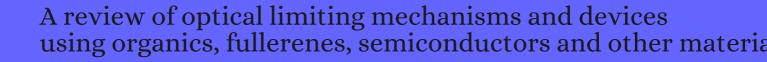
CITATION REPORT List of articles citing



DOI: 10.1016/0079-6727(93)90004-s Progress in Quantum Electronics, 1993, 17, 299-338.

Source: https://exaly.com/paper-pdf/23786907/citation-report.pdf

Version: 2024-04-17

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1068	Flowing Afterglow Synthesis of Polymer Films with Nonlinear Optical Properties. 1994 , 374, 123		1
1067	Solvent Effects on C60 Excited State Cross Sections. 1994 , 374, 293		4
1066	Multiphasic Nanostructured Composites for Photonics. 1995 , 413, 203		1
1065	Optical nonlinearity in a mode-locking dye: optical limiting and four wave mixing. <i>Chemical Physics Letters</i> , 1995 , 245, 287-291	2.5	5
1064	Fullerenes, nanotubes, onions and related carbon structures. 1995 , 15, 209-262		118
1063	Two-photon absorption based optical limiting and stabilization in organic molecule-doped solid materials. 1995 , 117, 133-136		134
1062	Two-photon absorption and optical-limiting properties of novel organic compounds. <i>Optics Letters</i> , 1995 , 20, 435-7	3	411
1061	Three-photon-absorption-induced fluorescence and optical limiting effects in an organic compound. <i>Optics Letters</i> , 1995 , 20, 1524-6	3	123
1060	Optical power filter: a new kind of passive nonlinear-optical device. <i>Optics Letters</i> , 1996 , 21, 305-7	3	2
1059	Enhanced optical limiting in derivatized fullerenes. <i>Optics Letters</i> , 1996 , 21, 922-4	3	60
1058	Nonlinear-optical Christiansen filter as an optical power limiter. <i>Optics Letters</i> , 1996 , 21, 1643-5	3	18
1057	On the contribution of nonlinear scattering to optical limiting in C60 solution. 1996 , 63, 223-226		
1056	Nonlinear multiphoton processes in organic and polymeric materials. 1996 , 59, 1041-1070		428
1055	Organic Optical Limiter with a Strong Nonlinear Absorptive Response. 1996 , 273, 1533-1536		635
1054	Nanostructured Materials for Photonics. 1996 , 435, 535		3
1053	Optical Nonlinearities of Phthalocyanines and Naphthalocyanines. 1996 , 43, 123-132		7
1052	Optical limiting in short chain basket handle porphyrins. <i>Chemical Physics Letters</i> , 1996 , 263, 241-246	2.5	21

1051	Optical power limiting in multilayer systems with nonlinear response. 1996 , 53, 1429-1437	7
1050	Applications of Carbon Nanostructures. 1996 , 870-917	8
1049	Studies of two-photon pumped frequency-upconverted lasing properties of a new dye material. 1997 , 81, 2529-2537	121
1048	Measurements of the triplet state nonlinearity of C60 in toluene using a Z-scan technique with a nanosecond laser. 1997 , 71, 2073-2075	16
1047	Photoinduced intermolecular Charge-Transfer Systems for Optical Limiting. 1997 , 479, 103	2
1046	Photorefractive Effect in CdSSe:V Crystals. 1997 , 479, 209	
1045	Optical Limiting in Fullerene Materials. 1997 , 479, 69	2
1044	Two-Photon Absorbing Organic Chromophores for Optical Limiting. 1997 , 479, 9	17
1043	Optical Limiting Processes in Derivatized Fullerenes and Porphyrins/Phthalocyanines. 1997 , 488, 237	2
1042	Phosphaalkyne-Bridged Clusters: Synthesis, Characterization, and Nonlinear Optical Properties of Fe4Se2(E5e2PCBut)(CO)11. 1997 , 16, 3815-3818	20
1041	Reverse saturable absorption and optical limiting in C60 solution in the near-infrared. 1997 , 71, 46-48	42
1040	Determination of nonlinear absorption mechanisms using a single pulse width laser. 1997 , 82, 2004-2006	8
1039	Nonlinear absorption and emission of excited states in metalloporphyrin-doped sol gels. 1997,	3
1038	Optical limiting, pulse reshaping, and stabilization with a nonlinear absorptive fiber system. <i>Applied Optics</i> , 1997 , 36, 3387-92	37
1037	Optimization of optical limiting devices based on excited-state absorption. <i>Applied Optics</i> , 1997 , 36, 411 0.7 2	103
1036	Optical limiting with C(60) and other fullerenes. <i>Applied Optics</i> , 1997 , 36, 7794-8	61
1035	Two-photon absorption and broadband optical limiting with bis-donor stilbenes. <i>Optics Letters</i> , 1997 , 22, 1843-5	626
1034	Nonlinear optical properties of a new chromophore. 1997 , 14, 1079	137

1033	Fullerene doped glasses as solid state optical limiters. 1997 , 84, 931-932	15
1032	Nonlinear Effects in Chromophore Doped Sol-Gel Photonic Materials. 1997 , 9, 169-181	
1031	Femtosecond to nanosecond dynamics in fullerenes: Implications for excitedstate optical nonlinearities. 1997 , 23, 587-600	22
1030	Nonlinear effects in chromophore doped sol-gel photonic materials. 1997 , 9, 169-181	15
1029	Optical limiting properties of In2O3 nanoparticles under cw laser illumination. <i>Optical Materials</i> , 1997 , 7, 103-107	29
1028	Laser-induced breakdown in aqueous media. <i>Progress in Quantum Electronics</i> , 1997 , 21, 155-248 9.1	235
1027	Novel, Organically Doped, Sol G el-Derived Materials for Photonics: Multiphasic Nanostructured Composite Monoliths and Optical Fibers. 1997 , 11, 107-127	60
1026	Third-order optical non-linearity in Zn(II) complexes of 5,10,15,20-tetraarylethynyl-substituted porphyrins. <i>Chemical Physics Letters</i> , 1997 , 267, 229-233	123
1025	Dispersion studies of non-linear absorption in C60 using Z-scan. Chemical Physics Letters, 1998, 297, 491-498	94
1024	Synthesis, characterisation and nonlinear optical properties of tetrahedral clusters Cp2Mo2ME(CO)7, (M=Fe, Ru, Os; E=S, Se). 1998 , 568, 197-204	15
1023	Measurement of the C60 molecular polarizability of the excited singlet state using Z-scan. 1998 , 145, 53-56	15
1022	Nonlinear absorption and optical limiting IN metalloporphyrins. 1998 , 147, 328-332	41
1021	Enhanced optical limiting performance of a novel molybdenum complex of fullerene. 1998 , 150, 201-204	15
1020	Subpicosecond reverse saturable absorption in organic and organometallic solutions. 1998 , 158, 201-212	47
1019	Optical limiting and upconverted luminescence in metalloporphyrin-doped sol-gels. 1998 , 107, 101-106	24
1018	Intersystem-crossing and excited-state absorption of C70 studied by picosecond pump and probe absorption and fluorescence measurements. 1998 , 115, 89-97	7
1017	Multiphoton absorption in organic dye solutions. <i>Optical Materials</i> , 1998 , 9, 347-351	28
1016	Optical limiting properties of a zinc porphyrin polymer and its dimer and monomer model compounds. 1998 , 231, 87-94	81

1015	Synthesis and third-order nonlinear optical properties of linear p-acenequinones. 1998, 92, 235-243	8
1014	Analysis of the performance of a thermal defocusing optical limiter in the transient regime. 1998 , 34, 1867-1872	1
1013	Optical power limiting and stabilization based on a novel polymer compound. 1998, 34, 2279-2285	90
1012	Remarkable NLO Response and Infrared Absorption in Simple Twisted Molecular Echromophores. 1998 , 120, 11174-11181	129
1011	One- and Two-Photon-Pumped Fluorescence from Rhodamine B in Solid Poly(acrylic acid) under High Pressure. 1998 , 102, 4380-4385	19
1010	Liquid Crystalline Polyacetylenes: Synthesis and Properties of Poly{n-[((4Eyano-4-biphenylyl)oxy)carbonyl]-1-alkynes}. 1998 , 31, 2419-2432	122
1009	Photophysical and Nonlinear Absorptive Optical Limiting Properties of [60]Fullerene Dimer and Poly[60]fullerene Polymer. 1998 , 102, 5999-6009	45
1008	Nonlinear light absorption of polymethine dyes in liquid and solid media. 1998 , 15, 802	50
1007	Phase-conjugation properties of two-photon-pumped backward-stimulated emission I Experimental studies. 1998 , 15, 1078	17
1006	Excited-state absorption spectroscopy of metallo-porphyrin dyes with both Q- and B-band excitation. 1998 ,	
1005	Two-Photon Absorption and Excited-State Refractions in Anthraquinone Dyes. 1998, 45, 659-665	5
1004	Nonlinear optical properties of pushpull stilbenes based on a strong carbocation acceptor moiety. 1999 , 111, 7486-7492	17
1003	Optical limiting performance of a novel lalternating polymer. 1999 , 162, 53-56	11
1002	Optical-limiting properties of a pushpull diphenyl-butadiene. 1999 , 169, 325-332	22
1001	Nonlinear absorption and optical limiting of fullerene complex C60[W(CO)3diphos] in toluene solutions and sol gel films. 1999 , 83-84, 241-246	25
1000	Molecular photonics of a highly nonlinear organic fiber core liquid for picosecondflanosecond optical limiting application. 1999 , 245, 517-531	20
999	Non-linear optical properties of the mixed-metal mixed-chalcogen clusters [Fe2(CO)6{ESeC(Ph)?C(Se)}{(OEt)C?Cr(CO)5}] and [Fe2(CO)6Se2{E(CO)3Cr(B-C5H(CH2Ph)(Ph)(OEt)}]. Chemical Physics Letters, 1999, 313, 719-724	19
998	Fullerenes and Nanotubes. 1999 , 35-94	9

997	New Two-Photon Absorbing Fluorene Derivatives: Synthesis and Nonlinear Optical Characterization. 1999 , 1, 1575-1578		191
996	Optical limiting and thermal lensing studies in C60. 1999 , 86, 1388-1392		65
995	Organometallic Complexes in Nonlinear Optics II: Third-Order Nonlinearities and Optical Limiting Studies. 1999 , 43, 349-405		155
994	Investigation of transient nonlinear optical mechanisms using a variable pulselength laser. 1999 , 35, 187-197		2
993	Optical limiting and nonlinear absorption of excited states in metalloporphyrin-doped sol gels. 1999 , 35, 1004-1014		30
992	Strong Optical Limiting of Silver-Containing Nanocrystalline Particles in Stable Suspensions. 1999 , 103, 77-82		200
991	Optical Limiting Properties of [60]Fullerene and Methano[60]fullerene Derivative in Solution versus in Polymer Matrix: The Role of Bimolecular Processes and a Consistent Nonlinear Absorption Mechanism. 1999 , 103, 485-495		76
990	Control of nonlinear absorption and amplification of light in Er^3+-doped fluoroindate glass. 1999 , 16, 1995		8
989	Femtosecond to Nanosecond Characterization of Optical Limiting Mechanisms in Power Limiting Liquids and Solids. 1999 , 597, 437		1
988	Optical limiting and non linear optical properties of fullerene derivatives embedded in hybrid solgel glasses. 2000 , 38, 1653-1662		46
987	Two-photon absorption in mesoionic compounds pumped at the visible and at the infrared. <i>Chemical Physics Letters</i> , 2000 , 332, 13-18	2.5	21
986	Z-scan of excited-state nonlinear materials with reverse saturable absorption. 2000 , 183, 523-527		24
985	Optical limiting property of molybdenum complex of fullerene C70. 2000 , 184, 309-313		17
984	Holographic recording in thin C70-doped polymer organic films. 2000 , 185, 363-367		12
983	Nonlinear optical characteristics of C60 and C70 films and solutions. 2000 , 185, 473-478		51
982	Optical limiting and bistability of a Iphotoconductive copolymer. <i>Chemical Physics Letters</i> , 2000 , 331, 71-77	2.5	5
981	OPTICAL LIMITING WITH CARBON SUSPENSIONS AT SELECTED WAVELENGTHS AND PULSE LENGTHS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2000 , 09, 243-259	0.8	5
980	PICOSECOND REVERSE SATURABLE ABSORPTION AND OPTICAL LIMITING IN FULLERENES AND THEIR METAL DERIVATIVES. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2000 , 09, 505-521	0.8	12

(2000-2000)

979	PICOSECOND OPTICAL LIMITING PERFORMANCE OF A NOVEL PPV-ZnPc CONJUGATED POLYMER. Journal of Nonlinear Optical Physics and Materials, 2000 , 09, 289-296	2	2
978	OPTICAL LIMITING AND RELATED UPCONVERTED EMISSION IN FULLERENE COMPLEX. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2000 , 09, 269-287		8
977	Molecular engineering of organic materials for nonlinear absorption in the visible range: the excited states of tetraphenyl-diamine derivatives. 2000 , 2, 268-271	-	12
976	Variation of laser induced retinal-damage threshold with retinal image size. 2000 , 12, 74-80	1	25
975	Propagation of the electromagnetic field in optical-limiting reverse-saturable absorbers. 2000 , 61,	-	7
974	ALL-OPTICAL POWER LIMITING. Journal of Nonlinear Optical Physics and Materials, 2000 , 09, 343-364 o.8		10
973	Analysis of spatial light modulation characteristics of C60. 2000 , 77, 2656-2658	ź	28
972	Optical limiting properties of mono- and multiple-functionalized fullerene derivatives. 2000 , 112, 4221-423	0	34
971	Analytical approach to dynamics of reverse saturable absorbers. 2000 , 17, 1884	2	26
970	Quasi-Resonant Nonlinear Absorption for Optical Power Limiting: solgel-Processed Er(3+)-Doped Multicomponent Silica Glass. <i>Applied Optics</i> , 2000 , 39, 2433-6	ž	2
969	Optical power limiting properties of organic crystals and nanocrystals in an f/5 optical system. 2000 , 109, 215-218	-	7
968	Pump-probe experiments at 1064 nm in singlewall carbon nanotube suspensions. 2000 , 36, 680-686	Ĵ	30
967	C60-Containing Poly(1-phenyl-1-alkynes): Synthesis, Light Emission, and Optical Limiting 2000 , 12, 1446-1455	-	79
966	Picosecond optical nonlinearity in monolayer-protected gold, silver, and gold-silver alloy nanoclusters. 2000 , 62, 13160-13166	:	267
965	Effect of Axial Substitution on the Optical Limiting Properties of Indium Phthalocyanines. 2000 , 104, 1438-1449	ź	256
964	OPTICAL LIMITING STUDIES IN PHOTOREFRACTIVE PURE AND IRON-DOPED Bi12SiO20 CRYSTALS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2000 , 09, 217-225		11
963	Two-Photon Excitation and Optical Spatial-Profile Reshaping via a Nonlinear Absorbing Medium 2000, 104, 4805-4810	(96
962	NONLINEAR OPTICAL LIMITERS WITH GRATING SANDWICH STRUCTURE FOR EYE PROTECTION. Journal of Nonlinear Optical Physics and Materials, 2000 , 09, 413-422	4	4

961	Optical Limiting Chromophores. Correlation Effects in Computing TripletII riplet Absorption Energies of Organic Molecules. 2000 , 104, 837-844		13
960	Optical Limiting Properties of Suspended and Solubilized Carbon Nanotubes§. 2000, 104, 7071-7076		251
959	NONLINEAR OPTICAL PROPERTIES OFPBSNANOPARTICLES UNDER CW LASER ILLUMINATION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2000 , 09, 117-125	0.8	15
958	NANOMATERIALS AS OPTICAL LIMITERS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2000 , 09, 481-503	0.8	88
957	Large Optical Limiting from Novel Metal Dendrimer Nanocomposite Materials. 2000, 122, 11005-11006		142
956	Optical switching in organometallic phthalocyanine. 2001 , 3, 188-190		131
955	Phthalocyanines: Synthesis, Supramolecular Organization, and Physical Properties. 2001, 1-111		45
954	OPTICAL LIMITING PROPERTIES OF OPTICALLY ACTIVE METAL-FREE AND METAL PHTHALOCYANINES SUBSTITUTED WITH CHIRAL BINAPHTHYL CROWN ETHER UNITS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2001 , 10, 423-429	0.8	10
953	Two Examples of Pressure Tuning Spectroscopy in Solid Polymeric Media. 2001 , 40, 3038-3041		1
952	Reverse saturable absorption and anti-Stokes fluorescence in mesoionic compounds pumped at 532 nm. <i>Applied Optics</i> , 2001 , 40, 1389-95	1.7	10
951	Third-order nonlinear optical properties of undoped polyaniline solutions and films probed at 532 nm. 2001 , 18, 1099		13
950	Nonlinear optical refractive indices and absorption coefficients of 即unsaturated ketone derivatives. 2001 , 18, 1456		18
949	Nanosecond reverse saturable absorption and optical limiting in (Me_4N)_2[Cd(dmit)(Sph)_2]. 2001 , 18, 1464		12
948	Passive optical limiting of picosecond-nanosecond laser pulses using highly nonlinear organic liquid cored fiber array. 2001 , 7, 760-768		22
947	Peculiarities of optical limiting effect in Etonjugated organic systems based on 2-cyclooctylamino-5-nitropyridine doped with C70. 2001 , 3, 321-325		24
946	Studies on two-photon pumped frequency up-converted lasing properties of a new material HMASPS. 2001 , 48, 1113-1122		3
945	Organic materials for optical limiting. 2001 , 347-366		1
944	Enhanced Nonlinear Optical Response in Zwitterionic Molecules: A Computational Study on the Role of Orbital Interactions through Bonds. 2001 , 105, 8727-8733		40

943	Chemical studies on the nonlinear optics of coordination compounds. 2001 , 46, 178-184		9
942	Saturable absorption dynamics in the triplet system and triplet excitation induced singlet fluorescence of some organic molecules. 2001 , 263, 471-490		14
941	Excited state processes of upconverted emission of fullerene and related complex. 2001 , 94-95, 181-18	5	3
940	Studies on the lasing properties of a new two-photon absorbing material HEASPI. 2001 , 192, 315-322		3
939	Fullerene-doped Econjugated organic systems under infrared laser irradiation. 2001, 194, 367-372		21
938	Temporal and spectral properties of two-photon pumped upconverted fluorescence and cavity lasing of an organic dye PSPI. 2001 , 198, 407-410		5
937	Z-scan measurements of the nonlinear absorption and refractive index for fluorescein 548-doped organically modified solgel silica films. <i>Optical Materials</i> , 2001 , 18, 235-241	3.3	15
936	Photophysical properties and TPA optical limiting of two new organic compounds. <i>Chemical Physics Letters</i> , 2001 , 333, 387-390	2.5	38
935	Optical limiting properties of optically active phthalocyanine derivatives. <i>Chemical Physics Letters</i> , 2001 , 340, 261-266	2.5	54
934	Optical limiting response in a unsymmetrical dithiolene metal complex (Me4N)2[Zn(dmit)(Sph)2]. <i>Chemical Physics Letters</i> , 2001 , 342, 323-327	2.5	14
933	Electrical and optical properties of pristine and polymerized fullerenes. 2001, 35, 243-278		94
932	Nonlinear optical characteristics of colloidal solutions of metals. 2001 , 90, 568-573		10
931	Properties of optical limitation of radiation in Econjugated organic systems doped with fullerenes (The COANP-C70 system). 2001 , 90, 931-937		4
930	LASING PROPERTIES OF A NEW TWO-PHOTON-ABSORBING MATERIAL TRANS-4-[p- (N-HYDROXYETHYL-N-ETHYLAMINO)STYRYL]- N-METHYLPYRIDINIUM p-TOLUENE SULFONATE. Journal of Nonlinear Optical Physics and Materials, 2001 , 10, 281-291	0.8	
929	Optical Limiting Performance of a Crystal Violet Cation Fulleride Salt. 2001 , 18, 1078-1080		4
928	Two-photon pumped frequency up-converted lasing properties of a new material DEASMPI. 2001 , 40, 783		9
927	Two-Photon Absorption and Optical Power Limiting Based on New Organic Dyes. 2001 , 18, 1120-1122		11
926	Optical limiting behavior of a glassderamic containing sodium niobate crystallites. 2001 , 79, 584-586		60

