

# Lei Gao

## List of Publications by Year in Descending Order

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

142  
papers

2,069  
citations

25  
h-index

38  
g-index

148  
ext. papers

2,339  
ext. citations

3.2  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
142	Tunable narrow-linewidth fiber laser based on the acoustically controlled polarization conversion in dispersion compensation fiber. <i>Journal of Lightwave Technology</i> , <b>2022</b> , 1-1	4	0
141	Topology-tuned light scattering around Fano resonances by a core-shell cylinder.. <i>Optics Express</i> , <b>2022</b> , 30, 8399-8408	3.3	0
140	Detecting nonlocality by second-harmonic generation from a graphene-wrapped nanoparticle.. <i>Optics Express</i> , <b>2022</b> , 30, 12722-12731	3.3	0
139	Gain-Assisted Optical Pulling Force on Plasmonic Graded Nano-Shell with Equivalent Medium Theory <b>2021</b> , 3, 955-968	2.1	
138	Abnormal degree centrality in end-stage renal disease (ESRD) patients with cognitive impairment: a resting-state functional MRI study. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 1170-1180	4.1	5
137	Scattering of Light with Orbital Angular Momentum from a Metallic Meta-Cylinder with Engineered Topological Charge. <i>ACS Photonics</i> , <b>2021</b> , 8, 2027-2032	6.3	2
136	Photonic Thermal Rectification with Composite Metamaterials. <i>Chinese Physics Letters</i> , <b>2021</b> , 38, 016801.8	1.8	2
135	Geometry symmetry-free and higher-order optical bound states in the continuum. <i>Nature Communications</i> , <b>2021</b> , 12, 4390	17.4	4
134	Voxel-Wise Analysis of Structural and Functional MRI for Lateralization of Handedness in College Students. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 687965	3.3	0
133	Gray matter asymmetry in asymptomatic carotid stenosis. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 5665-5676	5.9	2
132	Longitudinal trajectories of brain volume in combined antiretroviral therapy treated and untreated simian immunodeficiency virus-infected rhesus macaques. <i>Aids</i> , <b>2021</b> , 35, 2433-2443	3.5	
131	A combination of support vector machine and voxel-based morphometry in adult male alcohol use disorder patients with cognitive deficits. <i>Brain Research</i> , <b>2021</b> , 1771, 147644	3.7	2
130	Optical pulling force on nonlinear nanoparticles with gain. <i>AIP Advances</i> , <b>2020</b> , 10, 015131	1.5	3
129	Nonlinear Nanophotonic Circuitry: Tristable and Astable Multivibrators and Chaos Generator. <i>Laser and Photonics Reviews</i> , <b>2020</b> , 14, 1900304	8.3	5
128	Enhanced third-harmonic generation induced by nonlinear field resonances in plasmonic-graphene metasurfaces. <i>Optics Express</i> , <b>2020</b> , 28, 13234-13242	3.3	9
127	3D broadband waveguide cloak and light squeezing in terahertz regime. <i>Optics Letters</i> , <b>2020</b> , 45, 652-655		1
126	Switchable bifunctional metasurfaces: nearly perfect retroreflection and absorption at the terahertz regime. <i>Optics Letters</i> , <b>2020</b> , 45, 3989-3992	3	10

