

Pavel A Belov

List of Publications by Citations

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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.

169
papers

4,288
citations

38
h-index

62
g-index

227
ext. papers

5,488
ext. citations

4.3
avg, IF

5.74
L-index

#	Paper	IF	Citations
169	Metasurfaces: From microwaves to visible. <i>Physics Reports</i> , 2016 , 634, 1-72	27.7	627
168	Combination of measurements of inclusive deep inelastic ($\{e^{\{pm\}}p\}$) scattering cross sections and QCD analysis of HERA data. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	249
167	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	114
166	HERAFitter. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	109
165	Results from the Supernova Photometric Classification Challenge. <i>Publications of the Astronomical Society of the Pacific</i> , 2010 , 122, 1415-1431	5	106
164	Resonant Raman scattering from silicon nanoparticles enhanced by magnetic response. <i>Nanoscale</i> , 2016 , 8, 9721-6	7.7	101
163	Enhancement of Magnetic Resonance Imaging with Metasurfaces. <i>Advanced Materials</i> , 2016 , 28, 1832-8	24	96
162	Elastic and proton-dissociative photoproduction of J/ψ mesons at HERA. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	92
161	Plasmonic and silicon spherical nanoparticle antireflective coatings. <i>Scientific Reports</i> , 2016 , 6, 22136	4.9	91
160	Phase diagram for the transition from photonic crystals to dielectric metamaterials. <i>Nature Communications</i> , 2015 , 6, 10102	17.4	84
159	Resonant Nonplasmonic Nanoparticles for Efficient Temperature-Feedback Optical Heating. <i>Nano Letters</i> , 2017 , 17, 2945-2952	11.5	83
158	Fabrication of Hybrid Nanostructures via Nanoscale Laser-Induced Reshaping for Advanced Light Manipulation. <i>Advanced Materials</i> , 2016 , 28, 3087-93	24	81
157	Wireless power transfer inspired by the modern trends in electromagnetics. <i>Applied Physics Reviews</i> , 2017 , 4, 021102	17.3	80
156	Transverse Scattering and Generalized Kerker Effects in All-Dielectric Mie-Resonant Metaoptics. <i>Physical Review Letters</i> , 2019 , 122, 193905	7.4	79
155	Far-field probing of leaky topological states in all-dielectric metasurfaces. <i>Nature Communications</i> , 2018 , 9, 909	17.4	79
154	Laser fabrication of crystalline silicon nanoresonators from an amorphous film for low-loss all-dielectric nanophotonics. <i>Nanoscale</i> , 2016 , 8, 5043-8	7.7	78
153	Enhancement of terahertz photoconductive antenna operation by optical nanoantennas. <i>Laser and Photonics Reviews</i> , 2017 , 11, 1600199	8.3	73