925	Degenerate four-wave mixing and Z-scan measurements of stilbazolium derivatives. 2001 , 78, 1817-1819		32
924	Organic nanocrystals grown in gel glasses for optical-power-limiting applications. 2001 , 78, 2569-2571		36
923	Effects of Lenters and symmetry on two-photon absorption cross sections of organic chromophores. 2001 , 114, 9813-9820		178
922	Synthesis and Properties of a New Two-photon-absorbed Material Heasps. 2001 , 39, 507-519		
921	Tungstate fluorophosphate glasses as optical limiters. 2002 , 91, 10221		41
920	Two-Photon-Absorption Induced Superradiance of a New Organic Dye PSPS. 2002 , 19, 739-741		1
919	Nonlinear Light Absorption in Porphyrin Derivatives Including the Complexes of the IIIa Metal Group. 2002 , 49, 875-881		3
918	C60/Zeolite Semiconductor Electrode and the Gas Sensing. 2002, 106, 4155-4161		16
917	Experimental evidence for the photoisomerization of higher fullerenes. 2002 , 124, 12400-1		11
916	Enhanced optical limiting performance of a nonlinear absorber in a solution containing scattering nanoparticles. <i>Optics Letters</i> , 2002 , 27, 740-2		20
915	Picosecond optical limiting in reverse saturable absorbers: a theoretical and experimental study. 2002 , 19, 94		34
914	Upconversion fluorescence and optical power limiting effects based on the two- and three-photon absorption process of a new organic dye BPAS. <i>Applied Optics</i> , 2002 , 41, 1120-3	7	33
913	Enhanced optical limiting and nonlinear absorption properties of azoarene-appended phosphorus (V) tetratolylporphyrins. <i>Applied Optics</i> , 2002 , 41, 7631-6	7	31
912	Estimation of Two-Photon Absorption Characteristics by a Global Fitting Procedure. 2002 , 56, 1508-1511		5
911	Optical Limiting Applications. 2002 , 295-326		5
910	Nonlinear optical absorption of antimony and lead oxyhalide glasses. 2002 , 81, 4694-4696		34
909	Experiment and analysis of two-photon absorption spectroscopy using a white-light continuum probe. 2002 , 38, 1205-1216		61
908	An Axially Bridged Indium Phthalocyanine Dimer with an In?In Bond. <i>Angewandte Chemie</i> , 2002 , 114, 3373-3376	6	2

907	An axially bridged indium phthalocyanine dimer with an IN[bond]IN bond. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3239-42	16.4	34	
906	Stimulated photoluminescence and optical limiting in CdI2. Optical Materials, 2002, 20, 279-282	3.3	16	
905	Theoretical study of linear and nonlinear absorption in platinum-organic compounds. 2002 , 285, 207-220)	43	
904	Heavy atom effect on nonlinear absorption and optical limiting characteristics of 5,10,15,20-(tetratolyl) porphyrinato phosphorus (V) dichloride. 2002 , 202, 347-352		32	
903	A theoretical and experimental study on optical limiting in platinum nanoparticles. 2002 , 203, 283-288		61	
902	Nonlinear refractive properties of organometallic fullerene-C60 derivatives. 2002 , 205, 337-341		14	
901	Two-photon absorption spectra of new organic compounds. <i>Chemical Physics Letters</i> , 2002 , 352, 240-244	1 2.5	20	
900	An AM1 study of the two-photon absorption in bis(styryl)benzene derivatives. <i>Chemical Physics Letters</i> , 2002 , 361, 71-78	2.5	12	
899	Nonlinear absorption and excited state dynamics in Rhodamine B studied using Z-scan and degenerate four wave mixing techniques. <i>Chemical Physics Letters</i> , 2002 , 361, 439-445	2.5	70	
898	Optical Limiting Properties of Double-C60-End-Capped Poly(ethylene oxide), Double-C60-End-Capped Poly(ethylene oxide)/Poly(ethylene oxide) Blend, and Double-C60-End-Capped Poly(ethylene oxide)/Multiwalled Carbon Nanotube Composite. 2003,		43	
897	Nonlinear light transmission through oxide-protected Au and Ag nanoparticles: an investigation in the nanosecond domain. <i>Chemical Physics Letters</i> , 2003 , 380, 223-229	2.5	58	
896	Near-infrared continuum generation of femtosecond and picosecond pulses in doped optical fibers. <i>Applied Physics B: Lasers and Optics</i> , 2003 , 77, 219-225	1.9	4	
895	Optical limiting performance of two soluble multi-walled carbon nanotubes. <i>Chemical Physics Letters</i> , 2003 , 380, 201-205	2.5	53	
894	Variations of nonlinear optical characteristics of C60 thin films at 532 nm. 2003 , 225, 131-139		26	
893	Nonlinear optical absorption studies of new indium(III) porphyrazines: influence of additional benzo-annulation. 2003 , 228, 119-125		15	
892	The primary investigation of optical-limiting effects of optical active phthalocyanine derivative TMBO-SiPc. 2003 , 125, 27-30		6	
891	Nonlinear absorption of light: two-photon absorption and optical saturation in metalloporphyrin-doped boric acid glass. 2003 , 286, 293-302		22	
890	Third-order nonlinearity and optical limiting studies in phosphorus (V) porphyrins with charge transfer states. <i>Optical Materials</i> , 2003 , 21, 565-568	3.3	21	

889	Synthesis and characterization of (octaaryltetraazaporphyrinato)indium(III) complexes for optical limiting. 2003 , 42, 2683-94	64
888	Porphyrazines with annulated diazepine rings. 2. Alternative synthetic route to tetrakis-2,3-(5,7-diphenyl-1,4-diazepino)porphyrazines: new metal complexes, general physicochemical data, ultraviolet-visible linear and optical limiting behavior, and electrochemical	67
887	Nanoscale Cavities for Fulleropyrrolidinium in Nafion Membrane. 2003 , 15, 4739-4744	13
886	Nonlinear Optical Properties of Metal Complexes. 2003, 621-687	35
885	Saturable and reverse saturable absorption of Rhodamine B in methanol and water. 2003 , 20, 2470	135
884	Optical properties of the fullerene-doped polyimide in the near infrared. 2003 , 138, 317-322	11
883	Perfluorinated phthalocyanines for optical limiting: Evidence for the direct correlation between substituent electron withdrawing character and the nonlinear optical effect. 2003 , 119, 4857-4864	57
882	Phthalocyanine Aggregation. 2003 , 129-176	92
881	Nonlinear optical limiting of the azo dye methyl-red doped nematic liquid crystalline films. 2003 , 42, 2936	21
880	Optical limiting properties of water-soluble phthalocyanine derivatives. 2003, 07, 447-451	2
879	Optical power limiting and stabilization using a two-photon absorbing neat liquid crystal in isotropic phase. 2003 , 82, 4717-4719	56
878	Organics and Polymers with High Two-Photon Activities and their Applications. 2003, 157-193	103
877	Multiphoton and excited-state absorptions of an organic liquid for optical limiting applications. 2003 ,	2
876	Two-Photon Absorption and Optical Limiting Properties of Organic Salt trans-4-[p-(N-hydroxyethyl-N-methylamino)styryl]-N-methylpyridinium Iodide in Various Solvents. 2004 , 43, 1357-1361	3
875	One- and two-photon picosecond excitation dynamics of the singlet states of a tetraphenyl-diamine derivative in solution. 2004 , 37, 1581-1591	5
874	Degenerate two-photon-absorption spectral studies of highly two-photon active organic chromophores. 2004 , 120, 5275-84	66
873	Dynamics of all-optical switching in C60 and its application to optical logic gates. 2004 , 43, 426	24
872	Recording of dynamic holograms by nanosecond and picosecond laser pulses in solid-state fullerene-containing matrices. 2004 , 96, 149-156	

i	871	Optical limiters and diffraction elements based on a COANP-fullerene system: Nonlinear optical properties and quantum-chemical simulation. 2004 , 96, 599-612		24	
;	870	Optical-radiation power limiting in high-scattering media. 2004 , 49, 512-515			
į	869	Role of structural factors in the nonlinear optical properties of phthalocyanines and related compounds. 2004 , 104, 3723-50		953	
ł	868	Measurement of two-photon absorption cross-section in organic molecular salt with linear and circular polarized radiation. <i>Applied Physics B: Lasers and Optics</i> , 2004 , 79, 235-238	1.9	7	
į	867	Chalcogenide glasses as solid state optical limiters at 1.064 h. Optical Materials, 2004, 25, 231-237	3.3	40	
	866	Photostability of a series of two-photon absorbing fluorene derivatives. 2004 , 162, 489-496		28	
;	865	Photochemical properties of (7-benzothiazol-2-yl-9,9-didecylfluoren-2-yl)diphenylamine under one-and two-photon excitation. 2004 , 162, 569-574		35	
į	864	Z-Scan measurements in poly (methyl methacrylate) doped with perylimide dyes. 2004 , 1, 259-263		10	
į	863	Polymers containing fullerene or carbon nanotube structures. 2004 , 29, 1079-1141		399	
ł	862	Pulse-width-dependent optical limiting of a cubane-like molecular metal cluster [(n-Bu)4N]3[MoS4Ag3Cl4]. 2004 , 238, 307-312		2	
;	861	A QSPR study on optical limiting of organic compounds. <i>Chemical Physics Letters</i> , 2004 , 387, 238-242	2.5	15	
ł	860	Two-photon spectroscopic properties of a new chlorin derivative photosensitizer. <i>Chemical Physics Letters</i> , 2004 , 390, 41-44	2.5	19	
į	859	Ab initio fragment orbital theory (AFOT): application to some two-photon-absorbing (TPA) molecules. <i>Chemical Physics Letters</i> , 2004 , 393, 76-80	2.5	2	
ł	858	Broadband optical limiting and nonlinear optical absorption properties of a novel hyperbranched conjugated polymer. <i>Chemical Physics Letters</i> , 2004 , 400, 569-572	2.5	33	
į	857	Excited state properties of monomeric and dimeric axially bridged indium phthalocyanines upon UV-Vis laser irradiation. 2004 , 340-1		29	
	856	Two-Photon Absorption Cross Sections of trans-Stilbene, and 7,8-Disubstituted Stilbenes in Different Molecular Conformations: A Model Exact Study. 2004 , 108, 6279-6285		15	
į	855	One-and two-photon photostability of 9,9-didecyl-2-7-bis(N,N-diphenlamino)fluorene. 2004 , 3, 138-41		34	
	854	Triphenylamine derivatives with large two-photon cross-sections. 2004 , 6, 1389-92		80	

853	Surface-Enhanced Fluorescence and Reverse Saturable Absorption on Silver Nanoparticles. 2004 , 108, 19368-19372		25
852	Nonlinear switching and optical limiting in a double-loop fibre Sagnac filter. 2004 , 6, 361-371		8
851	Synthesis and Two-Photon Absorption Properties of 9,10-Bis(arylethynyl)anthracene Derivatives. 2004 , 16, 2783-2789		94
850	Optical limiting of semiconductor nanoparticles for nanosecond laser pulses. 2004 , 85, 6326-6328		85
849	Nonlinear optical properties and surface-plasmon enhanced optical limiting in Aglūu nanoclusters co-doped in SiO2 Sol-Gel films. 2004 , 96, 6717-6723		73
848	Large nonlinear optical properties of semiconductor quantum dot arrays embedded in an organic medium. 2004 , 96, 4839-4842		21
847	Phthalocyanines as materials for advanced technologies: some examples. 2004 , 08, 915-933		67
846	Optical nonlinearities from transverse plasmon resonance in gold nano-rods. 2004 , 58, 1427-1430		26
845	Nonlinear-absorbing fiber array for large-dynamic-range optical limiting application against intense short laser pulses. 2004 , 21, 1234		37
844	Porphyrins and phthalocyanines as materials for optical limiting. 2004 , 141, 231-243		374
844	Porphyrins and phthalocyanines as materials for optical limiting. 2004 , 141, 231-243 Nonlinear molecular photonics and controlled laser transmission through a nonlinear fiber array. 2004 ,		374
	Nonlinear molecular photonics and controlled laser transmission through a nonlinear fiber array.		
843	Nonlinear molecular photonics and controlled laser transmission through a nonlinear fiber array. 2004 ,		1
8 ₄₃	Nonlinear molecular photonics and controlled laser transmission through a nonlinear fiber array. 2004 , All-optical switching characteristics of metalloporphyrins. 2005 , 245, 407-414 Synthesis and optical properties of polyacetylenes containing nonlinear optical chromophores.		37
843 842 841	Nonlinear molecular photonics and controlled laser transmission through a nonlinear fiber array. 2004, All-optical switching characteristics of metalloporphyrins. 2005, 245, 407-414 Synthesis and optical properties of polyacetylenes containing nonlinear optical chromophores. 2005, 46, 7670-7677 Synthesis and optical properties of azobenzene-containing poly(1-alkyne)s with different spacer		1 37 45
843 842 841 840	Nonlinear molecular photonics and controlled laser transmission through a nonlinear fiber array. 2004, All-optical switching characteristics of metalloporphyrins. 2005, 245, 407-414 Synthesis and optical properties of polyacetylenes containing nonlinear optical chromophores. 2005, 46, 7670-7677 Synthesis and optical properties of azobenzene-containing poly(1-alkyne)s with different spacer lengths and ring substituents. 2005, 46, 10592-10600 AuxAgy@ZrO2 coreBhell nanoparticles: synthesis, characterization, reactivity and optical limiting.		1 37 45 28
843 842 841 840	Nonlinear molecular photonics and controlled laser transmission through a nonlinear fiber array. 2004, All-optical switching characteristics of metalloporphyrins. 2005, 245, 407-414 Synthesis and optical properties of polyacetylenes containing nonlinear optical chromophores. 2005, 46, 7670-7677 Synthesis and optical properties of azobenzene-containing poly(1-alkyne)s with different spacer lengths and ring substituents. 2005, 46, 10592-10600 AuxAgy@ZrO2 coreBhell nanoparticles: synthesis, characterization, reactivity and optical limiting. 2005, 117, 173-182 Theoretical analysis of all-optical spatial light modulation in organometallics based on triplet state	3-3	1 37 45 28

(2005-2005)

835	Optical limiting property of nanoparticles from a copper phthalocyanine-fullerene dyad. <i>Materials Chemistry and Physics</i> , 2005 , 94, 444-448	4.4	20
834	Optical-limiting effect of C60 bonded poly(N-vinylcarbazole) initiated with C60Cln/CuCl/Bpy catalyst system. 2005 , 59, 644-647		13
833	Synthesis of a Bisphthalocyanine and Its Nonlinear Optical Properties. 2005 , 2005, 3499-3509		46
832	Metal ions play different roles in the third-order nonlinear optical properties of d10 metal-organic clusters. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6067-74	16.4	128
831	Metal Ions Play Different Roles in the Third-Order Nonlinear Optical Properties of d10 Metal Drganic Clusters. <i>Angewandte Chemie</i> , 2005 , 117, 6221-6228	3.6	44
830	Fluorinated Naphthalocyanines Displaying Simultaneous Reverse Saturable Absorption at 532 and 1064 nm. 2005 , 17, 875-879		31
829	Nonlinear optical properties of Cr3+-doped lanthanum-magnesium hexa-aluminate LaMgAl11O19. 2005 , 2, 362-365		8
828	Anti-stokes luminescence of solid AgCl0.95I0.05 solutions. 2005 , 72, 809-813		
827	Nonlinear refraction of Coomassie brilliant blue dye in PVA matrix. 2005 , 40, 777-778		3
826	Non-linear absorption of 2,5-dialkynyl thiophenes. 2005 , 18, 426-433		9
825	Thiophene-cored 2,2-bis(methylol)propionic acid dendrimers for optical-power-limiting applications. 2005 , 43, 1177-1187		25
824	Large optical power limiting from self-assembly organic complexes. 2005 , 86, 061903		18
823	Nonlinear Optical Characteristics of C60 Thin Films. 2005 , 12, 327-333		1
822	Investigation of the excited-state absorption of a Ru dioxolene complex by the Z-scan technique. 2005 , 122, 154507		21
821	DENDRITIC FLUORENE OLIGOMERS FOR NONLINEAR ABSORPTION IN THE VISIBLE RANGE. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2005 , 14, 311-318	0.8	7
820	Development of Photochromic Two-Photon Absorption Dyes. 2005 , 430, 173-179		8
819	Polyfluorene Based Coordination Compounds for Nonlinear Absorption. 2005, 426, 197-204		2
818	Optical Limiting of Transition Metal-Phthalocyanine Complexes: A Photochromic Effect involving the Excited State of the Conjugated Molecule. 2005 , 431, 559-574		13

817	Two- and three-photon absorption based optical limiting and stabilization using a liquid dye. 2005 , 41, 1037-1043	21
816	Large Optical-Limiting Response in Some Solution-Processable Polyplatinaynes. 2005 , 17, 5209-5217	90
815	Optical limiter with an organic solution sandwiched between a polymer slab and a polymer grating. Applied Optics, 2005, 44, 4976-9	1
814	Higher-order triplet interaction in energy-level modeling of excited-state absorption for an expanded porphyrin cadmium complex. 2005 , 22, 852	14
813	Femtosecond-to-nanosecond nonlinear spectroscopy of polymethine molecules. 2005 , 22, 2664	21
812	Axially modified gallium phthalocyanines and naphthalocyanines for optical limiting. 2005, 34, 517-29	264
811	Photoinduced Phenomena in Conjugated Organic Systems Doped with Fullerenes. 2005 , 426, 219-229	
810	Synthesis, characterization and optical limiting properties of a gallium phthalocyanine dimer. 2005 , 15, 683	47
809	Optical limiting of a covalently bonded gold nanoparticle/polylysine hybrid material. 2005, 109, 20854-7	40
808	Application of density functional theory for studies of excited states and phosphorescence of platinum(II) acetylides. 2006 , 125, 094306	21
807	Demonstration of the optical limiting effect for an hemiporphyrazine. 2006 , 2394-6	23
806	Wave propagation and optical properties in slabs with light-induced free charge carriers. 2006 , 74, 056614	1
805	Nonlinear absorption and scattering properties of cadmium sulphide nanocrystals with its application as a potential optical limiter. 2006 , 100, 074309	60
804	Analysis of the nonlinear transmission properties of some naphthalocyanines. 2006 , 10, 1165-1171	25
803	Dendron Decorated Platinum(II) Acetylides for Optical Power Limiting. 2006, 39, 2238-2246	102
802	Excited state dynamics and nonlinear absorption of a pyrazinoporphyrazine macrocycle carrying externally appended pyridine rings. 2006 , 110, 24354-60	29
801	Generalized theoretical treatment and numerical method of time-resolved radially dependent laser pulses interacting with multiphoton absorbers. 2006 , 23, 1894	8
800	Synthesis of New Monoporphyrinato Lanthanide Complexes for Potential Use in Optical Limiting. 2006 , 35, 802-803	4

(2006-2006)