125	Photonic hyperinterfaces for light manipulations. <i>Optica</i> , <b>2020</b> , 7, 687	8.6	6
124	Optical polarization rogue waves and their identifications. <i>JPhys Photonics</i> , <b>2020</b> , 2, 032004	2.5	0
123	Phase-Gradient Metasurfaces Based on Local Fabry-Pérot Resonances. <i>Chinese Physics Letters</i> , <b>2020</b> , 37, 097801	1.8	5
122	How Do You Feel Now? The Saliency Network Functional Connectivity in End-Stage Renal Disease. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 533910	5.1	0
121	Reversal of transmission and reflection based on acoustic metagratings with integer parity design. <i>Nature Communications</i> , <b>2019</b> , 10, 2326	17.4	71
120	Tunable Bistability in the Goos-Hänchen Effect with Nonlinear Graphene. <i>Chinese Physics Letters</i> , <b>2019</b> , 36, 064202	1.8	2
119	Unilateral thalamic glioma disrupts large-scale functional architecture of human brain during resting state. <i>Neuropsychiatric Disease and Treatment</i> , <b>2019</b> , 15, 947-956	3.1	1
118	Giant Goos-Hänchen shift induced by bounded states in optical PT-symmetric bilayer structures. <i>Optics Express</i> , <b>2019</b> , 27, 7857-7867	3.3	25
117	Graphene-tuned optical manipulation on microparticle by Bessel beam. <i>AIP Advances</i> , <b>2019</b> , 9, 035154	1.5	1
116	Mechanism Behind Angularly Asymmetric Diffraction in Phase-Gradient Metasurfaces. <i>Physical Review Applied</i> , <b>2019</b> , 12,	4.3	18
115	Lithium storage mechanisms of CdSe nanoparticles with carbon modification for advanced lithium ion batteries. <i>Chemical Communications</i> , <b>2019</b> , 55, 2996-2999	5.8	16
114	Severe asymptomatic carotid stenosis is associated with robust reductions in homotopic functional connectivity. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 102101	5.3	8
113	Nano-sized FeSe <sub>2</sub> anchored on reduced graphene oxide as a promising anode material for lithium-ion and sodium-ion batteries. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 4225-4235	4.3	45
112	Optical tristability and ultrafast Fano switching in nonlinear magnetoplasmonic nanoparticles. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	12
111	Tunability of Multipolar Plasmon Resonances and Fano Resonances in Bimetallic Nanoshells. <i>Plasmonics</i> , <b>2018</b> , 13, 623-630	2.4	6
110	Broadened region for robust optical bistability in a nonlocal core and Kerr shell nanoparticle. <i>Optics Letters</i> , <b>2018</b> , 43, 2836-2839	3	3
109	Multiwalled carbon nanotube-modified Nb <sub>2</sub> O <sub>5</sub> with enhanced electrochemical performance for lithium-ion batteries. <i>Ceramics International</i> , <b>2018</b> , 44, 23226-23231	5.1	17
108	Facile synthesis of MTaO <sub>4</sub> (M = Al, Cr and Fe) metal oxides and their application as anodes for lithium-ion batteries. <i>Ceramics International</i> , <b>2018</b> , 44, 8827-8831	5.1	6

107	Ultrafast cryptography with indefinitely switchable optical nanoantennas. <i>Light: Science and Applications</i> , <b>2018</b> , 7, 77	16.7	10
106	Enhanced Spin Hall Effect of Light in Spheres with Dual Symmetry. <i>Laser and Photonics Reviews</i> , <b>2018</b> , 12, 1800130	8.3	13
105	Nonlocality-Broaden Optical Bistability in a Nonlinear Plasmonic Core-Shell Cylinder. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 8952-8960	3.8	6
104	Tunable Optical Bistability and Tristability in Nonlinear Graphene-Wrapped Nanospheres. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 11804-11810	3.8	25
103	Magnetic control of Goos-Hänchen shifts in a yttrium-iron-garnet film. <i>Scientific Reports</i> , <b>2017</b> , 7, 45866	4.9	24
102	The enhanced spin-polarized transport behaviors through cobalt benzene-porphyrin-benzene molecular junctions: the effect of functional groups. <i>Journal of Physics Condensed Matter</i> , <b>2017</b> , 29, 175201	1.8	3
101	Fano-enhanced pulling and pushing optical force on active plasmonic nanoparticles. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	26
100	Bistable near field and bistable transmittance in 2D composite slab consisting of nonlocal core-Kerr shell inclusions. <i>Optics Express</i> , <b>2017</b> , 25, 1062-1072	3.3	3
99	Large and tunable lateral shifts in one-dimensional PT-symmetric layered structures. <i>Optics Express</i> , <b>2017</b> , 25, 9676-9688	3.3	27
98	Enhancement of Optical Nonlinearity by Core-Shell Bimetallic Nanostructures. <i>Plasmonics</i> , <b>2016</b> , 11, 1832-1837	1.7	12
97	Tunable Fano resonances and enhanced optical bistability in composites of coated cylinders due to nonlocality. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	20
96	Low-threshold optical bistability of graphene-wrapped dielectric composite. <i>Scientific Reports</i> , <b>2016</b> , 6, 23354	4.9	26
95	Optical bistability in a nonlinear-shell-coated metallic nanoparticle. <i>Scientific Reports</i> , <b>2016</b> , 6, 21741	4.9	19
94	Radiation pressure of active dispersive chiral slabs. <i>Optics Express</i> , <b>2015</b> , 23, 16546-53	3.3	29
93	Topological effects in anisotropy-induced nano-fano resonance of a cylinder. <i>Optics Letters</i> , <b>2015</b> , 40, 4162-5	3	12
92	Core-Shell-Structured Dielectric-Metal Circular Nanodisk Antenna: Gap Plasmon Assisted Magnetic Toroid-like Cavity Modes. <i>ACS Photonics</i> , <b>2015</b> , 2, 60-65	6.3	32
91	Unveiling the correlation between non-diffracting tractor beam and its singularity in Poynting vector. <i>Laser and Photonics Reviews</i> , <b>2015</b> , 9, 75-82	8.3	40
90	Coexistence of Scattering Enhancement and Suppression by Plasmonic Cavity Modes in Loaded Dimer Gap-Antennas. <i>Scientific Reports</i> , <b>2015</b> , 5, 17234	4.9	3