152	Broadband and Thin Linear-to-Circular Polarizers Based on Self-Complementary Zigzag Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4124-4133	4.9	67
151	Solar photovoltaics: current state and trends. <i>Physics-Uspexhi</i> , 2016 , 59, 727-772	2.8	57
150	Nonlinear Transient Dynamics of Photoexcited Resonant Silicon Nanostructures. <i>ACS Photonics</i> , 2016 , 3, 1546-1551	6.3	55
149	Controllable femtosecond laser-induced dewetting for plasmonic applications. <i>Laser and Photonics Reviews</i> , 2016 , 10, 91-99	8.3	55
148	Measurement of inclusive (σ_{ep}) cross sections at high (Q^2) at ($\sqrt{s}=225$) and 252 GeV and of the longitudinal proton structure function (F_L) at HERA. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	54
147	Purcell effect in hyperbolic metamaterial resonators. <i>Physical Review B</i> , 2015 , 92,	3.3	54
146	Self-complementary metasurfaces for linear-to-circular polarization conversion. <i>Physical Review B</i> , 2015 , 92,	3.3	52
145	Flexible and compact hybrid metasurfaces for enhanced ultra high field in vivo magnetic resonance imaging. <i>Scientific Reports</i> , 2017 , 7, 1678	4.9	51
144	Experimental demonstration of water based tunable metasurface. <i>Applied Physics Letters</i> , 2016 , 109, 011901	3.4	49
143	Reflection compensation mediated by electric and magnetic resonances of all-dielectric metasurfaces [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017 , 34, D18	1.7	48
142	Demonstration of the enhanced Purcell factor in all-dielectric structures. <i>Applied Physics Letters</i> , 2016 , 108, 211105	3.4	47
141	Boosting Terahertz Photoconductive Antenna Performance with Optimised Plasmonic Nanostructures. <i>Scientific Reports</i> , 2018 , 8, 6624	4.9	46
140	Self-adjusted all-dielectric metasurfaces for deep ultraviolet femtosecond pulse generation. <i>Nanoscale</i> , 2016 , 8, 17809-17814	7.7	46
139	High-Q All-Dielectric Metasurface: Super and Suppressed Optical Absorption. <i>ACS Photonics</i> , 2020 , 7, 1436-1443	6.3	44
138	Tuning of near- and far-field properties of all-dielectric dimer nanoantennas via ultrafast electron-hole plasma photoexcitation. <i>Laser and Photonics Reviews</i> , 2016 , 10, 1009-1015	8.3	44
137	Inclusive deep inelastic scattering at high Q^2 with longitudinally polarised lepton beams at HERA. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	42
136	Wireless power transfer based on magnetic quadrupole coupling in dielectric resonators. <i>Applied Physics Letters</i> , 2016 , 108, 023902	3.4	42
135	van der Waals Metal-Organic Framework as an Excitonic Material for Advanced Photonics. <i>Advanced Materials</i> , 2017 , 29, 1606034	24	40

134	Midinfrared Surface Waves on a High Aspect Ratio Nanotrench Platform. <i>ACS Photonics</i> , 2017 , 4, 2899-2907	3.0	39
133	Hyperbolic metamaterial antenna for second-harmonic generation tomography. <i>Optics Express</i> , 2015 , 23, 30730-8	3.3	39
132	Nanoscale Generation of White Light for Ultrabroadband Nanospectroscopy. <i>Nano Letters</i> , 2018 , 18, 535-539	11.5	39
131	Radiative decay rate of excitons in square quantum wells: Microscopic modeling and experiment. <i>Journal of Applied Physics</i> , 2016 , 119, 184301	2.5	37
130	Metal-Dielectric Nanocavity for Real-Time Tracing Molecular Events with Temperature Feedback. <i>Laser and Photonics Reviews</i> , 2018 , 12, 1700227	8.3	36
129	Giant field enhancement in high-index dielectric subwavelength particles. <i>Scientific Reports</i> , 2017 , 7, 731	4.9	35
128	Experimental realisation of all-dielectric bianisotropic metasurfaces. <i>Applied Physics Letters</i> , 2016 , 108, 221903	3.4	34
127	Generation of unipolar optical pulses in a Raman-active medium. <i>Laser Physics Letters</i> , 2016 , 13, 046001	1.5	34
126	Enhancement of artificial magnetism via resonant bianisotropy. <i>Scientific Reports</i> , 2016 , 6, 22546	4.9	33
125	Wireless power transfer based on dielectric resonators with colossal permittivity. <i>Applied Physics Letters</i> , 2016 , 109, 223902	3.4	32
124	All-dielectric nanoantennas for unidirectional excitation of electromagnetic guided modes. <i>Applied Physics Letters</i> , 2015 , 107, 171101	3.4	31
123	Near-field imaging of spin-locked edge states in all-dielectric topological metasurfaces. <i>Applied Physics Letters</i> , 2019 , 114, 031103	3.4	29
122	Locally Enhanced Image Quality with Tunable Hybrid Metasurfaces. <i>Physical Review Applied</i> , 2018 , 9,	4.3	27
121	Fine-Tuning of the Magnetic Fano Resonance in Hybrid Oligomers via fs-Laser-Induced Reshaping. <i>ACS Photonics</i> , 2017 , 4, 536-543	6.3	25
120	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	25
119	Inclusive measurement of diffractive deep-inelastic scattering at HERA. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
118	Hybrid nanophotonics. <i>Physics-Uspekhi</i> , 2018 , 61, 1035-1050	2.8	24
117	Smart Table Based on a Metasurface for Wireless Power Transfer. <i>Physical Review Applied</i> , 2019 , 11,	4.3	23