Intramolecular energy transfer in a two-photon absorbing naphtahlimide-triphenylamine dyad. 799 2006. 798 (B) measurements and optical limiting in dibenzylideneacetone and its derivatives. 2006, 324, 699-704 66 Triplet energies of Econjugated polymers. Chemical Physics Letters, 2006, 424, 23-27 797 2.5 14 Theoretical studies on two-photon absorption properties of newly synthesized triaryl boron-based A-EA and triaryl nitrogen-based D-ED quadrupolar compounds. Chemical Physics Letters, 2006, 796 2.5 15 425, 10-15 Third-order nonlinear optical studies of newly synthesized polyoxadiazoles containing 795 34 3,4-dialkoxythiophenes. 2006, 331, 125-130 Two-photon excitation properties of a class of novel organic dye chloride. 2006, 260, 292-297 2 794 Nonlinear absorption of new mesoionic compounds. 2006, 264, 225-228 18 793 Photostimulated formation of anti-stokes luminescence centers in ionic covalent crystals. 2006, 51, 400-402 792 Analysis of stable all-optical limiting in nonlinear periodic structures. 2006, 216, 90-94 791 3 Synthesis and optical properties of three novel functional polyurethanes bearing nonlinear optical 790 27 chromophoric pendants with different Telectron conjugation bridge structure. 2006, 47, 6986-6992 Novel 2,1,3-benzothiadiazole-based red-fluorescent dyes with enhanced two-photon absorption 789 200 cross-sections. 2006, 12, 2303-17 Multi-functionalized platinum(II) acetylides for optical power limiting. 2006, 788 Z-scan and degenerate four wave mixing studies on newly synthesized copolymers containing 33 alternating substituted thiophene and 1,3,4-oxadiazole units. 2006, 39, 3747-3756 Investigation of the nonlinear absorption of [M(Et2timdt)2] (M = Pd, Pt) in the pico- and 786 6 nanosecond timescales using the Z-scan technique. 2006, 18, 5279-5290 The Nanoscience of Fullerenes. 2006, 518, 1-8 785 Influences of the medium position and the beam-waist size on the performance of refractive-type 784 optical limiters. 2006, 45, 029001 Sequential absorption processes in two-photon-excitation transient absorption spectroscopy in a 783 14 semiconductor polymer. 2006, 73, Optical limiting behavior of bismuth oxide-based glass in the visible range. 2006, 89, 211912 782 17

781	Synthesis, structure and optical limiting properties of a new S-methylated derivative of a nickel dithiolene, bis[2-ethoxycarbonylsulfanyl-1,2-bis (methylthio)-1-ethenethiolato]nickel. 2006 , 59, 421-427	2
780	Optical limiting properties of metal nanowires. 2006 , 88, 223106	95
779	ABSORPTION, EMISSION AND NONLINEAR SPECTROSCOPIC CHARACTERIZATION OF REACTIVE DYE. Journal of Nonlinear Optical Physics and Materials, 2006 , 15, 481-490	
778	Bifluorene Derivatives for Two-Photon Absorption in the Visible Range. 2006 , 446, 175-182	5
777	Silicon Raman Amplifiers in the Limit of Zero Free-Carrier Lifetime. 2007,	1
776	All-optical switching of continuous wave, microsecond lasers with a dye-doped nematic liquid crystal. 2007 , 90, 151107	21
775	Accurate evaluation of nonlinear absorption coefficients in InAs, InSb, and HgCdTe alloys. 2007 , 101, 113104	15
774	Nonlinear absorption and optical limiting in Duran glass induced by 800 nm femtosecond laser pulses. 2007 , 40, 366-369	13
773	Optical limiting phenomena of carbon nanoparticles prepared by laser ablation in liquids. 2007 , 59, 289-292	11
772	Dynamics of a multilevel molecular absorber interacting with a train of optical pulses. 2007 , 24, 839	O
771	Nonlinear absorption and optical limiting properties of carbon disulfide in a short-wavelength region. 2007 , 24, 1101	20
770	Luminescent organometallic poly(aryleneethynylene)s: functional properties towards implications in molecular optoelectronics. 2007 , 4495-510	198
769	Optical limiting using Laguerre-Gaussian beams. 2007 , 91, 201110	6
768	Axial halogen ligand effect on photophysics and optical power limiting of some indium naphthalocyanines. 2007 , 111, 3263-70	35
767	Design of a low power optical limiter based on a new nanocomposite material incorporating silica-encapsulated phthalocyanine in Nafion. 2007 , 40, 6121-6128	18
766	THIRD-ORDER NONLINEAR OPTIC AND OPTICAL LIMITING PROPERTIES OF A MN(III) TRANSITION METAL COMPLEX. Journal of Nonlinear Optical Physics and Materials, 2007, 16, 505-518	9
765	THEORETICAL STUDIES ON LINEAR AND NONLINEAR OPTICAL CHARACTERIZATION AND OPTICAL LIMITING PROPERTY OF Pb(II), In(III) CHLORIDE, Ni(II) METALLATED 1,4,8,11,15,18,22,25-OCTAALKYLPHTHALOCYANINES. Journal of Nonlinear Optical Physics and	1
764	Materials, 2007, 16, 247-254 Vibrational resonance enhanced broadband multiphoton absorption in a triphenylamine derivative. 2007, 91, 121111	7

763	Two-photon absorption based optical limiting and stabilization by using a CdTe quantum dot solution excited at optical communication wavelength of ~1300nm. 2007 , 90, 181108	30
762	Synthesis and nonlinear optical characterization of copolymers containing alternating 3,4-dialkoxythiophene and (1,3,4-oxadiazolyl)benzene units. <i>Journal of Applied Polymer Science</i> , 2.9 2007 , 106, 3033-3039	14
761	Nanometer-Sized Copper Sulfide Hollow Spheres with Strong Optical-Limiting Properties. 2007, 17, 1397-140	1183
760	Optical Power Limiters Based on Colorless Di-, Oligo-, and Polymetallaynes: Highly Transparent Materials for Eye Protection Devices. 2007 , 17, 963-975	132
759	Synthesis, Structures and Optical Power Limiting of Some Transition Metal and Lanthanide Monoporphyrinate Complexes Containing Electron-Rich Diphenylamino Substituents. 2007 , 2007, 2004-2013	43
758	Optical properties of CdxZn(1☑)O films deposited by ultrasonic spray pyrolysis method. 2007 , 515, 8709-8713	6
757	Synthesis and properties of long conjugated organic optical limiting materials with different Electron conjugation bridge structure. 2007 , 73, 285-291	31
756	Absorption and emission spectroscopic characterization of some azo dyes and a diamino-maleonitrile dye. 2007 , 333, 49-56	10
755	Analysis of effect of excitation pulse characteristics on numerical simulation of reverse saturable absorption. 2007 , 269, 223-229	3
754	Z-scan determination of the third-order optical nonlinearity of a triphenylmethane dye using 633 nm HeNe laser. 2007 , 270, 424-428	107
753	Nonlinear optical studies of a newly synthesized copolymer containing oxadiazole and substituted thiophenes. 2007 , 271, 236-240	16
75 ²	Nonlinear optical response of silicon nanocrystals. <i>Optical Materials</i> , 2007 , 30, 260-263	13
751	Nonlinear responses and optical limiting behavior of fast green FCF dye under a low power CW He N e laser irradiation. 2007 , 271, 551-554	63
75°	Large third-order optical nonlinearity and optical limiting in symmetric and unsymmetrical phthalocyanines studied using Z-scan. 2007 , 280, 206-212	117
749	Fluorescence upconversion properties of a class of improved pyridinium dyes induced by two-photon absorption. 2007 , 39, 690-695	6
748	Optical limiting of silver-containing nanoparticles. <i>Optical Materials</i> , 2007 , 29, 788-793	45
747	Electronic states and phosphorescence of dendron functionalized platinum(II) acetylides. 2007 , 124, 302-310	43
746	Photostimulated formation of sensitized anti-Stokes luminescence centers in AgCl(I) microcrystals. 2007 , 103, 482-489	11

745	The influence of parameters of chemical synthesis on the optical properties of CdS nanocrystals. 2007 , 42, 1251-1261		8
744	Nonlinear optical and optical limiting properties of phthalocyanines in solution and thin films of PMMA at 633[hm studied using a cw laser. 2007 , 61, 4426-4431		130
743	Analysis of interaction between the organic dye methylene blue and the surface of AgCl(I) microcrystals. 2007 , 74, 809-816		42
742	C60 end-functionalized four-armed polymers: synthesis and optical limiting properties. 2007 , 42, 6515-6	523	12
741	Optical switching of a photochromic bis-phenylazo compound in PMMA films. 2007 , 42, 7866-7871		4
740	Nonlinear refraction and optical limiting in solid films of amido black dye under CW laser illumination. <i>Optical Materials</i> , 2007 , 30, 311-313	3.3	35
739	Sensitized anti-Stokes luminescence centers in microcrystals of Zn0.6Cd0.4S solid solutions with adsorbed dye molecules and few-atomic silver clusters. 2008 , 51, 244-250		
738	Study of laser fragmentation process of silver nanoparticles in aqueous media. 2008 , 93, 973-976		9
737	Nonlinear optical and optical limiting studies of alkoxy phthalocyanines in solutions studied at 532 nm with nanosecond pulse excitation. <i>Applied Physics B: Lasers and Optics</i> , 2008 , 91, 149-156	1.9	74
736	Two-photon spectroscopic behaviors and photodynamic effect on the BEL-7402 cancer cells of the new chlorophyll photosensitizer. 2008 , 51, 529-538		8
735	Efficient Nonlinear Absorbing Platinum(II) Acetylide Chromophores in Solid PMMA Matrices. 2008 , 18, 1939-1948		49
734	Enhanced Optical Limiting Effects in Porphyrin-Covalently Functionalized Single-Walled Carbon Nanotubes. 2008 , 20, 511-515		147
733	A quantitative discussion on band-gap energy and carrier density of CdO in terms of temperature and oxygen partial pressure. 2008 , 372, 4858-4860		22
73 ²	Soluble functional polyacetylenes for optical limiting: Relationship between optical limiting properties and molecular structure. 2008 , 49, 3722-3730		18
731	The non-linear optical properties of the planar metal cluster [MoS4Cu4I2(py)6] doped in PMMA. <i>Optical Materials</i> , 2008 , 31, 218-222	3.3	2
730	Studies of third-order optical nonlinearities and optical limiting properties of azo dyes. 2008 , 69, 980-4		44
729	A new family of photochromic compounds based on the photoinduced opening and thermal closing of [1,3]oxazine rings. 2008 , 200, 44-49		33
728	Optical limiting performances of multi-walled carbon nanotubols and [C60]fullerols. <i>Chemical Physics Letters</i> , 2008 , 457, 159-162	2.5	25

(2008-2008)

727	Femtosecond nonlinear optical properties of alkoxy phthalocyanines at 800nm studied using Z-Scan technique. <i>Chemical Physics Letters</i> , 2008 , 464, 211-215	2.5	79
726	Theoretical studies on one-photon and two-photon absorption properties of a series of dibenzothiophene derivatives. 2008 , 849, 116-121		3
725	The theoretical simulation for two-photon absorption properties of novel A-ED-EA two-photon carbazole compounds. 2008 , 867, 53-58		6
724	Linear and nonlinear optical spectroscopic characterisation of triphenylamine and 1,2,3-tris(3-methylphenylphenylamino)benzene. 2008 , 352, 48-56		12
723	Study on the three-photon properties of a triphenylamine derivative with three conjugated branches. 2008 , 281, 4038-4041		11
722	Significant optical-limiting properties of fulleropyrrolidine loaded Nafion membrane. <i>Optical Materials</i> , 2008 , 30, 1854-1860	3.3	2
721	OPTICAL NONLINEARITY OF CdSe AND CdSe-C60 QUANTUM DOT. 2008 , 22, 3207-3213		2
720	Broadband optical limiting in the suspensions of lead sulfide nanoparticles. 2008, 18, 434-437		14
719	Linear and nonlinear optical properties of hydrogenated CdO thin films. 2008, 18, 1557-1561		9
718	Nonlinear optical properties of p-(N,N-dimethylamino)dibenzylideneacetone doped polymer. 2008 , 43, 707-713		16
717	Nonlinear Refraction and Absorption Phenomena in a Novel Nanocomposite Based on a Dye Stabilized in a Solid Hybrid Matrix. 2008 , 112, 14336-14342		2
716	An optical limiter based on ferrofluids. 2008 , 92, 171908		63
715	Indium phthalocyanines with different axial ligands: a study of the influence of the structure on the photophysics and optical limiting properties. 2008 , 112, 8515-22		30
714	Observation of nonlinear transmission enhancement in cavities filled with nonlinear organic materials. 2008 , 47, 5777-83		4
713	Nonlinear scattering, absorption, and refraction processes in the colloidal suspensions of Bi_2S_3 and CuS nanoparticles and their combined effects for broadband optical limiting. 2008 , 25, 1978		15
712	Investigation of optical limiting in iron oxide nanoparticles. 2008, 16, 8440-50		39
711	SOA gate array recirculating buffer with fiber delay loop. 2008 , 16, 8451-6		34
710	Long-path supercontinuum absorption spectroscopy for measurement of atmospheric constituents. 2008 , 16, 8457-71		33

709	Polarization selective electro-optic polymer waveguide devices by direct electron beam writing. 2008 , 16, 8472-9	3
708	A hybrid electroabsorption modulator device for generation of high spectral-efficiency optical modulation formats. 2008 , 16, 8480-6	26
707	Method for characterization of diffusion properties of photopolymerisable systems. 2008, 16, 8487-97	23
706	Toward a low-jitter 10 GHz pulsed source with an optical frequency comb generator. 2008 , 16, 8498-508	39
705	Effect of implementation of a Bragg reflector in the photonic band structure of the Suzuki-phase photonic crystal lattice. 2008 , 16, 8509-18	6
704	Detection efficiency in total internal reflection fluorescence microscopy. 2008 , 16, 8519-31	11
703	Bend performance-enhanced photonic crystal fibers with anisotropic numerical aperture. 2008 , 16, 8532-48	13
702	Reversible switching of quantum cascade laser-modes using a pH-responsive polymeric cladding as transducer. 2008 , 16, 8557-69	4
701	Dispersion and extinction of surface plasmons in an array of gold nanoparticle chains: influence of the air/glass interface. 2008 , 16, 8570-80	32
700	Stimulated Rayleigh B ragg Scattering From a Two-Photon Absorbing CdSetddStdnS Quantum-Rods System: Optical Power Limiting and Phase-Conjugation. 2008 , 44, 894-901	2
699	Multiphoton absorbing materials: molecular designs, characterizations, and applications. 2008, 108, 1245-330	1683
698	Theoretical study of two-photon absorption properties of organic \(\properties \) conjugated materials for photovoltaic devices. 2008 ,	
697	Large third-order optical nonlinear effects of gold nanoparticles with unusual fluorescence enhancement. 2008 , 24, 8297-302	25
696	Large two-photon absorption cross sections of hemiporphyrazines in the excited state: the multiphoton absorption process of hemiporphyrazines with different central metals. 2008 , 130, 12290-8	35
695	Two-Photon Absorption Cross-Sections from Electronic Structure Methods: Mesoionic Compounds. 2008 , 20, 4142-4155	5
694	Substituent Dependence of Third-Order Optical Nonlinearity in Chalcone Derivatives. 2008 , 47, 6312-6316	14
693	New data on the variation of laser induced retinal-damage threshold with retinal image size. 2008 , 20, 83-88	7
692	Femtosecond non-resonant optical nonlinearity of silver chloride nanocrystal doped niobic tellurite glass. 2009 , 42, 045107	7

(2009-2009)

691	Backward stimulated Bragg scattering in multiphoton active CdTe(x)Se(1-x) quantum dots system. 2009 , 131, 214301	2
690	Optical limiting for microsecond pulses. 2009 , 130, 054114	20
689	Intense femtosecond laser pulse interaction with ultra-low expansion glass: nonlinear responses and optical limiting effect. 2009 , 11, 015202	3
688	Symmetric Versus Unsymmetric Platinum(II) Bis(aryleneethynylene)s with Distinct Electronic Structures for Optical Power Limiting/Optical Transparency Trade-off Optimization. 2009 , 19, 531-544	122
687	Broadband Nonlinear Optical Response of Graphene Dispersions. 2009 , 21, 2430-2435	428
686	Synthesis and Optical Properties of Regioisomerically Pure Alkynyl-Bridged Bis(phthalocyanines). 2009 , 2009, 3212-3218	8
685	Photochromic Oxazines with Extended Conjugation. 2009 , 2009, 4333-4339	33
684	Optical characterization of a new donor ceptor type conjugated polymer derived from 3,4-diphenylthiophene. 2009 , 44, 6069-6077	13
683	Free-carrier absorption and optical limiting in the suspensions of CuS and Cu2O hollow spheres. 2009 , 11, 989-993	7
682	Modeling of nonlinear responses in BK7 glass under irradiation of femtosecond laser pulses. 2009 , 41, 47-53	6
681	Nonlinear optical properties of Cr3+-doped laser crystals. 2009 , 41, 761-770	4
68o	Optical limiting of niobic tellurite glass induced by self-trapped exciton absorption of the AgCl nanocrystal dopant. 2009 , 54, 1164-1168	1
679	Wavefront study in a Gaussian beam passed through a nonlinear optical medium. 2009 , 282, 3345-3348	3
678	Third-order nonlinear optical susceptibilities of new copolymers containing alternate 3,4-dialkoxythiophene and (1,3,4-oxadiazolyl)pyridine moieties. <i>Optical Materials</i> , 2009 , 31, 1000-1006 ^{3.3}	23
677	On the optical limiting and Z-scan of hexamethylin-dotricarbocyanine perchlorate dye. <i>Optical Materials</i> , 2009 , 31, 1559-1563	8
676	(B) measurements and optical limiting studies of 2-chloro-5-nitro-N?-[(1E)-phenylmethylidene] benzohydrazide with substituents. <i>Optical Materials</i> , 2009 , 31, 1564-1569	17
675	A blue light emitting perylene derivative with improved solubility and aggregation control: Synthesis, characterisation and optical limiting properties. 2009 , 10, 674-680	32
674	Nonlinear absorption of fullerene- and nanotubes-doped liquid crystal systems. 2009 , 41, 391-394	6

673	The effects of central metals and peripheral substituents on the photophysical properties and optical limiting performance of phthalocyanines with axial chloride ligand. 2009 , 207, 58-65	38
672	Strong optical limiting effects of two Ag(I)-bridged metal-organic polymers. 2009 , 359, 101-110	14
671	Optical limiting and pulse reshaping of picosecond pulse trains by fullerene C60. 2009 , 174, 125-130	7
670	Nonlinear absorption in pyran dyes. 2009 , 18, 218-222	6
669	Reverse saturation absorption in PK 792 and PK 7098 dyes. 2009 , 36, 287-292	1
668	Large third-order optical nonlinearities in brilliant green solutions induced by CW He-Ne laser. 2009 , 19, 2002-2007	6
667	Anti-stokes luminescence of Zn0.75Cd0.25S microcrystals annealed in the presence of oxygen. 2009 , 43, 347-351	
666	Photophysics and TripletIIriplet Annihilation Analysis for Axially Substituted Gallium Phthalocyanine Doped in Solid Matrix. 2009 , 113, 11943-11951	20
665	Substituent Effects on the Photochromism of Bichromophoric Oxazines. 2009 , 113, 8491-8497	52
664	Excitation and emission properties of platinum(II) acetylides at high and low concentrations. 2009 , 113, 11242-9	11
663	Ultrafast nonlinear optical properties of alkyl-phthalocyanine nanoparticles investigated using Z-scan technique. 2009 , 105, 053109	66
662	Synthesis and nonlinear optical characterization of new poly{2,2?-(3,4-didodecyloxythiophene-2,5-diyl)bis[5-(2-thienyl)-1,3,4-oxadiazole]}. 2009 , 159, 1099-1105	16
661	Excited-state nonlinearity measurements of ZnPcBr_4/DMSO. 2009 , 26, 754	17
660	Low-threshold power limitation of optical radiation in crystals with sensitized anti-Stokes luminescence. 2009 , 76, 725	1
659	Low-threshold two-photon pumped ZnO nanowire lasers. 2009 , 17, 7893-900	96
658	Microwave-assisted solid-state grafting of multi-walled carbon nanotubes on polyurethane for the synthesis of a composite with optical limiting properties. 2009 , 19, 6568	17
657	Saturable and reverse saturable absorption and nonlinear refraction in nanoclustered Amido Black dyepolymer films under low power continuous wave Heble laser light excitation. 2009 , 11, 125204	46
656	Intermolecular interaction-controlled tuning of the two-photon absorption of fullerene bound in a buckycatcher. 2009 , 113, 5485-8	38