89	Nonlocal surface plasmon amplification by stimulated emission of radiation. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	10
88	Nonlocal composite media in calculations of the Casimir force. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	6
87	Tunable spin-dependent splitting of light beam in a chiral metamaterial slab. <i>Journal of Optics (United Kingdom)</i> , <b>2014</b> , 16, 075103	1.7	8
86	Equivalent perfect magnetic conductor based on epsilon-near-zero media. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 211904	3.4	20
85	Tip-contact related low-bias negative differential resistance and rectifying effects in benzene-porphyrin-benzene molecular junctions. <i>Journal of Chemical Physics</i> , <b>2014</b> , 141, 174304	3.9	4
84	Photophoresis of spherical particles with interfacial thermal resistance in microfluidic flows. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2013</b> , 377, 2815-2820	2.3	9
83	Hiding objects and obtaining Fano resonances in index-near-zero and epsilon-near-zero metamaterials with Bragg-fiber-like defects. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 1878	1.7	12
82	Macroscopic broadband optical escalator with force-loaded transformation optics. <i>Optics Express</i> , <b>2013</b> , 21, 796-803	3.3	5
81	Casimir force between composite materials containing nonspherical particles. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	5
80	Electrically controllable unidirectional transmission in a heterostructure composed of a photonic crystal and a deformable liquid droplet. <i>Solid State Communications</i> , <b>2012</b> , 152, 577-580	1.6	5
79	Anomalous electromagnetic scattering from radially anisotropic nanowires. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	30
78	Realizing almost perfect bending waveguides with anisotropic epsilon-near-zero metamaterials. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 221903	3.4	96
77	Repulsive and attractive Casimir forces between magnetodielectric slabs. <i>Solid State Communications</i> , <b>2012</b> , 152, 1666-1669	1.6	3
76	Manipulate the Transmissions Using Index-Near-Zero or Epsilon-Near-Zero Metamaterials with Coated Defects. <i>Plasmonics</i> , <b>2012</b> , 7, 353-358	2.4	39
75	Directive emission based on one-dimensional metal heterostructures. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2012</b> , 29, 35	1.7	24
74	Goos-Hänchen shift of the reflected wave through an anisotropic metamaterial containing metal/dielectric nanocomposites. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2012</b> , 29, 1436-44	1.8	23
73	Influence of spherical anisotropy on the optical properties of plasmon resonant metallic nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , <b>2011</b> , 102, 673-679	2.6	15
72	Tunable beam splitting and negative refraction in heterostructure with metamaterial. <i>Applied Physics A: Materials Science and Processing</i> , <b>2011</b> , 104, 1137-1142	2.6	11