116	Measurement of multijet production in (e^+p) collisions at high ($\sqrt{Q^2}$) and determination of the strong coupling (α_s). <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	23
115	Volumetric wireless coil based on periodically coupled split-loop resonators for clinical wrist imaging. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 1726-1737	4.4	22
114	QCD analysis of W- and Z-boson production at Tevatron. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	21
113	Experimental investigation of a metasurface resonator for in vivo imaging at 1.5 T. <i>Journal of Magnetic Resonance</i> , 2018 , 286, 78-81	3	20
112	Enhancement of the Purcell factor in multiperiodic hyperboliclike metamaterials. <i>Physical Review A</i> , 2016 , 93,	2.6	19
111	A Novel Metamaterial-Inspired RF-coil for Preclinical Dual-Nuclei MRI. <i>Scientific Reports</i> , 2018 , 8, 9190	4.9	18
110	Measurement of dijet production in diffractive deep-inelastic scattering with a leading proton at HERA. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	18
109	Broadband 3-D Luneburg Lenses Based on Metamaterials of Radially Diverging Dielectric Rods. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1520-1523	3.8	17
108	Mushroom High-Impedance Metasurfaces for Perfect Absorption at Two Angles of Incidence. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2626-2629	3.8	16
107	Ceramic resonators for targeted clinical magnetic resonance imaging of the breast. <i>Nature Communications</i> , 2020 , 11, 3840	17.4	15
106	Controlling electromagnetic scattering with wire metamaterial resonators. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2016 , 33, 1910-1916	1.8	14
105	Nonlocal homogenization for nonlinear metamaterials. <i>Physical Review B</i> , 2016 , 93,	3.3	14
104	Systematic Analysis of the Improvements in Magnetic Resonance Microscopy with Ferroelectric Composite Ceramics. <i>Advanced Materials</i> , 2019 , 31, e1900912	24	13
103	Energy spectrum of excitons in square quantum wells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2019 , 112, 96-108	3	12
102	High-quality laser cavity based on all-dielectric metasurfaces. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2017 , 24, 18-23	2.6	11
101	Superabsorption of light by nanoparticles. <i>Nanoscale</i> , 2015 , 7, 18897-901	7.7	11
100	Topological transition in coated wire medium. <i>Physica Status Solidi - Rapid Research Letters</i> , 2016 , 10, 900-904	2.5	11
99	Measurement of Feynman-(x) spectra of photons and neutrons in the very forward direction in deep-inelastic scattering at HERA. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	11

98	Switchable invisibility of dielectric resonators. <i>Physical Review B</i> , 2017 , 95,	3.3	11
97	Diffractive dijet production with a leading proton in ep collisions at HERA. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	10
96	Dielectric super-absorbing metasurfaces via PT symmetry breaking. <i>Optica</i> , 2021 , 8, 1290	8.6	10
95	Giant spatial-dispersion-induced birefringence in metamaterials. <i>Physical Review B</i> , 2016 , 93,	3.3	8
94	Measurement of inclusive and dijet D * meson cross sections in photoproduction at HERA. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	8
93	Parton distribution functions at LO, NLO and NNLO with correlated uncertainties between orders. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	8
92	Measurement of beauty photoproduction near threshold using di-electron events with the H1 detector at HERA. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	8
91	Determination of the integrated luminosity at HERA using elastic QED Compton events. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	8
90	Seeing the Unseen: Experimental Observation of Magnetic Anapole State Inside a High-Index Dielectric Particle. <i>Annalen Der Physik</i> , 2020 , 532, 2000293	2.6	8
89	A fluid-guided printing strategy for patterning high refractive index photonic microarrays. <i>Science Bulletin</i> , 2021 , 66, 250-256	10.6	8
88	Wire-Medium Hyperlens for Enhancing Radiation From Subwavelength Dipole Sources. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 4848-4856	4.9	7
87	Metasurface for Near-Field Wireless Power Transfer With Reduced Electric Field Leakage. <i>IEEE Access</i> , 2020 , 8, 40224-40231	3.5	7
86	Measurement of the azimuthal correlation between the most forward jet and the scattered positron in deep-inelastic scattering at HERA. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	7
85	Measurement of charged particle spectra in deep-inelastic ep scattering at HERA. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	7
84	Multi-mode metamaterial-inspired resonator for near-field wireless power transfer. <i>Applied Physics Letters</i> , 2020 , 117, 083501	3.4	7
83	Self-complementary metasurfaces for designing terahertz deflecting circular-polarization beam splitters. <i>Applied Physics Letters</i> , 2021 , 118, 131601	3.4	7
82	. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6317-6329	4.9	7
81	Calculation of Energy States of Excitons in Square Quantum Wells. <i>Semiconductors</i> , 2018 , 52, 551-553	0.7	6