655	Carbon nanotubes and nanotube composites for nonlinear optical devices. 2009 , 19, 7425	182
654	Design of new organic single crystals for ultrafast optical applications. 2009,	
653	Inorganic and hybrid nanostructures for optical limiting. 2009 , 11, 024001	151
652	Porphyrin and fullerene covalently functionalized graphene hybrid materials with large nonlinear optical properties. 2009 , 113, 9681-6	399
651	Low power continuous wave laser induced optical nonlinearities in saffron (Crocus Sativus L.). 2010 , 20, 2029-2035	1
650	Development of laser radiation limiters based on stratified solutions. 2010 , 19, 325-329	
649	Synthesis, characterization and studies on nonlinear optical parameters of 4-amino-5-(4-nitrophenyl)-1, 2, 4-triazole-3-thione. 2010 , 39, 143-148	11
648	Two-photon absorption and optical limiting in tristhiourea cadmium sulphate. <i>Chemical Physics Letters</i> , 2010 , 486, 80-83	23
647	The preparation and optical limiting properties of POSS-based molecular hybrid functional materials. 2010 , 87, 69-75	25
646	Synthesis and high ranked NLT properties of new sulfonamide-substituted indium phthalocyanines. 2010 , 363, 3945-3950	15
645	Two-photon absorption coefficient in relation to the typical pulse models of laser. 2010 , 283, 1924-1928	6
644	Optical limiting behavior of C60 doped ethylenepropylenediene polymethylene polymer. 2010 , 42, 600-603	21
643	Two-photon absorption and effective broadband optical power limiting properties of a multi-branched chromophore containing 2,3-diarylquinoxalinyl moieties as the electron-pulling units. 2010 , 66, 1375-1382	37
642	A New Nonlinear Optically Active Donor Acceptor-Type Conjugated Polymer: Synthesis and Electrochemical and Optical Characterization. <i>Journal of Electronic Materials</i> , 2010 , 39, 2711-2719	3
641	Synthesis and characterization of a new NLO-active donor acceptor-type conjugated polymer derived from 3,4-diphenylthiophene. 2010 , 17, 495-502	6
640	. 2010 , 46, 931-936	6
639	Nonlinear optical activity in Bridgman growth layered compounds. <i>Materials Chemistry and Physics</i> , 4:4	8
638	Picosecond nonlinear optical studies of unsymmetrical alkyl and alkoxy phthalocyanines. 2010 , 64, 1915-1917	41

637	Tetrabrominated lead naphthalocyanine for optical power limiting. 2010 , 16, 1212-20		31
636	Nonlinear optical studies on new conjugated poly{2,2l-(3,4- dialkoxythiophene-2,5-diyl) bis[5-(2-thienyl)-1,3,4-oxadiazole]}s. <i>Journal of Applied Polymer Science</i> , 2010 , 117, n/a-n/a	2.9	1
635	Linear and nonlinear optical properties of luminescent ZnO nanoparticles embedded in PMMA matrix. 2010 , 283, 2908-2913		66
634	Optical limiting properties of CdS nanowires. 2010 , 283, 4104-4107		30
633	Investigation of the nonlinear absorption and optical limiting properties of two [Q]2[Cu(C3S5)2] compounds. 2010 , 42, 732-736		16
632	Nonlinear absorption properties of PPyPyV polymer. <i>Optical Materials</i> , 2010 , 32, 1485-1487	3.3	3
631	Designing novel chalcone single crystals with ultrafast nonlinear optical responses and large multi-photon absorption coefficients. 2010 , 10, 1290-1296		23
630	The synthesis of carbon nanotube based composites with conducting, semiconducting, and insulating coatings and their optical limiting properties. 2010 , 48, 3750-3759		20
629	Strong nonlinear photonic responses from microbiologically synthesized tellurium nanocomposites. <i>Chemical Physics Letters</i> , 2010 , 484, 242-246	2.5	13
628	Optical limiting study of double wall carbon nanotube E ullerene hybrids. <i>Chemical Physics Letters</i> , 2010 , 489, 207-211	2.5	27
627	Nonlinear Optical Studies on a New Poly{2-(biphenyl-4-yl)-5-[3,4-didecyloxy-5-(1,3,4-oxadiazol-2-yl)thiophen-2-yl]-1,3,4-oxadiazole}. 2010 , 657, 56-61		2
626	Temporally dynamic photopolymerization of C60 molecules encapsulated in single-walled carbon nanotubes. 2010 , 81,		3
625	The ultrafast nonlinear optical response and multi-photon absorption of a new metal complex in the near-infrared spectral range. 2010 , 12, 035211		8
624	OPTICAL LIMITING CHARACTERISTICS OF CORE-SHELL NANOPARTICLES. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2010 , 19, 621-628	0.8	7
623	Optical limiting and dynamical two-photon absorption of organic compounds for a nanosecond pulse. 2010 , 43, 105601		14
622	Mixing does the magic: a rapid synthesis of high surface area noble metal nanosponges showing broadband nonlinear optical response. <i>ACS Nano</i> , 2010 , 4, 2681-8	16.7	109
621	Facile assembly of cadmium sulfide quantum dots on titanate nanobelts for enhanced nonlinear optical properties. <i>ACS Applied Materials & Dots (Materials & Dots)</i> , 2, 1129-35	9.5	19
620	Near-Unity Quantum Yields for Intersystem Crossing and Singlet Oxygen Generation in Polymethine-like Molecules: Design and Experimental Realization. 2010 , 1, 2354-2360		50

619	Synthesis of PbS/CdS CoreBhell QDs and their Nonlinear Optical Properties. 2010, 114, 18037-18044	74
618	Two-Photon Absorption by Fluorene Derivatives: Systematic Molecular Design. 2010 , 114, 6106-6116	19
617	Third-order nonlinear optical properties in 4-[(E)-(2-phenylhydrazinylidene)methyl]tetrazolo[1,5-a]quinoline doped PMMA thin film using Z-scan technique. 2010 , 57, 670-676	24
616	Reversible Control of Third-Order Optical Nonlinearity of DNA Decorated Carbon Nanotube Hybrids. 2010 , 114, 22697-22702	2
615	Excitation of highly conjugated (porphinato)palladium(II) and (porphinato)platinum(II) oligomers produces long-lived, triplet states at unit quantum yield that absorb strongly over broad spectral domains of the NIR. 2010 , 114, 14696-702	37
614	Optical limiting behavior of carbon nanotubes exposed to infrared laser irradiations studied by the Z-scan technique. 2010 , 49, 1097-103	10
613	Two-photon absorption: an overview of measurements and principles. 2010 , 2, 451	202
612	Azobenzene liquid crystalline materials for efficient optical switching with pulsed and/or continuous wave laser beams. 2010 , 18, 8697-704	70
611	Enhanced nonlinear optical responses in donor-acceptor ionic complexes via photo induced energy transfer. 2010 , 18, 25928-35	35
610	Solvent effect induced solute damage in an organic inner salt. 2010 , 18, 27387-403	2
609	Nonlinear optical and optical limiting properties of graphene families. 2010 , 96, 033107	
		222
608	Nonlinear Optical Transmission of Nanographene and Its Composites. 2010 , 114, 12517-12523	80
608 607	Nonlinear Optical Transmission of Nanographene and Its Composites. 2010 , 114, 12517-12523 Carbon Nanotubes for Optical Power Limiting Applications. 2010 , 101-129	
,		80
607	Carbon Nanotubes for Optical Power Limiting Applications. 2010 , 101-129	80
60 7	Carbon Nanotubes for Optical Power Limiting Applications. 2010 , 101-129 Nonlinear scattering in colloidal CdSe quantum dots. 2010 , Organometallic acetylides of Pt(II), Au(I) and Hg(II) as new generation optical power limiting	2
607 606 605	Carbon Nanotubes for Optical Power Limiting Applications. 2010 , 101-129 Nonlinear scattering in colloidal CdSe quantum dots. 2010 , Organometallic acetylides of Pt(II), Au(I) and Hg(II) as new generation optical power limiting materials. 2011 , 40, 2541-66	2 280

601	A photoswitchable bichromophoric oxazine with fast switching speeds and excellent fatigue resistance. 2011 , 89, 110-116		16
600	Solvent effect on dynamical TPA and optical limiting of BDMAS molecular media for nanosecond and femtosecond laser pulses. 2011 , 44, 035103		12
599	Syntheses, and optical, fluorescence, and nonlinear optical characterization of phosphine-substituted terthiophenes. 2011 , 50, 2015-27		11
598	Nonlinear Optical Properties of Stacked Conjugated Systems. 2011 , 11, 1846-1854		5
597	Three-Photon Absorption in Seeded CdSe/CdS Nanorod Heterostructures. 2011 , 115, 17711-17716		39
596	Efficient ultrafast optical limiting using single walled carbon nanotubes functionalized noncovalently with free base and metalloporphyrins. 2011 , 109, 113101		22
595	Room Temperature Ferromagnetism and Optical Limiting in V2O5 Nanoflowers Synthesized by a Novel Method. 2011 , 115, 112-117		59
594	Electro-optical sensor with spatial and spectral filtering capability. 2011 , 50, 3847-53		14
593	The study of noble metal nanoparticles applied on third-order nonlinear optical nanocomposite materials. 2011 , 56, 10402		7
592	Nonlinear Optical Properties of Graphene and Carbon Nanotube Composites. 2011,		8
591	Approach dealing with transversely spatial profile of pump laser in Z-scan technique. 2011 , 276, 01203	5	
590	Terpyridines and Nanostructures. 2011 , 399-457		
589	(B) measurement and optical limiting properties of metal complexes of thiourea using Z-scan. <i>Materials Chemistry and Physics</i> , 2011 , 129, 9-14	4.4	55
588	Intense low threshold nonlinear absorption and nonlinear refraction in a new organicpolymer nanocomposite. <i>Materials Chemistry and Physics</i> , 2011 , 129, 981-989	4.4	47
587	An efficient nanocomposite based on carbon nanotubes functionalized with a fluorescent ink for ultrafast optical limiting. 2011 , 65, 915-917		7
586	Giant broadband nonlinear optical absorption response in dispersed graphene single sheets. 2011 , 5, 554-560		354
585	Low- and high-order nonlinear optical characterization of C60-containing media. 2011 , 64, 109-114		15
5 ⁸ 4	Growth mechanism and multiphoton-induced photoluminescence of crownlike zinc oxide. 2011 , 46, 18	77-188	36

583	n situ synthesis or nigh-density contact-rree Ag-nanoparticles for plasmon resonance polystyrene nanocomposites. 2011 , 46, 7905-7911	7
582	Graphene and Carbon Nanotube Polymer Composites for Laser Protection. 2011 , 21, 736-746	32
581	Thermal nonlinear refraction properties of Ag2S semiconductor nanocrystals with its application as a low power optical limiter. 2011 , 284, 2370-2375	48
580	Novel poly(3,4-dialkoxythiophene)s carrying 1,3,4-oxadiazolyl-biphenyl moieties: synthesis and nonlinear optical studies. 2011 , 60, 112-118	5
579	The marriage of terpyridines and inorganic nanoparticles: synthetic aspects, characterization techniques, and potential applications. 2011 , 23, 5728-48	73
578	Synthesis and Characterization of Highly Soluble Two-Photon-Absorbing Chromophores with Multi-Branched and Dendritic Architectures. 2011 , 2011, 912-921	27
577	A dinuclear europium(III) complex with thenoyltrifluoroacetonato and 1-(2-pyridylzao)-2-naphtholato ligands and its optical properties. 2011 , 370, 346-352	5
576	Nonlinear optical absorption and fluorescence of phosphine-substituted bithiophenes in the violet-blue spectral region. 2011 , 284, 3090-3094	8
575	Optical limiting action of C60 doped poly(dimethylacetylendicarboxylate). 2011 , 43, 1343-1346	7
574	Optical nonlinear absorption characteristics of crystalline Ge2Sb2Te5 thin films. 2011 , 110, 033503	23
573	Synthesis of Silver Nanowires and Investigation of their Optical Limiting Properties. 2011 , 295-297, 152-155	9
572	Automatic suppression of intense monochromatic light in electro-optical sensors. <i>Sensors</i> , 2012 , 12, 1413328	17
571	OPTICAL LIMITING IN NONLINEAR FIBER BRAGG GRATING. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2012 , 21, 1250017	4
570	Effect of concentration on the plasmonic absorption and optical nonlinearity of gold nanoparticles. 2012 , 51, 089001	14
569	Optical limiting and spectral stabilization in segmented photonic lattices. 2012 , 20, 27299-310	5
568	Enhanced nonlinear optical response of metal nanocomposite based photonic crystals. 2012, 101, 111103	20
567	Near-infrared absorbing organic materials with nonlinear transmission properties. 2012, 31, 319-366	33
566	WITHDRAWN: Structural and nonlinear optical effects of Pt doped TiO2 nanoparticles. 2012 ,	

565	Encyclopedia of Carbon Nanoforms. 2012 , 1-65	2
564	Linear and nonlinear optical properties of modified graphene-based materials. 2012 , 37, 1283-1289	22
563	Photophysical and DFT characterization of novel Pt(II)-coupled 2,5-diaryloxazoles for nonlinear optical absorption. 2012 , 116, 11519-30	15
562	Theoretical study of two-photon absorption properties and up-conversion efficiency of new symmetric organic Econjugated molecules for photovoltaic devices. 2012 , 18, 3657-67	7
561	New optical limiting polymeric materials with different Electron conjugation bridge structures: Synthesis and characterization. 2012 , 48, 1575-1585	9
560	Hierarchical CdSe-gold hybrid nanocrystals: synthesis and optical properties. 2012 , 14, 13180-6	6
559	Enhancement of twist angle dependent two-photon activity through the proper alignment of ground to excited state and excited state dipole moment vectors. 2012 , 116, 8067-73	17
558	Solvent induced channel interference in the two-photon absorption processa theoretical study with a generalized few-state-model in three dimensions. 2012 , 14, 1156-65	57
557	Large Third-Order Nonlinearity of New Econjugated Donor-Acceptor Polymers with Substituted Thiophene and 1,3,4-Oxadiazole Moieties. 2012 , 61, 483-504	11
556	Near- and off-resonant optical limiting properties of goldBilver alloy nanoparticles for intense nanosecond laser pulses. 2012 , 14, 075203	36
555	Polymer Photonics. 2012 , 211-260	4
554	Graphene Oxides as Tunable Broadband Nonlinear Optical Materials for Femtosecond Laser Pulses. 2012 , 3, 785-90	175
553	An all-optical plasmonic limiter based on a nonlinear slow light waveguide. 2012 , 23, 444014	14
552	Size dependent nonlinear optical properties of spin coated zinc oxide-polystyrene nanocomposite films. 2012 , 285, 5433-5439	24
551	Study on third-order nonlinear optical properties of 4-methylsulfanyl chalcone derivatives using picosecond pulses. 2012 , 47, 3552-3557	85
550	Huge enhancement of optical nonlinearities in coupled Au and Ag nanoparticles induced by conjugated polymers. 2012 , 100, 023106	18
549	Donor-Acceptor Conjugated Polymers and Their Nanocomposites for Photonic Applications. 2012,	
548	Nanocomposites of graphene oxide and upconversion rare-earth nanocrystals with superior optical limiting performance. 2012 , 8, 2271-6	75

547	Mechanism studies on the superior optical limiting observed in graphene oxide covalently functionalized with upconversion NaYF□Yb□+/Er□+ nanoparticles. 2012 , 8, 2163-8		56
546	Graphene photonics, plasmonics, and broadband optoelectronic devices. <i>ACS Nano</i> , 2012 , 6, 3677-94	6.7	1468
545	Enhanced Optical Nonlinearity in Noncovalently Functionalized Amphiphilic Graphene Composites. 2012 , 77, 688-693		22
544	Optical limiting characteristics of Dichloridobis(1-ethyl-2, 6-dimethylpyridinium-4-olate-D) zinc (II). 2012 , 12, 401-404		5
543	Optical sensor protector using wide-bandgap semiconductors. <i>Optik</i> , 2012 , 123, 1580-1582	.5	3
542	Nonlinear optical properties of carbon nanotube hybrids in polymer dispersions. <i>Materials Chemistry and Physics</i> , 2012 , 133, 992-997	·4	25
54 ¹	Solvothermal synthesis and study of nonlinear optical properties of nanocrystalline thallium doped bismuth telluride. 2012 , 189, 85-89		9
540	Ultrafast nonlinear optical response of carbon nanotubes functionalized with water soluble porphyrin. 2012 , 285, 1920-1924		18
539	Two-photon absorption and effective optical power-limiting properties of small dendritic chromophores derived from functionalized fluorene/oxadiazole units. 2012 , 68, 4935-4949		21
538	Optical limiting action of C60 doped poly(ethylacetylenecarboxylate). 2012 , 44, 2282-2285		9
537	Experimental verification of enhanced electromagnetic field intensities at the photonic stop band edge of 3D polystyrene photonic crystals using Z-Scan technique. 2012 , 10, 236-242		6
536	Optical limiting action of few layered graphene oxide dispersed in different solvents. <i>Optical Materials</i> , 2013 , 36, 112-117	.3	51
535	Effect of annealing on the structural and nonlinear optical properties of ZnO thin films under cw regime. 2013 , 46, 055106		39
534	Growth and characterization of third order nonlinear optical material: Isatin. 2013, 427, 91-96		9
533	Organic dye impregnated poly(vinyl alcohol) nanocomposite as an efficient optical limiter: structure, morphology and photophysical properties. 2013 , 1, 3851		43
532	Synthesis and Characterization of Nanocrystalline MgO for Optical Applications Using Sol-Gel Method. 2013 , 646, 76-83		1
531	The effect of the size factor of nanodiamonds in suspensions on optical power limiting and nonlinear laser light scattering. 2013 , 39, 229-232		6
530	Spectral and nonlinear optical transmission studies of Zr4+-doped TiO2 nanoparticles. 2013 , 266, 326-331		11

529	Nonlinear Optical Properties of Coordination and Organometallic Complexes. 2013, 781-835		13
528	Giant optical limiting effect in Ormosil gel glasses doped with graphene oxide materials. 2013 , 1, 6759		68
527	(B) and optical power limiting measurements of Polyaniline and its derivative Poly (o-toluidine) under CW regime. 2013 , 293, 125-132		42
526	Investigation of third-order nonlinear optical properties of pyrazoline-doped polyvinyl alcohol films. 2013 , 53, 1958-1967		8
525	Nonlinear optical and all-optical switching studies of palladium(II) complex. 2013, 105, 173-176		18
524	Synthesis of the end-functionalized polymethyl methacrylate incorporated with an asymmetrical porphyrin group via atom transfer radical polymerization and investigation on the third-order nonlinear optical properties. 2013 , 272, 65-72		9
523	Electrochemical performances and volume variation of nano-textured silicon thin films as anodes for lithium-ion batteries. 2013 , 24, 424011		19
522	Third-order nonlinear optical responses in derivatives of phenylhydrazone by Z-scan and optical limiting studies-influence of noble metal nanoparticles. <i>Optical Materials</i> , 2013 , 36, 304-309	.3	35
521	Linear and Nonlinear Optical Properties of Photoresponsive [60]Fullerene Hybrid Triads and Tetrads with Dual NIR Two-Photon Absorption Characteristics. 2013 , 117, 17186-17195		17
520	Optimized Photothermal Lens Determination of Nonlinear Absorption. 2013 , 34, 1385-1397		1
519	Effects of illumination on electrical parameters of Ag/n-CdO/p-Si diode. <i>Materials Chemistry and Physics</i> , 2013 , 138, 72-77	·4	36
518	Large excited state two photon absorptions in the near infrared region of surprisingly stable radical cations of (ferrocenyl)indenes. 2013 , 15, 12971-6		11
517	Synthesis of Optical-Quality Single-Crystal		29
516	Improvement of near-field beam quality for high-power laser pulses by a two-photon-absorption organic compound. <i>Optik</i> , 2013 , 124, 60-63	5	1
515	Optical limiting materials: Synthesis, electrochemical and optical studies of new thiophene based conjugated polymers carrying 1,3,4-oxadiazole units. 2013 , 53, 1347-1356		8
514	Investigation on the structural and nonlinear optical properties of Pt doped TiO2 nanoparticles. 2013 , 48, 3037-3042		13
513	Nondegenerate two-photon absorption in GaSb. 2013 , 304, 54-57		5
512	Three-photon absorption and vibrational spectroscopic study of 2-methylamino-5-chlorobenzophenone. 2013 , 106, 253-61		2