71	Cloak an illusion. <i>Frontiers of Physics</i> , <b>2011</b> , 6, 61-64	3.7	4
70	Independently tunable transmission-type magneto-optical isolators based on multilayers containing magnetic materials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2011</b> , 375, 2185-2188	2.3	15
69	Controllable switching behavior of optical Tamm state based on nematic liquid crystal. <i>Solid State Communications</i> , <b>2011</b> , 151, 993-995	1.6	6
68	Overlapped illusion optics: a perfect lens brings a brighter feature. <i>New Journal of Physics</i> , <b>2011</b> , 13, 023010	2.9	31
67	PLASMONIC RESONANT LIGHT SCATTERING BY A CYLINDER WITH RADIAL ANISOTROPY. <i>Progress in Electromagnetics Research</i> , <b>2010</b> , 106, 335-347	3.8	17
66	Goos-Hänchen shift of the reflection from nonlinear nanocomposites with electric field tunability. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 041903	3.4	22
65	Inverse design mechanism of cylindrical cloaks without knowledge of the required coordinate transformation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2010</b> , 27, 1079-82	1.8	15
64	Achieving Invisibility of Homogeneous Cylindrically Anisotropic Cylinders. <i>Plasmonics</i> , <b>2010</b> , 5, 251-258	2.4	37
63	GOOS-HÄNCHEN SHIFT AT THE SURFACE OF CHIRAL NEGATIVE REFRACTIVE MEDIA. <i>Progress in Electromagnetics Research</i> , <b>2009</b> , 90, 255-268	3.8	31
62	Effective negative refraction in anisotropic layered composites. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 013532	2.5	6
61	Study of a slab waveguide loaded with dispersive anisotropic metamaterials. <i>Applied Physics A: Materials Science and Processing</i> , <b>2009</b> , 95, 367-372	2.6	11
60	Goos-Hänchen shift in one-dimensional photonic crystals containing uniaxial indefinite medium. <i>Physica Status Solidi (B): Basic Research</i> , <b>2009</b> , 246, 1088-1093	1.3	17
59	Temperature-dependent Goos-Hänchen shift on the interface of metal/dielectric composites. <i>Optics Express</i> , <b>2009</b> , 17, 21433-41	3.3	57
58	Electromagnetic transparency by coated spheres with radial anisotropy. <i>Physical Review E</i> , <b>2008</b> , 78, 046609	2.4	59
57	Resonant light scattering by small coated nonmagnetic spheres: magnetic resonances, negative refraction, and prediction. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2008</b> , 25, 1728	1.7	36
56	Subwavelength imaging from a multilayered structure containing interleaved nonspherical metal-dielectric composites. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	24
55	Negative refraction in chiral composite materials. <i>Journal of Applied Physics</i> , <b>2008</b> , 104, 023537	2.5	6
54	Effective thermal and electrical conductivity of carbon nanotube composites. <i>Chemical Physics Letters</i> , <b>2007</b> , 434, 297-300	2.5	148

53	Omnidirectional surface guided modes from one-dimensional photonic crystal formed by single-negative materials. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 311, 609-613	2.8	2
52	Second- and third-harmonic generations for a nondilute suspension of coated particles with radial dielectric anisotropy. <i>European Physical Journal B</i> , <b>2007</b> , 55, 403-409	1.2	19
51	Surface polaritons and transmission in multi-layer structures containing anisotropic left-handed materials. <i>Applied Physics A: Materials Science and Processing</i> , <b>2007</b> , 87, 199-204	2.6	5
50	Mapping drought status of winter wheat from MODIS data in North China Plain <b>2007</b> , 6752, 791		
49	Superlens from metal-dielectric composites of nonspherical particles. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	28
48	Synthesis of magnetite octahedrons from iron powders through a mild hydrothermal method. <i>Materials Research Bulletin</i> , <b>2006</b> , 41, 2226-2231	5.1	52
47	Decreased group velocity in compositionally graded films. <i>Physical Review E</i> , <b>2006</b> , 73, 036602	2.4	7
46	Tunable negative refraction and subwavelength imaging in the metal-dielectric composites of nonspherical particles <b>2006</b> ,		1
45	Effective thermal conductivity in nanofluids of nonspherical particles with interfacial thermal resistance: Differential effective medium theory. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 024913	2.5	52
44	Differential effective medium theory for thermal conductivity in nanofluids. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 348, 355-360	2.3	61
43	Effectively negatively refractive material made of negative-permittivity and negative-permeability bilayer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 351, 391-397	2.3	8
42	Subluminal and superluminal pulse propagation in inhomogeneous media of nonspherical particles. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 355, 413-417	2.3	0
41	Nonlinear dielectric response in partially resonant composites with radial dielectric anisotropy. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 359, 516-522	2.3	10
40	Optical bistability of a nondilute suspension of nonlinear coated particles. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 368, 279-286	2.8	6
39	Optical bistability in nonlinear mixtures of coated inclusions with radial dielectric anisotropy. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 335, 457-463	2.3	12
38	Optical bistability of nonlinear multilayered structure containing left-handed materials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 337, 473-479	2.3	11
37	Optical nonlinearity enhancement of compositionally graded films. <i>European Physical Journal B</i> , <b>2005</b> , 44, 481-486	1.2	2
36	Second and third harmonic generations in random composites of spheroidal particles. <i>Physica Status Solidi (B): Basic Research</i> , <b>2005</b> , 242, 1307-1314	1.3	

