrafast Photonics. <i>Advanced Materials</i> , 2017, 29, 1605886.	11.1	265
2	Metal ion binding by laterally non-symmetric macrobicyclic oxazaza cryptands. <i>Dalton Transactions</i> , 2017, 46, 5742-5775.	1.6	15
3	Corrole-phenothiazine and porphyrin-phenothiazine dyads connected at $\hat{I}^2$ -position: Synthesis and photophysical properties. <i>Dyes and Pigments</i> , 2017, 143, 368-378.	2.0	15
4	Composites Containing Fullerenes and Polysaccharides: Green and Facile Synthesis, Biocompatibility, and Antimicrobial Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5408-5417.	3.2	20
5	Azonia aromatic heterocycles as a new acceptor unit in D- $\hat{I}$ -A + vs D-A + nonlinear optical chromophores. <i>Dyes and Pigments</i> , 2017, 144, 17-31.	2.0	11
6	Quadratic nonlinear optical (NLO) properties of borazino ( $B_{3N3}$ )-doped nanographenes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8273-8287.	2.7	33
7	Synthesis, structure, and photophysical properties of luminescent zinc and cadmium complexes containing 2-pyridyl-substituted pyrrolo[2,3-b]quinoxaline. <i>Polyhedron</i> , 2017, 133, 294-301.	1.0	4
8	4-N, N-bis(4-methoxyphenyl) aniline substituted anthraquinone: X-ray crystal structures, theoretical calculations and third-order nonlinear optical properties. <i>Optical Materials</i> , 2017, 70, 131-137.	1.7	16
9	Plasmonic Antireflection Coating for Photoconductive Terahertz Generation. <i>ACS Photonics</i> , 2017, 4, 1350-1354.	3.2	27
10	Structural analysis of chalcone derivative: 2- $\{4\{2E\}3\{4\{fluorophenyl\}prop-2-enoyl\}phenoxy\}$ acetic acid hydrate. <i>Chemical Data Collections</i> , 2017, 9-10, 61-67.	1.1	3
11	Nonlinear Optical Properties and Temperature Dependent Photoluminescence in hBN-GO Heterostructure 2D Material. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8060-8069.	1.5	38
12	Simple and Efficient Synthesis of Explosive Cocrystals containing 3,5-dimethylpyrazol-4-yl substituted 1,2,4,5-tetrazines. <i>Chemistry - A European Journal</i> , 2017, 23, 16466-16471.	1.7	21
13	Correlation of Photophysical Properties with the Photoacoustic Emission for a Selection of Established Chromophores. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24168-24178.	1.5	19
14	Optical limiters with improved performance based on nanoconjugates of thiol substituted phthalocyanine with CdSe quantum dots and Ag nanoparticles. <i>Dalton Transactions</i> , 2017, 46, 16190-16198.	1.6	36
15	Polyaniline decorated $Bi_2MoO_6$ nanosheets with effective interfacial charge transfer as photocatalysts and optical limiters. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28696-28709.	1.3	60
16	First Examples of Pyran Based Colorants as Sensitizing Agents of p-Type Dye-Sensitized Solar Cells. <i>Journal of the Electrochemical Society</i> , 2017, 164, F1412-F1418.	1.3	13
17	The Power of Heterometalation through Lithium for Helix Chain-Based Noncentrosymmetric Metal-Organic Frameworks with Tunable Second-Harmonic Generation Effects. <i>Crystal Growth and Design</i> , 2017, 17, 5634-5639.	1.4	11
18	Optical limiting properties of 2,6-dibromo-3,5-distyrylBODIPY dyes at 532 nm. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 523-531.	0.4	21

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20	Extended Ladder-Type Benzo[ <i>k</i> ]tetraphene-Derived Oligomers. Angewandte Chemie - International Edition, 2017, 56, 13727-13731.	7.2	46
21	Organic NLO material with H-bonded 1D helical self-assembly: synthesis, X-ray crystal structure, DFT calculations, SHG measurements and thermal studies of (5Z,6E)-1,10-phenanthroline-5,6-dione dioxime. CrystEngComm, 2017, 19, 5251-5258.	1.3	12
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30	Multifunctional nitrogen sulfur co-doped reduced graphene oxide Ag nano hybrids (sphere, cube) Tj ETQq1 1 0.784314 rgBT /Ove	5.4	47
31	Synthesis, properties and structure of copper(II) complexes of quinolyl azo derivatives of pyrazole-5-one(thione). Polyhedron, 2018, 146, 1-11.	1.0	8
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35	Broadband optical limiting and nonlinear optical graphene oxide co-polymerization Ormosil glasses. Advanced Composites and Hybrid Materials, 2018, 1, 397-403.	9.9	8
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40	Twistacene contained molecule for optical nonlinearity: Excited-state based negative refraction and optical limiting. <i>Optics and Laser Technology</i> , 2018, 102, 93-99.	2.2	14
41	Crystal packing analysis of 1-(3,4-dimethoxyphenyl)-3-(4-bromophenyl)prop-2-en-1-one exhibiting a putative halogen bond C Br $\cdots$ O. <i>Journal of Molecular Structure</i> , 2018, 1156, 216-223.	1.8	17
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43	Synthesis and Investigations of Chiral NNO Type Copper(II) Coordination Polymers. <i>ChemistrySelect</i> , 2018, 3, 653-656.	0.7	7
44	Optical nonlinearities and excited state dynamics of self-assembled cobalt phthalocyanine multilayer films. <i>Materials Letters</i> , 2018, 221, 279-281.	1.3	15
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74	Substituent Dependent Optical Properties of p-phenyl Substituted ethenyl-E-thiophenes. <i>Journal of Fluorescence</i> , 2018, 28, 1207-1216.	1.3	7
75	Strong reverse saturable absorption effect of a nonaggregated phthalocyanine-grafted MA-VA polymer. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9767-9777.	2.7	27
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86	Multiresponsive UV-One-Photon Absorption, Near-Infrared-Two-Photon Absorption, and X <sup>3</sup> -Photoelectric Absorption Luminescence in One [Cu <sub>4</sub> L <sub>4</sub> ] Compound. <i>Inorganic Chemistry</i> , 2019, 58, 10736-10742.	1.9	27
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132	Nanographene Imides Featuring Dual-Core Sixfold [5]Helicenes. Angewandte Chemie - International Edition, 2019, 58, 178-183.	7.2	86
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