511	Investigation of optical limiting in Cobalt nanoparticles synthesized by laser ablation. <i>Chemical Physics Letters</i> , 2013 , 555, 149-153	8
510	Nonlinear Optical Refraction and Absorption of Media. 2013 , 89-150	1
509	Structural features and existence of three photon absorption in Ag doped TiO2 nanoparticles, synthesized by solgel technique. 2013 , 554, 432-437	20
508	Synthesis, optical power limiting, and DFT calculations of tripletEriplet absorption of three novel Pt(II)-diacetylide chromophores. 2013 , 54, 2403-2408	12
507	Broadband saturable absorption and optical limiting in graphene-polymer composites. 2013 , 102, 191112	41
506	Charge transfer assisted nonlinear optical and photoconductive properties of CdS-AgInS2 nanocrystals grown in semiconducting polymers. 2013 , 113, 123107	5
505	All-optical switching properties of liquid C60/toluene solution. 2013, 289, 136-139	2
504	Remarkable optical limiting and stabilization effects of a malononitrile derivative on 1064 nm pulsed laser. 2013 , 102, 251906	8
503	Size effect on the optical limiting in suspensions of detonation nanodiamond clusters. <i>Applied Optics</i> , 2013 , 52, 4123-30	23
502	Synthesis, linear and nonlinear optical properties of phosphonato-substituted bithiophenes derived from 2,2Lbiphenol. 2013 , 42, 14281-97	17
501	Modeling of nonlinear absorption of 5,10-A2B2 porphyrins in the nanosecond regime. 2013 , 117, 15-26	38
500	Synthesis and optical properties of poly (aryl ether ketone)s-containing nonlinear optical chromophores. 2013 , 25, 843-853	1
499	Study of third-order nonlinear optical and all-optical switching properties of palladium metalBrganic complex. <i>Optical Materials</i> , 2013 , 35, 1366-1372	23
498	Approach dealing with the temporal profile of a probe laser pulse in the open-aperture Z-scan. Applied Optics, 2013 , 52, 1076-85	3
497	Controllable broadband nonlinear optical response of graphene dispersions by tuning vacuum pressure. 2013 , 21, 16486-93	28
496	DRESSED QUANTUM GRAPHS WITH OPTICAL NONLINEARITIES APPROACHING THE FUNDAMENTAL LIMIT. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2013 , 22, 1350041	11
495	Calculation of divergent photon absorption in ultrathin films of a topological insulator. 2013, 88,	22
494	Optical limiting in the near-IR range in nanodiamonds dispersed in D2O. 2014 , 40, 1007-1009	1

493	Tuning Optical Nonlinearity of Laser-Ablation-Synthesized Silicon Nanoparticles via Doping Concentration. 2014 , 2014, 1-7		5
492	Polarization-sensitive nonlinear light scattering and optical limiting in aqueous suspension of detonation nanodiamonds. 2014 , 31, 2990		8
491	Epitaxial growth of VO2 by periodic annealing. 2014 , 104, 063104		44
490	Broadband near infrared optical power limiting of few layered graphene oxides. 2014 , 104, 191112		39
489	Hyperpolarizability and two photon observation of imidazolium picrate. <i>Optik</i> , 2014 , 125, 7132-7135	2.5	5
488	Third-order nonlinear optical properties and photophysical mechanism of a novel In-porphyrin polymer. 2014 ,		
487	Research on limiting of high power laser radiation in nonlinear nanomaterials. 2014,		1
486	Graphene-based saturable absorbers in semiconductor lasers. 2014 ,		O
485	Enhanced optical limiting in polystyrene-ZnO nanotop composite films. <i>Optics Letters</i> , 2014 , 39, 474-7	3	9
484	Optimum topology of quasi-one-dimensional nonlinear optical quantum systems. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2014 , 23, 1450025	0.8	6
483	Preparation, characterization, and nonlinear optical properties of graphene oxide-carboxymethyl cellulose composite films. 2014 , 57, 84-89		35
482	Third-Order Nonlinear Optical, Optical Power Limiting, and All-Optical Switching Studies on Palladium Complexes. 2014 , 44, 282-290		5
481	Whispering-gallery mode lasing in ZnO microcavities. 2014 , 8, 469-494		92
480	Studies on thermally induced third-order optical nonlinearity and optical power limiting response of Azure B under CW Helle laser excitation. 2014 , 62, 58-62		13
479	Facile preparation of transparent and dense CdS-silica gel glass nanocomposites for optical limiting applications. 2014 , 6, 3972-7		14
478	Optical nonlinearities in non-peripherally substituted pyridyloxy phthalocyanines: a combined effect of symmetry, ring-strain and demetallation. 2014 , 43, 999-1010		35
477	Carbon nanodots with strong nonlinear optical response. 2014 , 69, 638-640		47
476	Measurement of a saturated emission of optical radiation from gold nanoparticles: application to an ultrahigh resolution microscope. 2014 , 112, 017402		71

475	Optical limiting and nonlinear optical studies of ferrocenyl substituted calixarenes. <i>Chemical Physics Letters</i> , 2014 , 616-617, 189-195	2.5	12
474	Concentration dependence of the optical limiting and nonlinear light scattering in aqueous suspensions of detonation nanodiamond clusters. <i>Optical Materials</i> , 2014 , 37, 218-222	3.3	17
473	Nonlinear optics: modulating optical power. 2014 , 13, 917-8		5
472	The influence of nonlinear scattering light distributions on the optical limiting properties of carbon nanotubes. 2014 , 11, 115904		8
471	Laser damage helps the eavesdropper in quantum cryptography. 2014 , 112, 070503		73
470	Enhanced optical limiting performance in phthalocyanine-quantum dot nanocomposites by free-carrier absorption mechanism. <i>Optical Materials</i> , 2014 , 37, 572-582	3.3	36
469	Two-photon absorption-based optical limiting in 2-(2-methoxybenzyllideneamino)-5-methylphenylmercuric chloride-doped PMMA film. 2014 , 28, 14500	079	29
468	Fullerene van der Waals oligomers as electron traps. 2014 , 136, 10890-3		38
467	Structural and optical properties of new organic crystal 1-[4-(methylsulfanyl) phenyl]-3-(2,4,5-trimethoxyphenyl) prop-2-en-1-One for optical limiting applications. <i>Journal of Molecular Structure</i> , 2014 , 1074, 653-659	3.4	32
466	Substitution, Environment, and Excitation Wavelength Effects on the Optical Nonlinearities of Some Novel cis-/trans-EConjugated Azobenzenes. 2014 , 118, 24697-24704		3
465	Graphene oxidefioble metal (Au, Pt, and Pd) nanoparticle composites as optical limiters. 2014 , 4, 39697	7-3970	3 32
464	Concept of a reflective power limiter based on nonlinear localized modes. 2014 , 89,		23
464	Concept of a reflective power limiter based on nonlinear localized modes. 2014 , 89, Chemical control of channel interference in two-photon absorption processes. 2014 , 47, 1604-12		23 54
463	Chemical control of channel interference in two-photon absorption processes. 2014 , 47, 1604-12 Investigation of nonlinear characteristics of intensity limiters of high-power laser radiation. 2014 ,	3-3	54
463	Chemical control of channel interference in two-photon absorption processes. 2014 , 47, 1604-12 Investigation of nonlinear characteristics of intensity limiters of high-power laser radiation. 2014 , 116, 454-461 All optical nonlinear and switching characteristics of a novel ruthenium complex. <i>Optical Materials</i> ,	3.3	54
463 462 461	Chemical control of channel interference in two-photon absorption processes. 2014, 47, 1604-12 Investigation of nonlinear characteristics of intensity limiters of high-power laser radiation. 2014, 116, 454-461 All optical nonlinear and switching characteristics of a novel ruthenium complex. Optical Materials, 2014, 36, 1054-1059 Synthesis and two-photon property studies of symmetrically substituted bisarylacetylene	3.3	54 6 17

457	Ab initio simulation of optical limiting: the case of metal-free phthalocyanine. 2014 , 112, 198303	21
456	Enhanced optical limiting performance of substituted metallo-naphthalocyanines with wide optical limiting window. 2014 , 109, 144-150	22
455	Microstructure and optical limiting properties of multicomponent inorganic gel-glasses: A focus on SiO2, TiO2 and PbO gel-glasses. 2014 , 40, 2669-2675	5
454	Diffraction can mimic saturation in multiphoton absorbers. 2014,	
453	On the sensitivity to partial pressure of oxygen of the mobility in cadmium oxide. 2015 , 29, 1550206	2
452	Reflective optical limiter based on gallium arsenide. 2015,	
451	Quantized impedance dealing with the damping behavior of the one-dimensional oscillator. 2015 , 5, 117217	2
450	Poly(arylene ether ketone)s with pendant porphyrins: synthesis and investigation on optical limiting properties. 2015 , 5, 48311-48322	14
449	Determination of nonlinear refracxtive index of zirconium and CNTs doped iron oxide thin films. 2015 , 44, 99-102	
448	Polymer Monoliths Containing Two-Photon Absorbing Phenylenevinylene Platinum(II) Acetylide Chromophores for Optical Power Limiting. <i>ACS Applied Materials & Acs Applied & Acs Applied</i>	33
447	Synthesis, z-scan and degenerate four wave mixing characterization of certain functionalized photosensitive polyesters containing ortho-hydroxyazo chromophores. <i>Optical Materials</i> , 2015 , 45, 171-₹80	3
446	Nonlinear optical transmission of cyanobacteria-derived optical materials. <i>Optical Materials</i> , 2015 , 46, 497-503	1
445	Biomedical applications involving multiphoton probes. 2015,	
444	Optical power limiting in ensembles of colloidal Ag2S quantum dots. 2015 , 45, 1143-1150	22
443	Practical Security Bounds Against the Trojan-Horse Attack in Quantum Key Distribution. 2015 , 5,	51
442	Low power optical limiting studies of copper doped lithium tetraborate nanoparticles. 2015 , 140, 288-93	13
441	Optical limiting behavior of BaB2O4 nanoparticles in pulsed and continuous wave regime. 2015 , 48, 065102	34
440	Investigation of optical nonlinearity of 3,3?-dimethylbiphenyl 4,4?-diamine and 4,4?-diisocyano-3,3?-dimethylbiphenyl using a Z-scan technique. 2015 , 70, 45-49	15

(2015-2015)

439	Self-diffraction and high nonlinear optical properties of carbon nanotubes under CW and pulsed laser illumination. 2015 , 206, 4-9		19	
438	Enhanced optical limiting behaviour of indium phthalocyanine derivatives when in solution or embedded in poly(acrylic acid) or poly(methyl methacrylate) polymers. 2015 , 303-304, 44-52		13	
437	Photophysical and non-linear optical behavior of novel tetra alkynyl terminated indium phthalocyanines: Effects of the carbon chain length. 2015 , 88, 73-80		21	
436	Conjugated Polycyanines: A New Class of Materials with Large Third-Order Optical Nonlinearities. 2015 , 3, 900-906		30	
435	Size dependent nonlinear optical absorption in BaTiO3 nanoparticles. <i>Chemical Physics Letters</i> , 2015 , 625, 58-63	2.5	33	
434	Improved optical limiting performance of laser-ablation-generated metal nanoparticles due to silica-microsphere-induced local field enhancement. 2015 , 6, 1199-204		13	
433	A frozen matrix hybrid optical nonlinear system enhanced by a particle lens. 2015 , 7, 14982-8		15	
432	Nonlinear optical properties of carboxymethyl starch nanocomposite by Z-scan technique using a NdMAG laser. <i>Applied Physics B: Lasers and Optics</i> , 2015 , 120, 681-687	1.9	6	
431	Reflective optical limiter based on resonant transmission. 2015 , 91,		18	
430	Nonlinear optical response of tetra and mono substituted zinc phthalocyanine complexes. 2015 , 167, 71-79		19	
429	Unexpected optical limiting properties from MoS2 nanosheets modified by a semiconductive polymer. 2015 , 51, 12262-5		41	
428	Nonlinear optical absorption investigations of the novel organicIhorganic hybrid salt: Bis[1,1?-methylenedipyridinium] hexacyanidoferrate(II) octahydrate by Z-scan technique. <i>Optik</i> , 2015 , 126, 1491-1494	2.5	12	
427	Investigation of the Nonlinear Properties of Carbon Nanomaterials for Thresholding of Powerful Laser Radiation. 2015 , 48, 324-327		2	
426	Broadband optical limiting response of a graphene-PbS nanohybrid. 2015 , 7, 9268-74		44	
425	Nonlinear optical absorption tuning in Bi3.15Nd0.85Ti3O12 ferroelectric thin films by thickness. 2015 , 106, 142904		6	
424	Nonlinear optical properties of natural laccaic acid dye studied using Z-scan technique. <i>Optical Materials</i> , 2015 , 46, 270-275	3.3	57	
423	Threshold effect under nonlinear limitation of the intensity of high-power light. 2015 , 45, 315-320		7	
422	Structural, Nonlinear Absorption, and Optical Limiting Properties of a New Organic Crystal 3-(3-fluorophenyl)-1-[4-(methylsulfanyl) phenyl] prop-2-en-1-one. 2015 , 609, 192-204		17	

421	Structureproperty relation and third order nonlinear optical absorption study of a new organic crystal: 1-(3,4-Dimethoxyphenyl)-3-(2-fluorophenyl) prop-2-en-1-one. <i>Optical Materials</i> , 2015 , 49, 279-28	3 3 .3	10
420	Reducing the risk of laser damage in a focal plane array using linear pupil-plane phase elements. <i>Applied Optics</i> , 2015 , 54, 210-8	1.7	10
419	Tunable optical nonlinearity of silicon nanoparticles in solid state organic matrix. 2015, 5, 1606		16
418	Flexible, robust and highly efficient broadband nonlinear optical materials based on graphene oxide impregnated polymer sheets. 2015 , 3, A87		17
417	Tuning nonlinear optical absorption properties of WS[hanosheets. 2015, 7, 17771-7		46
416	Engineered bio-compatible graphene nanomaterials for nonlinear applications. 2015 , 5, 102		5
415	Carbon-based optical limiting materials. 2015 , 58, 1782-1791		16
414	White light Z-scan measurements of ultrafast optical nonlinearity in reduced graphene oxide nanosheets in the 400🛘00 nm region. 2015 , 107, 051104		180
413	Singlet fission induced giant optical limiting responses of pentacene derivatives. 2015 , 2, 619-624		21
412	Optical limiting and nonlinear optical properties of gold-decorated graphene nanocomposites. <i>Optical Materials</i> , 2015 , 39, 182-187	3.3	25
411	1-[4-(methylsulfanyl) phenyl]-3-(4-nitropshenyl) prop-2-en-1-one: A reverse saturable absorption based optical limiter. <i>Materials Chemistry and Physics</i> , 2015 , 149-150, 487-494	4.4	23
410	Size-dependent nonlinear optical properties of atomically thin transition metal dichalcogenide nanosheets. 2015 , 11, 694-701		132
409	Growth, spectral, optical, thermal, surface analysis and third order nonlinear optical properties of an organic single crystal: 1-(2-Methyl-6-nitro-4-phenyl-3-quinolyl) ethanone. 2015 , 137, 23-8		10
408	Optical limiting properties of sudan red B in solution and solid film. 2015 , 47, 297-311		31
407	Nonlinear Optical Properties of Metal Nanoparticles in Silicate Glass. 2016 , 165-179		7
406	Broadband Two-Photon Absorption Characteristics of Highly Photostable Fluorenyl-Dicyanoethylenylated [60]Fullerene Dyads. <i>Molecules</i> , 2016 , 21,	4.8	3
405	Crystal structure and nonlinear optical absorption of a new chalcone derivative: a promising candidate for optical switching. <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1	1.9	18
404	Synthesis and Optical Limiting Properties of Graphene Oxide/Bimetallic Nanoparticles. 2016 , 11, 16500	33	

403	Two-photon absorption induced optical power limiting behavior of strong femtosecond hyper-Gaussian pulses. 2016 ,		1
402	Transmission based measurements of femtosecond laser induced nonlinear absorption inside polymers. <i>Optical Materials</i> , 2016 , 62, 512-517	3.3	1
401	Observation of Two-Photon Absorption and Nonlinear Refraction in AlN. 2016 , 33, 104201		3
400	Nonlinear properties of unfilled d shell metal porphyrins of 5,10,15,20-tetraphenyl-21H, 23H-porphine cobalt(II) et 5,10,15,20-tetrakis(4-methoxyphenyl)-21H, 23H-porphine cobalt(II) using D4 EZ-scan. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2016 , 25, 1650050	0.8	10
399	Nonlinear threshold effect in the Z-scan method of characterizing limiters for high-intensity laser light. 2016 , 120, 093109		9
398	Intensity modulated optical transmission in a non-linear dielectric environment with an embedded mono-layer transition metal dichalcogenide. 2016 , 120, 123105		1
397	Charge-transfer complex formations of tetracyanoquinone (cyanil) and aromatic electron donors. 2016 , 29, 35-41		7
396	Excited-State Absorption from Real-Time Time-Dependent Density Functional Theory: Optical Limiting in Zinc Phthalocyanine. 2016 , 7, 1387-91		26
395	Enhanced saturable absorption of the graphene oxide film via photonic nanojets. 2016 , 6, 1114		7
394	Thermally stable J-type phthalocyanine dimers as new non-linear absorbers for low-threshold optical limiters. 2016 , 18, 15964-71		18
393	Investigations on the third order nonlinear optical properties of Basic Fuchsin dye using zscan technique. <i>Optik</i> , 2016 , 127, 7717-7725	2.5	16
392	Optimized trade-offs between triplet emission and transparency in Pt(II) acetylides through phenylsulfonyl units for achieving good optical power limiting performance. 2016 , 4, 5626-5633		17
391	Nonlinear optical properties of (1☑) CaFe2O4☑BaTiO3 composites. 2016 , 42, 11093-11098		9
390	Quasi-three-level model applied to measured spectra of nonlinear absorption and refraction in organic molecules. 2016 , 33, 780		16
389	Axially substituted phthalocyanine/naphthalocyanine doped in glass matrix: an approach to the practical use for optical limiting material. 2016 , 24, 9723-33		5
388	Nonlinear optical properties and optical limiting measurements of graphene oxide Ag@TiO2 compounds. <i>Optical Materials</i> , 2016 , 57, 146-152	3.3	19
387	Creation of advanced optical limiters based on J-type phthalocyanine dimers and their conjugates with single-walled carbon nanotubes. 2016 ,		
386	Passive optical switches based on endohedral fullerenes. <i>Optical Materials</i> , 2016 , 53, 14-18	3.3	8