35	Enhanced group velocity in composite media of particles with non-spherical shape or shape distribution. <i>Journal of Physics A</i> , <b>2005</b> , 38, 7765-7771		3
34	Second- and third-harmonic generation in random composites of graded spherical particles. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	11
33	Second- and third-harmonic generations in compositionally graded films. <i>Physical Review E</i> , <b>2005</b> , 71, 067601	2.4	11
32	Theory of nondegenerate nonlinear optical susceptibilities of graded composites with high-volume fractions. <i>Physical Review E</i> , <b>2005</b> , 71, 017601	2.4	
31	Surface polaritons and imaging properties of a multi-layer structure containing negative-refractive-index materials. <i>Journal of Physics Condensed Matter</i> , <b>2004</b> , 16, 4743-4751	1.8	16
30	Effective medium approximation for optical bistability in nonlinear metal-dielectric composites. <i>Solid State Communications</i> , <b>2004</b> , 129, 593-598	1.6	13
29	Spectral representation theory for higher order nonlinear responses in random composites with arbitrary nonlinearity. <i>Physica Status Solidi (B): Basic Research</i> , <b>2004</b> , 241, 1115-1123	1.3	2
28	Extinction properties of a coated sphere containing a left-handed material. <i>Optics Communications</i> , <b>2004</b> , 239, 25-31	2	9
27	Effective nonlinear response of random resistor networks with anomalous distributions of conductances. <i>Solid State Communications</i> , <b>2004</b> , 132, 821-826	1.6	1
26	Spectral representation theory for higher-order nonlinear response in random composites. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 322, 250-259	2.3	5
25	Near-field imaging by a multi-layer structure consisting of alternate right-handed and left-handed materials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 322, 390-395	2.3	9
24	Left-handed material containing spherical and nonspherical metallic and magnetic particles. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 328, 225-231	2.3	6
23	Numerical study of effective optical nonlinear properties in composites with anomalous distribution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 332, 147-152	2.3	
22	Effective nonlinear optical properties of shape distributed composite media. <i>European Physical Journal B</i> , <b>2003</b> , 33, 165-171	1.2	5
21	Optical bistability in composite media with nonlinear coated inclusions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 318, 119-125	2.3	18
20	Negative refractive index in composite medium with metallic magnetic inclusions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 318, 592-599	2.3	8
19	Effective medium approximation for weakly nonlinear metal/dielectric composites with shape distribution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 309, 407-414	2.3	7
18	Maxwell-Garnett type approximation for nonlinear composites with shape distribution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 309, 435-442	2.3	5



17	Effective nonlinear response in random mixture of coated granular cylinders. <i>Physica Status Solidi (B): Basic Research</i> , <b>2003</b> , 236, 182-190	1.3	4
16	Effective medium approximation for strongly nonlinear composite media with shape distribution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 306, 337-343	2.3	7
15	Optical bistability and tristability in nonlinear metal/dielectric composite media of nonspherical particles. <i>Physical Review E</i> , <b>2003</b> , 68, 066601	2.4	37
14	Effective medium approximation for two-component nonlinear composites with shape distribution. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, 4397-4409	1.8	32
13	Theory of ac electrokinetic behavior of spheroidal cell suspensions with an intrinsic dispersion. <i>Physical Review E</i> , <b>2003</b> , 67, 021910	2.4	18
12	Third-order nonlinear optical response of metal dielectric composites. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 1620-1625	2.5	36
11	Crossover exponents in a superconductor-nonlinear-normal-conductor network below the percolation threshold. <i>Journal of Physics Condensed Matter</i> , <b>1999</b> , 11, 8727-8738	1.8	1
10	Comment on "Crossover exponents in percolating superconductor-nonlinear-conductor mixtures". <i>Physical Review B</i> , <b>1999</b> , 59, 668-670	3.3	5
9	Crossover exponents in percolating nonlinear normal conductor-insulator mixtures. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1999</b> , 271, 238-250	3.3	2
8	Temperature dependence of nonlinear optical response in metal/dielectrics composite media. <i>Solid State Communications</i> , <b>1998</b> , 107, 751-755	1.6	3
7	Effective nonlinear response in mixed-nonlinear inhomogeneous conductors composite. <i>Physica B: Condensed Matter</i> , <b>1998</b> , 245, 103-109	2.8	
6	Critical properties of nonlinear susceptibilities for weakly nonlinear composites. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 9273-9280	1.8	1
5	Effective nonlinear susceptibilities of random mixture of coated granular cylinders. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 240, 378-384	2.8	2
4	Effective nonlinear conductivity of strongly nonlinear composites with H-S microgeometry. <i>Solid State Communications</i> , <b>1997</b> , 102, 29-33	1.6	2
3	Nonlinear thermal conductivity of granular composite medium. <i>Solid State Communications</i> , <b>1996</b> , 100, 53-56	1.6	6
2	Self-consistent formalism for a strongly nonlinear composite: comparison with variational approach. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1996</b> , 219, 324-328	2.3	16
1	Effective response of a strongly nonlinear composite: comparison with variational approach. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1996</b> , 222, 207-211	2.3	7