385	Synthesis and experimental-computational characterization of nonlinear optical properties of triazacyclopentafluorene-coumarin derivatives. <i>Optical Materials</i> , 2016 , 62, 231-239	12
384	Dynamical propagation of nanosecond pulses in Naphthalocyanines and Phthalocyanines. 2016 , 480, 12-16	2
383	Photoinitiators for Multiphoton Absorption Lithography. 2016 , 133-165	3
382	Synthesis, thermal analysis, and linear and nonlinear optical characterization of substituted polyphosphonates derived from 1,12-dodecanediol. 2016 , 54, 3663-3674	3
381	Nonlinear optical effects in colloidal carbon nanohorns new optical limiting material. 2016, 49, 365501	5
380	Porphyrinpoly(arylene ether sulfone) covalently functionalized multi-walled carbon nanotubes: synthesis and enhanced broadband nonlinear optical properties. 2016 , 6, 75530-75540	12
379	Optical limiting effects of cyano substituted distyrylbenzene derivatives. 2016 , 134, 368-374	7
378	Functionalized tetrafluorenylethylene-type chromophores: Synthesis, two-photon absorption and effective optical power-limiting properties in the visible-to-near IR region. 2016 , 134, 325-333	13
377	Third-order NLO property of thienyl chalcone derivative: Physicochemical analysis and crystal structure determination. 2016 , 637, 76-86	24
376	Hypersensitive transport in asymmetric photonic layered media. 2016,	
375	Theoretical analysis on the sensitivity to partial pressure of oxygen of the band gap shift in CdO thin films. 2016 , 30, 1650371	1
374	Saturation Dynamics Measures Absolute Cross Section and Generates Contrast within a Neuron. 2016 , 111, 1328-1336	2
373	Graphene and its derivatives for laser protection. 2016 , 84, 118-157	85
372	Experimental Realization of a Reflective Optical Limiter. 2016 , 5,	25
371	Optical limiting properties and z-scan measurements of carbon disulfide at 205 In wavelength. 2016 , 33, 1655	13
370	Creation of backdoors in quantum communications via laser damage. 2016 , 94,	36
369	Characterization of oxidized carbon materials with photoinduced absorption response. <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1	16
368	Nonlinear Optical Materials for the Smart Filtering of Optical Radiation. 2016 , 116, 13043-13233	329

(2016-2016)

367	Nonlinear optical characterization of colloidal solutions containing dye and Ag2S quantum dot associates. 2016 , 122, 1		13	
366	Hypersensitive Transport in Photonic Crystals with Accidental Spatial Degeneracies. <i>Scientific Reports</i> , 2016 , 6, 22169	4.9	4	
365	Synthesis, Z-Scan and Degenerate Four Wave Mixing characterization of certain novel thiocoumarin derivatives for third order nonlinear optical applications. <i>Optical Materials</i> , 2016 , 58, 171-182	3.3	8	
364	Optical limiting property of a liquid malononitrile derivative on 800 hm laser pulses. <i>Optical Materials</i> , 2016 , 58, 164-170	3.3	2	
363	Nonlinear terahertz devices utilizing semiconducting plasmonic metamaterials. 2016 , 5, e16078		46	
362	Nonlinear optical responses of MoS4Cu4(PzMe3)6Cl2 under low power CW He-Ne laser excitation. <i>Optik</i> , 2016 , 127, 6050-6055	2.5	5	
361	Optical nonlinearity in nanostructured carbon thin films fabricated by pulsed laser deposition technique. 2016 , 611, 56-61		12	
360	Self-activating liquid crystal devices for smart laser protection. 2016 , 43, 2062-2078		49	
359	Near-infrared wavelength-dependent nonlinear transmittance tailoring in glass ceramics containing Er3+:LaF3 nanocrystals. 2016 , 4, 6707-6712		17	
358	Nonlinear optical response of a low symmetry phthalocyanine in the presence of gold nanoparticles when in solution or embedded in poly acrylic acid polymer thin films. 2016 , 319-320, 8-17		14	
357	Optical limiting properties of in situ reduced graphene oxide/polymer nanocomposites. <i>Materials Chemistry and Physics</i> , 2016 , 171, 367-373	4.4	18	
356	Optimised atmospheric pressure CVD of monoclinic VO2 thin films with picosecond phase transition. 2016 , 287, 160-165		12	
355	Third-order nonlinear optical properties and power limiting behavior of magnesium ferrite under CW laser (532 nm, 50 mW) excitation. 2016 , 51, 3289-3296		35	
354	Nonlinear optical behavior of alkyne terminated phthalocyanines in solution and when embedded in polysulfone as thin films: Effects of aggregation. <i>Optical Materials</i> , 2016 , 51, 194-202	3.3	10	
353	Optical limiting properties of carbon disulfide at 2.05h wavelength. 2016 ,		2	
352	Nonlinear optical properties and optical power limiting effect of Giemsa dye. 2016 , 82, 150-156		19	
351	Reverse saturable absorption studies in polymerized indole Effect of polymerization in the phenomenal enhancement of third order optical nonlinearity. <i>Optical Materials</i> , 2016 , 54, 252-261	3.3	17	
350	Nanosecond high-order nonlinear optical effects in wide band gap silver sulfide nanoparticles colloids. <i>Optik</i> , 2016 , 127, 2485-2489	2.5	10	

349	Photophysical and optical power limiting behaviors of Au(I) acetylides with diethynyl aromatic ligands showing different electronic features. 2016 , 804, 80-86		11
348	Z-scan measurements of the third order optical nonlinearity of C60 doped poly(ethylacetylenecarboxylate) under CW regime. <i>Optik</i> , 2016 , 127, 2566-2569	2.5	21
347	Optical nonlinearity investigation of the tetracarbonyl(2,2?-bipyridyl)molybdenum(0) using Z-scan technique. <i>Optik</i> , 2016 , 127, 2570-2574	2.5	4
346	Thermal diffusivity of 2,3-Pyridinediamine determination by thermal blooming. <i>Optik</i> , 2016 , 127, 2659-2	2 6 65	10
345	Nonlinear optical and optical limiting properties of ultra-long gold nanowires. 2016 , 166, 51-54		14
344	Investigation of optical nonlinearity of 8-hydroxyquinolinium 2-chloroacetate and 8-hydroxyquinolinium (Z)-3-carboxyacrylate salts by Z-scan technique. 2016 , 76, 85-90		24
343	Nonlinear absorption, optical limiting behavior and structural study of a new chalcone derivative-1-(3, 4-dimethylphenyl)-3-[4(methylsulfanyl) phenyl] prop-2-en-1-one. 2016 , 77, 23-30		34
342	Third order nonlinear optical properties and crystal structures of (E)-1 (3,4-dimethoxyphenyl)-3-(4-(trifluoromethyl)phenyl)prop-2-en-1-one. 2017 , 21, 198-205		6
341	Structural and optical properties of a new organic crystal 3-(2-chloro-5-(trifluoromethyl) phenyl)-1-(3,4-dimethoxyphenyl)prop-2-en-1-one for nonlinear optical applications. 2017 , 32, 140-147		5
340	The effect of doping acid on the third-order nonlinearity of carboxymethyl cellulose by the Z-scan technique. <i>Optical Materials</i> , 2017 , 64, 345-350	3.3	11
339	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. 2017 , 140, 417-430		37
338	Novel Bi2O2CO3/polypyrrole/g-C3N4 nanocomposites with efficient photocatalytic and nonlinear optical properties. 2017 , 7, 7658-7670		35
337	Emerging Low-Dimensional Materials for Nonlinear Optics and Ultrafast Photonics. 2017 , 29, 1605886		184
336	Stoichiometry-dependent linear and nonlinear optical properties of PLD SiO x thin films. 2017 , 706, 370	-376	8
335	Unconventional High-Performance Laser Protection System Based on Dichroic Dye-Doped Cholesteric Liquid Crystals. <i>Scientific Reports</i> , 2017 , 7, 42955	4.9	11
334	Laser Synthesis and Processing of Colloids: Fundamentals and Applications. 2017 , 117, 3990-4103		684
333	Synthesis of nanocomposites based on carbon nanotube/smart copolymer with nonlinear optical properties. <i>Optical Materials</i> , 2017 , 67, 172-179	3.3	10
332	Optical nonlinearity and charge transfer analysis of pyrene adsorbed on silver: Computational and experimental investigations. 2017 , 184, 286-293		9

331	Optical nonlinearity of D-A-ED and D-A-EA type of new chalcones for potential applications in optical limiting and density functional theory studies. <i>Journal of Molecular Structure</i> , 2017 , 1143, 306-31 ³ .4	20
330	Construction and nonlinear optical characterization of CuO quantum dots doped Na2OtaOB2O3BiO2 bulk glass. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 13201-13208	4
329	Tuning the third-order nonlinear optical properties of In:ZnO thin films by 8 MeV electron beam irradiation. 2017 , 110, 260-265	12
328	Structural and nonlinear optical characterizations of ZnS/ PVP nanocomposites synthesized by pulsed laser ablation. <i>Optical Materials</i> , 2017 , 67, 119-124	14
327	Waveguide photonic limiters based on topologically protected resonant modes. 2017, 95,	11
326	Effect of reducing agents in tuning the third-order optical nonlinearity and optical limiting behavior of reduced graphene oxide. 2017 , 488-489, 55-61	20
325	Photophysical and nonlinear optical study of benzothiazole substituted phthalocyanines in solution and thin films. 2017 , 21, 263-272	14
324	Encapsulation of cobalt porphyrins in organically modified silica gel glasses and their nonlinear optical properties. <i>Applied Physics B: Lasers and Optics</i> , 2017 , 123, 1	5
323	Covalent functionalization of graphene oxide with porphyrin and porphyrin incorporated polymers for optical limiting. 2017 , 19, 2252-2260	53
322	MoS /Carbon Nanotube Core-Shell Nanocomposites for Enhanced Nonlinear Optical Performance. 2017 , 23, 3321-3327	46
321	Optical properties of functionalized nanodiamonds. <i>Scientific Reports</i> , 2017 , 7, 14086 4.9	22
320	2D TiS2 Layers: A Superior Nonlinear Optical Limiting Material. 2017 , 5, 1700713	49
319	Tunable Nanosecond and Femtosecond Nonlinear Optical Properties of CNB-Doped TiO2 Nanoparticles. 2017 , 121, 24192-24205	18
318	Platinum(II) acetylide complexes with star- and V-shaped configurations possessing good trade-off between optical transparency and optical power limiting performance. 2017 , 5, 11672-11682	14
317	Excited-state absorption in tetrapyridyl porphyrins: comparing real-time and quadratic-response time-dependent density functional theory. 2017 , 19, 27452-27462	23
316	The Characterization of Absorptive Nonlinearities. 2017, 11, 1700106	24
315	Optical limiting properties of 2,6-dibromo-3,5- distyrylBODIPY dyes at 532 nm. 2017 , 21, 523-531	17
314	Nanosecond optical nonlinearities in low symmetry phthalocyanine nanoconjugates studied using the Z-scan technique. 2017 , 192, 1167-1179	11

313	Nonlinear optical properties of metal nanoparticles: a review. 2017, 7, 45129-45144	135
312	Two-photon spectroscopy of tungsten(0) arylisocyanides using nanosecond-pulsed excitation. 2017 , 46, 13188-13193	4
311	Optical limiting properties of 3,5-diphenyldibenzo-azaBODIPY at 532 nm. 2017 , 41, 12319-12325	22
310	Covalent Functionalization of Graphene by Nucleophilic Addition Reaction: Synthesis and Optical-Limiting Properties. 2017 , 12, 2583-2590	12
309	Two- and three-photon absorption properties of fan-shaped dendrons derived from 2,3,8-trifunctionalized indenoquinoxaline units: synthesis and characterization. 2017 , 5, 8219-8232	9
308	Synthesis, Linear, and Nonlinear Optical Properties of Phosphonato-Substituted Bithiophenes Derived from 2,2-Dimethyl-1,3-propanediol. 2017 , 2017, 4077-4093	
307	Silver nanoprisms/silicone hybrid rubber materials and their optical limiting property to femtosecond laser. 2017 , 123, 1	0
306	Optical Limiting Properties of 3,5-Dithienylenevinylene BODIPY Dyes at 532 nm. 2017 , 23, 14507-14514	42
305	Crystal growth and characterization of semi-organic 2-amino-5-nitropyridinium bromide (2A5NPBr) single crystals for third-order nonlinear optical (NLO) applications. 2017 , 123, 1	25
304	Nonlinear optical and optical limiting response of PLD nc-Si thin films. 2017 , 5, 12211-12220	9
303	All-optical switching and limiting properties of a Ru (II) Schiff-base complex for nonlinear optical applications. 2017 , 27, 085401	6
302	TungstenBopper clusters assembled on porous alumina for optical limiting applications. 2017 , 5, 7561-7566	8
301	Role of reaction time in tuning the morphology and third order nonlinear optical properties of barium borate. 2017 , 89, 54-58	7
300	Ultrafast and short pulse optical nonlinearity in isolated, sparingly sulfonated water soluble graphene. 2017 , 111, 283-290	21
299	Third-order nonlinear optical properties of organic azo dyes by using strength of nonlinearity parameter and Z-scan technique. 2017 , 88, 68-74	43
298	Solvent Effects on Two-Photon Absorption of Alkyne and Alkene Ebridging Chromophores. 2017 , 30, 63-70	1
297	Optical limiting performance of a GaAs/AlAs heterostructure microcavity in the near-infrared. Applied Optics, 2017, 56, 5811-5816	5
296	Conjugation Length Effect on TPA-Based Optical Limiting Performance of a Series of Ladder-Type Chromophores. 2017 , 10,	2

295	Nonlinear optical characterization of multinuclear iridium compounds containing tricycloquinazoline. 2017 , 56, B179-B183		3	
294	Polarization dynamics in twisted fiber amplifiers: a non-Hermitian nonlinear dimer model. <i>Optics Letters</i> , 2017 , 42, 4402-4405	3	4	
293	Lanthanide (III) complexes of 3-(ethylthio)phenyl-substituted phthalocyanines: Synthesis and physicochemical properties. 2018 , 156, 386-394		15	
292	Conjugated macrocyclic materials with photoactivated optical absorption for the control of energy transmission delivered by pulsed radiations. 2018 , 35, 56-73		12	
291	Photophysical and optical limiting properties at 532 nm of BODIPY dyes with p-benzyloxystyryl groups at the 3,5-positions. 2018 , 22, 413-422		10	
290	Nonlinear Absorption Applications of CH3NH3PbBr3 Perovskite Crystals. 2018 , 28, 1707175		63	
289	Ultra-broadband nonlinear optical response of two-dimensional h-BN nanosheets and their hybrid gel glasses. 2018 , 10, 4276-4283		18	
288	Low temperature synthesis and characterization of zinc gallate quantum dots for optoelectronic applications. 2018 , 740, 567-573		18	
287	Characterization and enhanced nonlinear optical limiting response in carbon nanodots dispersed in solid-state hybrid organically modified silica gel glasses. <i>Optical Materials</i> , 2018 , 76, 335-343	3.3	10	
286	Zn doped CdO thin films with enhanced linear and third order nonlinear optical properties for optoelectronic applications. 2018 ,		Ο	
285	Graphite/diamond ethylene glycol-nanofluids for solar energy applications. 2018, 126, 692-698		40	
284	Star-Shaped Push-Pull Molecules with a Varied Number of Peripheral Acceptors: An Insight into Their Optoelectronic Features. 2018 , 2, 465-474		9	
283	Thermally induced self-phase modulation and optical limiting application of l-arginine hydrochloride (LAHCl) solutions. <i>Optik</i> , 2018 , 164, 519-526	2.5	4	
282	Facile one-step fabrication of upconversion fluorescence carbon quantum dots anchored on graphene with enhanced nonlinear optical responses 2018 , 8, 10267-10276		14	
281	Estimating maximal disorder in amorphous solids. <i>Journal of Non-Crystalline Solids</i> , 2018 , 481, 1-3	3.9	1	
280	Effect of temperature on the structural, linear, and nonlinear optical properties of MgO-doped graphene oxide nanocomposites. 2018 , 7, 243-251		22	
279	Study of PbBiO2X (X = Cl, Br and I) square nanoplates with efficient visible photocatalytic performance. 2018 , 428, 844-850		20	
278	Optical limiting properties of 3,5-dipyrenylvinyleneBODIPY dyes at 532nm. 2018 , 191, 357-364		19	

277	Contribution of excited state absorption to optical limiting properties in multi-branched structures. 2018 , 355, 226-232		
276	Stimulated Brillouin scattering materials, experimental design and applications: A review. <i>Optical Materials</i> , 2018 , 75, 626-645	3.3	48
275	Growth, dielectric, thermal and Z-scan studies of isatin admixtured 4-methyl benzene sulfonamide crystal. <i>Optik</i> , 2018 , 158, 1194-1202	2.5	4
274	Structural characterizations, Hirshfeld surface analyses, and third-order nonlinear optical properties of two novel chalcone derivatives. <i>Optical Materials</i> , 2018 , 75, 580-594	3.3	63
273	Invited Article: Optical dynamic range compression. APL Photonics, 2018, 3, 110806	5.2	3
272	New heterobimetallic Au(I) P t(II) polyynes achieving a good trade-off between transparency and optical power limiting performance. 2018 , 6, 11416-11426		8
271	Manipulating triplet states: tuning energies, absorption, lifetimes, and annihilation rates in anthanthrene derivatives. 2018 , 20, 28412-28418		8
270	Photosensitizers in antibacterial photodynamic therapy: an overview. 2018 , 27, 293-302		104
269	Porphyrin and Phthalocyanine Covalently Functionalized Graphene and Carbon Nanotube Nanohybrids for Optical Limiting. 2018 ,		
268	(chi ^{(3)}) measurement and optical limiting behaviour of novel semi-organic cadmium mercury thiocyanate crystal by Z-scan technique. 2018 , 124, 1		9
267	Optical limiting in nanodiamond suspension: shortening of the laser pulses. 2018 , 1124, 051017		1
266	Saturated absorption of different layered Bi2Se3 films in the resonance zone. 2018 , 6, C8		23
265	Optical power limiting of ultrashort hyper-Gaussian pulses in cascade three-level system. <i>Chinese Physics B</i> , 2018 , 27, 104209	1.2	2
264	High-performance dichroic dye-doped flexible cholesteric polymer film optical filter for laser protection application. 2018 , 26, 23000-23007		5
263	Opening two benzene rings on trichalcogenasumanenes toward high performance organic optical-limiting materials. 2018 , 54, 10981-10984		23
262	Spectral, nonlinear optical and optical limiting properties of l-phenylalanine l-phenylalaninium formate single crystal. 2018 , 203, 147-157		O
261	Third order nonlinear and optical limiting properties of alkaline bismuth borate glasses. 2018 , 107, 110-1	115	21
260	Optical limiting properties of (reduced) graphene oxide covalently functionalized by coordination complexes. 2018 , 375, 489-513		31

259	Reverse Saturable Absorption Induced by Phonon-Assisted Anti-Stokes Processes. 2018 , 30, e1801638		39
258	Design rules for the large two-photon absorption diketopyrrolopyrrole-based quadrupolar symmetrical chromophores. 2018 , 72, 3033-3042		3
257	Investigation on structural, linear, nonlinear and optical limiting properties of sol-gel derived nanocrystalline Mg doped ZnO thin films for optoelectronic applications. <i>Journal of Molecular Structure</i> , 2018 , 1173, 375-384	3.4	44
256	Nonlinear absorption and refraction in semiconductor and carbon-contained nanoparticles. 2018 , 165-2	11	
255	Picosecond dynamic of aqueous sodium-copper chlorophyllin solution: An excited state absorption study. <i>Chemical Physics Letters</i> , 2018 , 706, 652-657	2.5	6
254	Molecular Engineering of Bandgaps in Covalent Organic Frameworks. 2018 , 30, 5743-5749		65
253	Determination of the contributions of two simultaneous absorption orders using 2-beam action spectroscopy. 2018 , 26, 9492-9501		5
252	Theoretical modeling and analysis on the absorption cross section of the two-photon excitation in Rb. 2018 , 26, 17254-17263		2
251	Ultrafast saturable absorption of MoS nanosheets under different pulse-width excitation conditions. <i>Optics Letters</i> , 2018 , 43, 243-246	3	41
250	Growth of ordered arrays of vertical free-standing VO2 nanowires on nanoimprinted Si. 2018 , 113, 0431	101	10
249	Probing Multiphoton Photophysics Using Two-Beam Action Spectroscopy. 2018 , 122, 6643-6653		
	Probing Multiphoton Photophysics osing Two-Beam Action Spectroscopy. 2016, 122, 0043-0033		4
248	Facet-dependent nonlinear optical properties of bismuth oxychloride single-crystal nanosheets. 2018 , 6, 8709-8716		10
248 247	Facet-dependent nonlinear optical properties of bismuth oxychloride single-crystal nanosheets.		
	Facet-dependent nonlinear optical properties of bismuth oxychloride single-crystal nanosheets. 2018, 6, 8709-8716 The effect of the cobalt and manganese central metal ions on the nonlinear optical properties of		10
247	Facet-dependent nonlinear optical properties of bismuth oxychloride single-crystal nanosheets. 2018, 6, 8709-8716 The effect of the cobalt and manganese central metal ions on the nonlinear optical properties of tetra(4-propargyloxyphenoxy)phthalocyanines. 2018, 42, 9857-9864 Poly(arylene ether)s based on platinum(II) acetylide complexes: synthesis and photophysical and		7
² 47 ² 46	Facet-dependent nonlinear optical properties of bismuth oxychloride single-crystal nanosheets. 2018, 6, 8709-8716 The effect of the cobalt and manganese central metal ions on the nonlinear optical properties of tetra(4-propargyloxyphenoxy)phthalocyanines. 2018, 42, 9857-9864 Poly(arylene ether)s based on platinum(II) acetylide complexes: synthesis and photophysical and nonlinear absorption properties. 2018, 6, 7317-7325		7
247 246 245	Facet-dependent nonlinear optical properties of bismuth oxychloride single-crystal nanosheets. 2018, 6, 8709-8716 The effect of the cobalt and manganese central metal ions on the nonlinear optical properties of tetra(4-propargyloxyphenoxy)phthalocyanines. 2018, 42, 9857-9864 Poly(arylene ether)s based on platinum(II) acetylide complexes: synthesis and photophysical and nonlinear absorption properties. 2018, 6, 7317-7325 Nonlinear optical transmission of nanocrystalline FeSe2 in the ultrafast excitation regime. 2018, Heat-Induced Dip of Optical Limiting Threshold in Carbon Nanotube Aqueous Suspension. 2018,	3.4	10 7 9

241	Excited state absorption assisted optical limiting action of Fe decorated I-BBO nanorods. <i>Materials Chemistry and Physics</i> , 2019 , 237, 121827	4.4	10
240	Optical limiting properties of BODIPY dyes substituted with styryl or vinylene groups on the nanosecond timescale. 2019 , 23, 701-717		6
239	Nonlinear Absorption Measurements of Aza-Borondipyrromethene Dyes by the Z-Scan Method. 2019 ,		
238	Optical Limiting and Femtosecond Pump-Probe Transient Absorbance Properties of a 3,5-distyrylBODIPY Dye. 2019 , 7, 740		5
237	Evaluation of Linear and Nonlinear Optical Properties of DA Type 2-Amino-5-Nitropyridinium Dihydrogen Phosphate (2A5NPDP) Single Crystal Grown by the Modified SankaranarayananRamasamy (SR) Method for Terahertz Generation. 2019 , 19, 6873-6892		11
236	Nonlinear Optical Properties of Materials Based on Graphene Oxide: A Review. 2019 , 4, 151-159		1
235	Active sensing and side channels of information leakage in quantum cryptography. 2019 , 29, 124001		2
234	Nonlinear optical transmission of nanocrystalline Cu2Se in the ultrafast excitation regime. 2019 ,		О
233	Enhanced nonlinear optical properties of ZnS nanoparticles in 1D polymer photonic crystal cavity. 2019 , 114, 35-39		27
232	Timefrequency analysis of ultrafast dynamics in cascade three-level system driven by hyper-Gaussian pulses. 2019 , 438, 25-33		2
231	Migratory Shift in Oxidative Cyclodehydrogenation Reaction of Tetraphenylethylenes Containing Electron-Rich THDTAP Moiety. 2019 , 14, 1860-1869		6
230	Investigations on single crystal growth and nonlinear optical studies of 2-Hydroxy-1-naphthaldehyde. 2019 , 511, 25-32		5
229	Light-matter Interaction Under Intense Field Conditions: Nonlinear Optical Properties of Metallic-dielectric Nanostructures. 2019 , 4, 51-62		2
228	Giant and Tunable Optical Nonlinearity in Single-Crystalline 2D Perovskites due to Excitonic and Plasma Effects. 2019 , 31, e1902685		31
227	Z-scan study of nonlinear absorption in gold doped borosilicate glass: Effect of Dy3+. <i>Journal of Non-Crystalline Solids</i> , 2019 , 521, 119481	3.9	13
226	Nanoarchitectonics for Photoelectronics. 2019 , 197-208		
225	Tuning of nonlinear absorption in highly luminescent CdSe based quantum dots with core-shell and core/multi-shell architectures. 2019 , 21, 11424-11434		9
224	Characterization of nonlinear optical refractive index for graphene oxideBilicon oxide nanohybrid composite. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2019 , 28, 1950005	0.8	7

223	Comparative analyses of optical limiting effects in metal nanoparticles and perovskite nanocrystals. <i>Optical Materials</i> , 2019 , 92, 366-372	3.3	7	
222	Multi-photon properties in various condensed phases of dendritic chromophores derived from carbazole and indenoquioxaline units: Synthesis and characterization. 2019 , 168, 140-150		2	
221	Spectral intensity and phase changes of short laser pulses by two-photon absorption. 2019 , 66, 886-890		1	
220	Structural, spectral, thermal and nonlinear optical analysis of potassium tartrate hemihydrate crystal. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 7974-7980	2.1		
219	The structural and third-order nonlinear optical studies of a novel nitro group-substituted chalcone derivative for nonlinear optical applications. 2019 , 125, 1		16	
218	Multi-Photon Excitation Based Nonlinear Optical Effects and Applications. 2019 , 64, 155-278		2	
217	Growth, structural and optical limiting property of a new third order nonlinear optical material: piperazinium bis (2-carboxypyridine) monohydrate. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 9471-9488	2.1	8	
216	Poly(arylene ether)s with aromatic azo-coupled cobalt phthalocyanines in the side chain: synthesis, characterization and nonlinear optical and optical limiting properties 2019 , 9, 9253-9259		7	
215	Al dopant-dependent third-order nonlinear optical parameters in ZnO thin films under CW Nd: YAG laser irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 8619-8628	2.1	1	
214	Fullerene functionalized gold nanoparticles for optical limiting of continuous wave lasers. <i>Applied Physics B: Lasers and Optics</i> , 2019 , 125, 1	1.9	5	
213	Enhanced photostability and optical nonlinearity of nickel and cobalt organometallic complexes. <i>Optical Materials</i> , 2019 , 89, 494-497	3.3	7	
212	Laser excitation dependent nonlinear absorption of 2-Amino 5-Nitropyridinium dihydrogen phosphate. 2019 , 692, 62-73		1	
211	Nonlinear optical properties of Ag-enriched ZnO nanostructures. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2019 , 28, 1950027	0.8	3	
210	Fabrication of Metal Dielectric Nanocomposites by Ion Implantation and Characterization by Nonlinear Optics Techniques. 2019 , 159-195		1	
209	Nonlinear optics in carbon nanotube, graphene, and related 2D materials. APL Photonics, 2019, 4, 03430	5 .2	92	
208	Zinc oxide encapsulated poly (vinyl alcohol) nanocomposite films as an efficient third-order nonlinear optical material: Structure, microstructure, emission and intense low threshold optical limiting properties. 2019 , 112, 281-291		15	
207	Functionalized few-layered graphene oxide embedded in an organosiloxane matrix for applications in optical limiting. <i>Chemical Physics Letters</i> , 2019 , 714, 149-155	2.5	8	
206	Structure, crystal growth and characterization of piperazinium bis(4-nitrobenzoate) dihydrate crystal for nonlinear optics and optical limiting applications. <i>Journal of Molecular Structure</i> , 2019 , 1179, 108-117	3.4	27	

205	Second and third order nonlinear optical studies of a novel thiophene substituted chalcone derivative. 2019 , 555, 125-132	24	
204	Recent Progress in Two-Dimensional Nanomaterials for Laser Protection. 2019 , 1, 17-43	14	
203	Exceptional Two-Photon Absorption in Alkynylruthenium-Gold Nanoparticle Hybrids. 2019, 19, 756-760	9	
202	Laser protection with optical limiting by combination of polymers with dyes. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47150	5	
201	Multiple strong hydrogen bonded supramolecular cocrystals of 18-crown-6 with 5-nitroisophthalic acid: Solvent effect and optical nonlinearities. <i>Journal of Molecular Structure</i> , 2020 , 1201, 127158	5	
200	Sol-gel synthesis of stabilized silver nanoparticles in an organosiloxane matrix and its optical nonlinearity. 2020 , 532, 110610	9	
199	Effects of gold nanoparticles on photophysical behaviour of chlorophyll and pheophytin. 2020 , 389, 112252	2 11	
198	Experimental and DFT/TD-DFT approach on photo-physical and NLO properties of 2, 6-bis (4-Chlorobenzylidene) cyclohexanone. <i>Optical Materials</i> , 2020 , 100, 109620	1	
197	Planar and sandwich-type Pr(III) and Nd(III) chlorinated phthalocyaninates: Synthesis, thermal stability and optical properties. 2020 , 174, 108075	4	
196	Nonlinear Optical Properties of CdSe Quantum Dots Having Different Sizes. 2020 , 20, 7710-7715	2	
195	Novel nitro based chalcone derivative single crystals: characterization on structural, linear optical, thermal, and third-order nonlinear optical properties. 2020 , 126, 1	2	
194	Hybrids of gold nanoparticles and oligo(p-phenyleneethynylene)s end-functionalized with alkynylruthenium groups: Outstanding two-photon absorption in the second biological window. 2020 , 13, 2755-2762	3	
193	Optical nonlinearities of centrosymmetric pure and cerium doped calcium tungstate dumbbell shaped nanoparticles. <i>Optical Materials</i> , 2020 , 110, 110512	8	
192	Investigation of ultrafast multi-photon absorption and optical limiting response in a pyrazine-based N-heteroacene. 2020 , 401, 112768		
191	Optimization of Nonlinear Optical Response of One-Dimensional Nanostructured Sodium Titanate Through Morphological Control. 2020 , 15, 2050086		
190	Progress on phthalocyanine-conjugated Ag and Au nanoparticles: Synthesis, characterization, and photo-physicochemical properties. 2020 , 13, 8848-8887	5	
189	High-Performance Optical Power Limiting Filters at Telecommunication Wavelengths: When Aza-BODIPY Dyes Bond to Sol © el Materials. 2020 , 124, 24344-24350	6	
188	Outstanding Broadband (532 nm to 2.2 lb) and Very Efficient Optical Limiting Performance of Some Defect-Engineered Graphenes. 2020 , 11, 9515-9520	5	

(2021-2020)

187	Trojan Horse Attacks, Decoy State Method, and Side Channels of Information Leakage in Quantum Cryptography. 2020 , 130, 809-832	6
186	Quantum dots of two-dimensional Ruddlesden P opper organic s horganic hybrid perovskite with high optical limiting properties. 2020 , 10, 045130	7
185	Resonant enhancement of nonlinear absorption and ultrafast dynamics of WS2 nanosheets. 2020 , 52, 1	4
184	Optical behaviour of nematic liquid crystal doped with carbon dot in the nonlinear optical regime. 2020 , 130, 106367	4
183	Optical nonlinearity, saturation in absorption and optical bistability of AZO films synthesized in presence of sodium hydroxide. 2020 , 587, 412148	4
182	Optical limiting behaviour of linear fused ring dichloro-substituent chalcone isomers. 2020 , 1535, 012034	1
181	Transition metal complex/gold nanoparticle hybrid materials. 2020, 49, 2316-2341	18
180	Ultrabroad acoustical limiting in nonlinear metamaterials due to adaptive-broadening band-gap effect. 2020 , 101,	10
179	Paradoxical combination of saturable absorption and reverse-saturable absorption in plasmon semiconductor nanocrystals. 2020 , 2, 1676-1684	3
178	Self-Shielded Topological Receiver Protectors. 2020 , 13,	5
177	Photoacoustic identification of laser-induced microbubbles as light scattering centers for optical limiting in a liquid suspension of graphene nanosheets. 2020 , 12, 7109-7115	7
176	Coherent control of Optical limiting in atomic systems. <i>Scientific Reports</i> , 2020 , 10, 2756 4.9	4
175	Fullerene (C60) Nanowires: The Preparation, Characterization, and Potential Applications. 2020 , 3, 469-491	9
174	Influence of Structural Isomerism on the Photophysical Properties of a Series of Donor-Acceptor 1-Naphthalenecarbonitrile Derivatives Possessing Amine Substituents. 2020 , 124, 2113-2122	O
173	The effects of intersystem and reverse intersystem crossing on the optical limiting properties of C60. 2020 , 127, 103102	2
172	Hollow Gaussian beam: Generation, transformation and application in optical limiting. 2020 , 471, 125809	9
171	Experimental and Theoretical Studies on Various Linear and Non-linear Optical Properties of 3-Aminopyridinium 3,5-Dinitrobenzoate for Photonic Applications. 2021 , 51, 22-39	1
170	Synthesis, structural, spectroscopical and DFT studies on third order NLO crystal: Ethyl-5-hydroxy-4-(2-hydroxyphenyl)-2-oxo-6-(trifluoromethyl) hexahydropyrimidine5-carboxylate (EHOTHPC). Journal of Molecular Structure, 2021 , 1224, 129017	3

169	Two-dimensional ruddlesden-popper hybrid perovskite quantum dots for optical limiting application. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 12922-12928	2.1	2
168	Designable Al -Oxo Clusters with Hydrotalcite-like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4849-4854	16.4	11
167	Intensity-dependent two-photon absorption and its saturation in 2-methyl 4-nitroaniline nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 360-372	2.1	3
166	Electrical Tuning of the Fifth-Order Optical Nonlinearity of Antimony-Doped Tin Oxide. 2021 , 9, 20013	57	5
165	Nonlinear optical behavior and optical power limiting characteristics of peripheral symmetrical and non-symmetrical zinc phthalocyanines with nanosecond pulsed excitation. 2021 , 195, 114975		5
164	Designable Al32-Oxo Clusters with Hydrotalcite-like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. <i>Angewandte Chemie</i> , 2021 , 133, 4899-4904	3.6	O
163	Synthesis, structure, third-order nonlinear optical properties and Hirshfeld surface analysis of tetrakis(azepanium) hexachlorostannate(IV) dichloride and tetrakis(azepanium) hexabromostannate(IV) dibromide. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129515	3.4	3
162	An insight into phenomenal optical non-linearities arising from synergistic relationship between selected BODIPYs and noble metal nanoparticles. 2021 , 35,		6
161	Exploring the optical limiting, photocatalytic and antibacterial properties of the BiFeO-NaNbO nanocomposite system 2021 , 11, 8450-8458		2
160	Delocalized exciton formation in C60 linear molecular aggregates. 2021 , 23, 21901-21912		O
159	Nanosecond nonlinear optical and optical limiting properties of Eu3+ activated borate glasses embedded with silver nanoparticles. 2021 ,		
158	Growth, optical, dielectric and mechanical properties of benzimidazolium 3,5-dinitrobenzoate single crystals. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 2987-2998	2.1	O
157	Colloidal semiconductor nanocrystals: synthesis, optical nonlinearity, and related device applications.		4
156	Molecular light-upconversion: we have had a problem! When excited state absorption (ESA) overcomes energy transfer upconversion (ETU) in Cr(III)/Er(III) complexes. 2021 , 50, 7955-7968		3
155	A solidIlquid two-phase precipitation method for the growth of fullerene (C60) nanowires. 2021 , 23, 6340-6348		0
154	Multi-photon properties of branched chromophores derived from indenoquinoxaline and oxadiazole heterocyclic units 2020 , 11, 525-536		2
153	Diffraction-limited broadband optical meta-power-limiter. Optics Letters, 2021, 46, 1293-1296	3	3
152	Efficacy of Eu3+ on improving the nearthfrared optical nonlinearities and optical limiting properties of antimony sodium borate glasses. <i>Journal of Non-Crystalline Solids</i> , 2021 , 556, 120566	3.9	6

(2021-2021)

151	Comparative Study on Au-Ag composition in Lithium Zinc Calcium Fluroborate Glasses: Nonlinear Optics Perspective. 2021 , 1819, 012022		О
150	Antimicrobial and Nonlinear Optical Studies of Copper Oxide Nanoparticles. <i>Journal of Electronic Materials</i> , 2021 , 50, 3415-3421	1.9	Ο
149	Nonlinear Optical Properties of Vertically-Aligned MoS2 Nanosheets. <i>Journal of Electronic Materials</i> , 2021 , 50, 3645-3651	1.9	2
148	Nonlinear optical, optical limiting and radiation shielding features of Eu3+ activated borate glasses. <i>Optik</i> , 2021 , 232, 166563	2.5	4
147	Optical limiting and speckle of low power continuous wave laser beams using nonlinear scattering in photorefractive Zr: LiNbO3 crystals. 2021 , 574, 179-186		
146	Enhanced Two P hoton Absorption and Promising Broad Energy Range Optical Power Limiting Properties of Transoid and Cisoid Benzodipyrrolenine-Fused Squaraine Dimers. 2021 , 33, 3121-3131		1
145	Ultrathin Broadband Reflective Optical Limiter. 2021, 15, 2100001		7
144	Nonlinearly enhanced photoacoustic microscopy by picosecond-laser-pumped excited state absorption of phthalocyanine nanoprobes. 2021 , 118, 193701		1
143	Nanosecond nonlinear optical, optical limiting and gamma radiation shielding attributes of Eu3+ions doped heavy metal borate glasses. 2021 , 47, 14330-14340		11
142	Parametrically resonant surface plasmon polaritons. <i>Optics Letters</i> , 2021 , 46, 2581-2584	3	1
142 141	Parametrically resonant surface plasmon polaritons. <i>Optics Letters</i> , 2021 , 46, 2581-2584 Tuning the nonlinear optical properties by engineering donor-acceptor configurations in nitrochalone derivatives. <i>Optical Materials</i> , 2021 , 115, 111024	3 3.3	3
	Tuning the nonlinear optical properties by engineering donor-acceptor configurations in		
141	Tuning the nonlinear optical properties by engineering donor-acceptor configurations in nitrochalone derivatives. <i>Optical Materials</i> , 2021 , 115, 111024 Preparation, characterization, and nonlinear optical properties of graphene oxide thin film doped		3
141	Tuning the nonlinear optical properties by engineering donor-acceptor configurations in nitrochalone derivatives. <i>Optical Materials</i> , 2021 , 115, 111024 Preparation, characterization, and nonlinear optical properties of graphene oxide thin film doped with low chirality metallic SWCNTs. 2021 , 12, 1461-1472 Simple modelling of nonlinear losses induced by Kerr lensing effect. <i>Applied Physics B: Lasers and</i>	3.3	3
141 140 139	Tuning the nonlinear optical properties by engineering donor-acceptor configurations in nitrochalone derivatives. <i>Optical Materials</i> , 2021 , 115, 111024 Preparation, characterization, and nonlinear optical properties of graphene oxide thin film doped with low chirality metallic SWCNTs. 2021 , 12, 1461-1472 Simple modelling of nonlinear losses induced by Kerr lensing effect. <i>Applied Physics B: Lasers and Optics</i> , 2021 , 127, 1 Enhanced non-linear optical properties of Eu3+ activated glasses by embedding silver	3.3	3 12 1
141 140 139	Tuning the nonlinear optical properties by engineering donor-acceptor configurations in nitrochalone derivatives. <i>Optical Materials</i> , 2021 , 115, 111024 Preparation, characterization, and nonlinear optical properties of graphene oxide thin film doped with low chirality metallic SWCNTs. 2021 , 12, 1461-1472 Simple modelling of nonlinear losses induced by Kerr lensing effect. <i>Applied Physics B: Lasers and Optics</i> , 2021 , 127, 1 Enhanced non-linear optical properties of Eu3+ activated glasses by embedding silver nanoparticles. 2021 , 47, 16801-16808	3.3	3 12 1
141 140 139 138	Tuning the nonlinear optical properties by engineering donor-acceptor configurations in nitrochalone derivatives. <i>Optical Materials</i> , 2021 , 115, 111024 Preparation, characterization, and nonlinear optical properties of graphene oxide thin film doped with low chirality metallic SWCNTs. 2021 , 12, 1461-1472 Simple modelling of nonlinear losses induced by Kerr lensing effect. <i>Applied Physics B: Lasers and Optics</i> , 2021 , 127, 1 Enhanced non-linear optical properties of Eu3+ activated glasses by embedding silver nanoparticles. 2021 , 47, 16801-16808 Stimulated RayleighBragg scattering study in a two-photon absorbing liquid and a solid. 2021 , 38, 2187 Precursor Based Tuning of the Nonlinear Optical Properties of Au-Ag Bimetallic Nanoparticles	3.3	3 12 1 6

133	Crystal structure and physicochemical properties of a new optofunctional metal-organic cocrystal delivering intermolecular charge-transfer-enhanced nonlinear optical and optical limiting properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 18669-18688	2.1	2
132	Giant Broadband (450🛘300 nm) Optical Limiting and Enhancement of the Nonlinear Optical Response of Some Graphenes by Defect Engineering. 2021 , 125, 16075-16085		3
131	Third-order nonlinear optical properties of graphene composites: A review*. <i>Chinese Physics B</i> , 2021 , 30, 080703	1.2	1
130	Enhanced optical nonlinearity in #MnO2 nanowire network decorated with Ag nanoparticles. Optical Materials, 2021, 118, 111226	3.3	3
129	Parametrically resonant surface plasmon polaritons. 2021,		
128	Photoluminescence and nonlinear optical investigations on Eu2O3 doped sodium bismuth borate glasses for solid state lighting and near-infrared optical limiting applications. 2021 , 116, 103784		5
127	Two-photon and Three-photon Fluorescence of Triton X-100 in the Ultraviolet Region. 2021, 31, 1779-	1785	
126	Experimental investigation of nonlinear optical responses of Fuchsine dye by reversed micelles. 2021 , 53, 1		
125	Microwave-induced optical limiting. 2021 , 130, 093103		О
124	Simulating laser dazzling using augmented and virtual reality. 2021,		
123	A review on the development of optical limiters from homogeneous to reflective 1-D photonic crystal structures. 2021 , 141, 107144		8
122	Investigation of the Photoluminescence and Nonlinear Optical Properties of CeDETiOI Nanocomposites. 2021 , 21, 5201-5206		
121	Study of well-aligned Ag@ZnO nanoflower arrays with growth, photoluminescence and ultrafast nonlinear absorption properties. <i>Optical Materials</i> , 2021 , 120, 111383	3.3	2
120	Using femtosecond laser pulses to study the nonlinear optical properties of rhodamine 6G dissolved in water. 2021 , 340, 117199		O
119	Self-assembled organic-inorganic hybrids: Synthesis, structural, third-order nonlinear optical properties and Hirshfeld surface analysis of bis(1,2,3,4-tetrahydroisoquinolin-2-ium) hexahalostannate(IV). <i>Journal of Molecular Structure</i> , 2021 , 1245, 131092	3.4	1
118	Probing the role of thermal vibrational disorder in the SPT of VO[Formula: see text] by Raman spectroscopy. <i>Scientific Reports</i> , 2021 , 11, 1620	4.9	5
117	Nonlinear light absorption in many-electron systems excited by an instantaneous electric field: a non-perturbative approach. 2021 , 23, 10059-10069		1
116	Active and Applied Functional RF Metamaterials. 2015 , 21-33		1

115	Nonlinear Optical Study of Fullerene-Doped Conjugated Systems: New Materials for Nanophotonics Applications. 2003 , 177-192		4
114	Multiphoton Absorption and Optical Limiting. 2000 , 67-81		3
113	Pressure Effects on Non-Linear Optical Phenomena. 1999 , 25-46		3
112	Fullerenes in Polymers: Nonlinear Optical, Photoconductive, and Mechanical Properties. 1996 , 329-356		О
111	Optical Limiting of Fullerene Derivatives Embedded in Sol-Gel Materials. 1996 , 159-174		7
110	Encyclopedia of Nanotechnology. 2016 , 2954-2971		2
109	Bulk Semiconductors for Infrared Applications. 2001, 239-305		1
108	Liquid Crystal Photorefractive Optics. 2000 , 75-104		1
107	Physicochemical properties of cesium tetroxalate dihydrate single crystal: An efficient material for nonlinear optical applications. <i>Optical Materials</i> , 2020 , 107, 110033	3	8
106	Tunneling-induced optical limiting in quantum dot molecules. <i>Scientific Reports</i> , 2020 , 10, 16304 4-	9	3
105	CHAPTER 4:Functional Materials Based on Metal-Containing Polymers. 2015, 87-119		7
104	Supramolecular cocrystals of O-HO hydrogen-bonded 18-crown-6 with isophthalic acid derivatives: Hirshfeld surface analysis and third-order nonlinear optical properties. 2020 , 76, 241-251		4
103	Incoherent imaging in the presence of unwanted laser radiation: vortex and axicon wavefront coding. 2016 , 55, 123102		3
102	How to assess good candidate molecules for self-activated optical power limiting. 2018, 57, 1		5
101	Nanoscale optical pulse limiter enabled by refractory metallic quantum wells. <i>Science Advances</i> , 2020 , 6, eaay3456	4.3	7
100	On a New Attack on Quantum Key Distribution: Joint Unambiguous Measurements of Probe States and the PNS Attack on Information States. 2020 , 112, 383-392		1
99	Preparation and Processing of Nanoscale Materials by Supercritical Fluid Technology. 2002,		1
98	Graphene as Optical Limiters. 2017 , 131-146		1

97	Optical Limiting Behavior of Acid Blue 29 under a Low Power CW He-Ne Laser Irradiation. 2009 , 115, 886-889	12
96	Z-Scan Measurements of the Third-Order Optical Nonlinearity of a C60Doped Poly(dimethylacetylendicarboxylate). 2015 , 128, 25-28	9
95	Linear distributed Bragg cavity effects on optical limiting in two- and three-level media. 2016, 33, E102	1
94	Size-dependent off-resonant nonlinear optical properties of gold nanoparticles and demonstration of efficient optical limiting. 2019 , 9, 976	13
93	Novel layered 2D materials for ultrafast photonics. 2020 , 9, 1743-1786	12
92	Recent investigations on nonlinear absorption properties of carbon nanotubes. 2020 , 9, 761-781	19
91	Two Photon Absorption in Nanostructure Wide Band Gap Semiconductor CdS Using Femtosecond Laser. 2011 , 01, 64-69	2
90	Third Order Optical Nonlinearities of C₄₅₀ Doped Polymer Thin Film Investigated by the Z-Scan. 2012 , 02, 43-49	17
89	Determination of the Triplet State Lifetime of C₆₀ /Toluene Solution and C₆₀ Thin Films by Pump-Probe Method. 2011 , 01, 81-84	9
88	Optical Limiting and Stabilization Properties of a Liquid Dye on 1064 nm Nanosecond Laser Pulses. 2013 , 03, 34-37	1
87	Self-defocusing, Kerr nonlinearity of green light emitting phosphors, Calcium Strontium bimetallic tungstate nanoparticles decorated rGO. <i>Optical Materials</i> , 2021 , 122, 111680	O
86	Two-Photon Processes: Dynamics and Applications. 2000 , 21-30	
85	Characterization of Nonlinear Optical Parameters of Metal-Doped Polyvinylpyrrolidone Nanostructures and Organic Dye Molecules. 2003 , 367-384	
84	Nonlinear Responses and Optical Properties Modification fISK3 under Irradiation of Femtosecond Laser Pulses. 2009 , 116, 588-591	
83	Light-induced scattering in CdSe quantum dots. 2010 ,	
82	Optical limiting and spectral stabilization in segmented photonic lattices. 2013,	
81	Resonant Third-Order Nonlinear Optical Processes in Organic Molecules. 1996 , 109-128	
80	Nonlinear Spectroscopy in Conjugated Molecules. 1997 , 339-358	

79 Metallo-Organic Materials for Optical Telecommunications. **1999**, 349-406

78	Investigation on Linear and Nonlinear Optical Properties of Nd3+-Doped Lead Boro-Tellurite Glasses. 2016 ,		
77	Experimental Realization of a Reflective Optical Limiter. 2016 ,		О
76	Optical Nonlinearity Investigation of the Novel Organic-Inorganic Hybrid Salt: 1,1Lmethylenedipyridinium pentacynidonitrosoferrate(II)pentahydrate Using Z-Scan System. 2016 , 130, 1326-1331		1
75	The Nonlinear Optical Properties of MNbO3 (M = Ca, Sr, Ba) Thin Films. 2017 , 91-101		
74	Enhanced nonlinear optical limiting in TiS2 dichalcogenide 2D Sheets. 2017 ,		
73	Ultrafast broadband reverse saturable absorption based on two-photon induced singlet state. 2017		
72	Optical limiting behavior of single-walled carbon nanotubes in water dispersion at different concentrations. 2019 ,		
71	Dye-enhanced third upconversion Raman overtone in the ultraviolet region under intense excitation of a 532 nm laser. <i>Optics Letters</i> , 2019 , 44, 4741-4744	3	
70	Synthesis and structural study of organic two-photon-absorbing cycloalkanone chromophores. 2019 , 75, 1554-1561		
69	Superior nonlinear optical and optical limiting properties of cross-linked and thermally stable HiPCO-SWCNTs@PVA films. <i>Optical Materials</i> , 2021 , 122, 111732	3.3	1
68	Anisotropic nonlinear optical response in a graphene oxide-gold nanohybrid. <i>Optics Letters</i> , 2020 , 45, 6655-6658	3	2
67	Growth, spectroscopic, electrical and mechanical studies on hexamethylenetetramine succinate crystal: a new third harmonic generation material. <i>Materials Science-Poland</i> , 2020 ,	0.6	
66	Nonlinear absorption measurements of aza- borondipyrromethene dyes. 2020 ,		
65	Electrospun 2-Nitroaniline (2NA) [Poly (methylmethacrylate) (PMMA) nanofibers for power limiting and Q-switching applications. <i>Chemical Physics Letters</i> , 2022 , 786, 139209	2.5	
64	Deviation of optical limiting performances from the polymer matrix in the polymer based solid samples. <i>Optik</i> , 2022 , 250, 168330	2.5	
63	Low-threshold power and tunable integrated optical limiter based on an ultracompact VO2/Si waveguide. <i>APL Photonics</i> , 2021 , 6, 121301	5.2	0
62	Crystal engineering and physicochemical properties of l-cysteine cadmium chloride (LCC) for frequency-doubling and optical limiting applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 1489	2.1	1

61	Third order nonlinear optical behavior and optical limiting properties of Ni2+ ions doped zinc nano-aluminates. <i>Optical Materials</i> , 2022 , 124, 111950	3.3	O
60	Facile low temperature synthesis of homogeneous CuS nanosheets: An effect of Ga loading on structural, optical, nonlinear and antimicrobial properties. <i>Materials Chemistry and Physics</i> , 2022 , 277, 125552	4.4	1
59	Novel C HD hydrogen-bonded supramolecular complexes of 18-crown-6 with 1-alkylpyridinium iodide and its amino derivatives: Third-order nonlinear optical properties and Hirshfeld surface analysis. <i>Journal of Molecular Structure</i> , 2022 , 1253, 132310	3.4	0
58	Two-Photon Fluorescent Nanomaterials and Their Applications in Biomedicine <i>Journal of Biomedical Nanotechnology</i> , 2021 , 17, 509-528	4	11
57	Third-order optical nonlinearity measurements and optical limiting experiment in Tm: YAG crystal <i>Applied Optics</i> , 2022 , 61, 392-397	1.7	1
56	Computation and experimental results on spectroscopic and physicochemical properties of efficient piperidine driven passive optical limiting material. <i>Physica Scripta</i> , 2022 , 97, 035804	2.6	
55	A laser beam weakening the protective capacity of optical limiting devices. <i>Applied Physics B: Lasers and Optics</i> , 2022 , 128, 1	1.9	
54	A reflective millimeter-wave photonic limiter Science Advances, 2022, 8, eabh1827	14.3	2
53	Record Aluminum Molecular Rings for Optical Limiting and Nonlinear Optics <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	1
52	Record Aluminum Molecular Rings for Optical Limiting and Nonlinear Optics. <i>Angewandte Chemie</i> ,	3.6	
51	Tunable femtosecond nonlinear absorption and optical limiting thresholds of La2O3-B2O3 glasses by controlling the borate structural units. <i>Scripta Materialia</i> , 2022 , 211, 114530	5.6	2
50	Broadband Nonlinear Optical Absorption Induced by Bandgap Renormalization in CVD-Grown Monolayer MoSe ACS Applied Materials & amp; Interfaces, 2022,	9.5	O
49	Electrically Tunable Nonequilibrium Optical Response of Graphene ACS Nano, 2022,	16.7	4
48	A review on 1D photonic crystal based reflective optical limiters. <i>Critical Reviews in Solid State and Materials Sciences</i> , 1-19	10.1	2
47	Morphology, defects and polymer concentration related nonlinear absorption and optical limiting properties of electrospun polyamide 6 nanofibers. <i>Journal of Applied Polymer Science</i> , 52281	2.9	0
46	Visible-Band Nanosecond Pulsed Laser Damage Thresholds of Silicon 2D Imaging Arrays <i>Sensors</i> , 2022 , 22,	3.8	O
45	A comprehensive linear and nonlinear study on a fluorescent stain. <i>Journal of Nonlinear Optical Physics and Materials</i> ,	0.8	
44	Optical Limiting Properties of the Natural Dye Extract from Alternanthera brasiliana Leaves. Journal of Electronic Materials, 1	1.9	

43	Third-order Nonlinear Optical Properties of CdTe Quantum Dots. <i>International Journal of Nanoscience</i> ,	0.6	
42	Reverse Saturable Absorption in Substituted Hydrazones and Its Structure-Property Relationship for Photonic Applications. <i>Laser and Particle Beams</i> , 2022 , 2022, 1-8	0.9	
41	Laser shaping and optical power limiting of pulsed Laguerre-Gaussian laser beams of high-order radial modes in Fullerene C60. <i>Chinese Physics B</i> ,	1.2	
40	Nonlinear optical performance and optical limiting of germanate glasses modified with PbF2 and B2O3 induced by nanosecond pulsed laser. <i>Journal of Non-Crystalline Solids</i> , 2022 , 590, 121704	3.9	О
39	Synthesis and Ultrafast Broadband Optical Limiting Properties of a Two-Branched Twistacene. <i>Molecules</i> , 2022 , 27, 3564	4.8	1
38	The influence of laser-induced alignment on Z-scan properties of 2D carbon nanomaterials suspension dependent on polarization. <i>Scientific Reports</i> , 2022 , 12,	4.9	
37	Polyoxometalates with tunable third-order nonlinear optical and superbroadband optical limiting properties. <i>Inorganic Chemistry Frontiers</i> ,	6.8	1
36	Optical nonlinear properties of hydroxyapatite based materials. <i>Optik</i> , 2022 , 265, 169562	2.5	О
35	Structure-Property Relationship of Three 2-Chloro-4-fluoro Chalcone Derivatives: A Comprehensive Study on Linear and Non-linear Optical Properties, Structural Characterizations and Density Functional Theory. <i>Journal of Molecular Structure</i> , 2022 , 1267, 133584	3.4	Ο
34	Transient Absorption Dynamics and Nonlinear Optical Response in Colloidal Ag2S Quantum Dots. 2022 , 130, 224-231		О
33	N-Doped Graphene and N-Doped Graphene Acid: Heteroatom Doping for Very Efficient Broad-Band Optical Limiting Performance from UV to NIR. 2022 , 126, 14339-14345		1
32	Effect of fluorine doping on the structural and gas sensing property of V2O5 thin films. 2022,		
31	Facile synthesis of reduced graphene oxide from Azadirachta indica for optical power limiting applications: an eco-friendly approach.		
30	Multiphoton absorption at metal alkynyl complexes. 2022 , 473, 214820		О
29	Enhancement of ultrafast nonlinear absorption by different substituted positions in pyrene-containing twistacenes isomers. 2022 , 156, 108563		О
28	Influence of yttrium doping on the nonlinear optical limiting properties of cadmium molybdate nanostructures. 2022 , 12, 27145-27153		О
27	Polymer-grafted ZnO nanorods enhance optical nonlinearity of oligothiophene-doped liquid crystals.		0
26	Ab initio calculation of two-photon absorption in semiconductors. 2022 , 106,		О

25	Laser-assisted synthesis of SiAu nanocomposites with trisodium citrate and their enhanced nonlinear optical properties.	О
24	General three-wave mixing theory of planar parametric optical limiters. 2022,	О
23	Nonlinear optical characterization and optical limiting of silver nanoparticles embedded polystyrene foils.	0
22	Crystalline Phase Effects on the Nonlinear Optical Response of MoS2 and WS2 Nanosheets: Implications for Photonic and Optoelectronic Applications.	1
21	Nonlinear Absorption in Plasmonic Titanium Nitride Nanocrystals. 2201290	О
20	Crystal structure, Hirshfeld surface analysis and third-order nonlinear optical properties of supramolecular complexes of 18-crown-6 with 6-hydrazinonicotinichydrazide and p-phenylenediamine. 2022 , 134569	О
19	Panchromatic Excited-State Absorption in Bis-Cyclometalated Iridium Isocyanide Complexes.	O
18	Supramolecular architecture, Hirshfeld surface analysis and third-order nonlinear optical properties of crown ether with 5-nitroisophthalic acid monomethyl ester and trimesic acid. 2022 , 134853	o
17	A Novel Nonlinear Optical Limiter Based on Stimulated Brillouin Scattering in Highly-Nonlinear Fiber. 2022 , 12, 1751	0
16	Crystal Structure, Hirshfeld Analyses, Spectral, Thermal, Two-Photon Absorption Properties and Optical Limiting Applications of Novel 4-Fluoro-N-[4-(diethylamino)benzylidene]aniline (FDEABA).	O
15	Optical Nonlinear Effects of Nickel and Cobalt substituents in 1D/2D Manganese Tungstate/rGO Nanocomposite for Smart Filtering Optical Radiation. 2023 , 114561	o
14	Optical limiting via spontaneously generated coherence. 2023 , 13,	О
13	Growth, characterizations and nonlinear optical studies of dimethylamine substituted anthracene chalcone single crystals. 2023 , 1278, 134897	0
12	Nonlinear Optical Studies of [Pt17(CO)12(PPh3)8]n+ Metal Nanoclusters and Their Enhancement via All-Plastic Photonic Crystal Cavity. 2023 , 127, 568-576	О
11	Polymer/fullerene nanomaterials in optoelectronic devices: Photovoltaics, light-emitting diodes, and optical sensors. 2023 , 153-174	0
10	Green Synthesis of Ultrathin 2D Nanoplatelets, Hematene and Magnetene, from Mineral Ores in Water, with Strong Optical Limiting Performance.	О
9	Broadband optical limiting in the suspensions of lead sulfide nanoparticles. 2008, 18, 434-437	2
8	Femtosecond nonlinear optical properties of polycyclic aromatic hydrocarbon-based Benzo[e]pyrene derivatives. 2023 , 137, 113603	О

CITATION REPORT

7	Triplet migration and reverse-saturable absorption in cyclometalated iridium complexes with pyrene isocyanide ligands. 2023 ,	Ο
6	18-Crown-6 based supramolecular structure, hydrogen bonding behaviour and its nonlinear optical properties.	О
5	Covalent functionalization of tin disulfide with porphyrin for ultrafast optical limiting. 2023, 11, 5190-5198	O
4	Optical Saturation Produces Spurious Evidence for Photoinduced Superconductivity in K3C60. 2023 , 130,	O
3	Inverted optical bistability and optical limiting in coherently driven excitonpolaritons. 2023, 8, 046105	О
2	Experimental damage thresholds of a laser suppression imaging system using a cubic phase plate. 2023 , 21, 041403	O
1	SYNTHESIS, OPTICAL AND THERMAL ANALYSIS OF p-BROMO CHALCONE DERIVATIVES: A THEORETICAL AND EXPERIMENTAL STUDIES. 2023 , 135591	О