80	Asymptotic method for determining the amplitude for three-particle breakup: Neutron-deuteron scattering. <i>Physics of Atomic Nuclei</i> , 2013 , 76, 126-138	0.4	6
79	Anomalous polarization conversion in arrays of ultrathin ferromagnetic nanowires. <i>Physical Review B</i> , 2015 , 92,	3.3	6
78	Toroidal Dipole Mode Observation In Situ. <i>Physica Status Solidi (B): Basic Research</i> , 2020 , 257, 1900406	1.3	6
77	Imaging of two samples with a single transmit/receive channel using coupled ceramic resonators for MR microscopy at 17.2 T. <i>NMR in Biomedicine</i> , 2020 , 33, e4397	4.4	6
76	Acceleration of radiative recombination in quasi-2D perovskite films on hyperbolic metamaterials. <i>Applied Physics Letters</i> , 2021 , 118, 091104	3.4	6
75	The binding energy of excitons in narrow quantum wells. <i>Journal of Physics: Conference Series</i> , 2017 , 816, 012018	0.3	5
74	Approach for fine-tuning of hybrid dimer antennas via laser melting at the nanoscale. <i>Annalen Der Physik</i> , 2017 , 529, 1600272	2.6	5
73	A parametric study of radiative dipole body array coil for 7 Tesla MRI. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2020 , 39, 100764	2.6	5
72	Binary scattering and breakup in the three-nucleon system. <i>Physics of Atomic Nuclei</i> , 2014 , 77, 344-350	0.4	5
71	Determination of the conformal-field-theory central charge by the Wang-Landau algorithm. <i>Physical Review E</i> , 2017 , 95, 063308	2.4	4
70	Experimental Observation of Intrinsic Light Localization in Photonic Icosahedral Quasicrystals. <i>Advanced Optical Materials</i> , 2020 , 8, 2001170	8.1	4
69	Laser printing of Au/Si core-shell nanoparticles. <i>Journal of Physics: Conference Series</i> , 2016 , 741, 012119	0.3	4
68	Controlling the Radiation Parameters of a Resonant Medium Excited by a Sequence of Ultrashort Superluminal Pulses. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016 , 120, 423-433	0.7	4
67	Classification of Energy States of the Exciton in Square Quantum Well. <i>Semiconductors</i> , 2018 , 52, 1791-1794	0.7	4
66	Flat photonics for broadband light-trapping. <i>Applied Physics Letters</i> , 2020 , 117, 241105	3.4	3
65	Nonlinear symmetry breaking in photometamaterials. <i>Physical Review B</i> , 2018 , 97,	3.3	3
64	Microwave platform as a valuable tool for characterization of nanophotonic devices. <i>Scientific Reports</i> , 2016 , 6, 35516	4.9	3
63	Asymptotics of the binary amplitude for a model Faddeev equation. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016 , 80, 237-241	0.4	3

62	Single-stage fabrication of low-loss dielectric nanoresonators from high-loss material. <i>Journal of Physics: Conference Series</i> , 2016 , 690, 012020	0.3	3
61	The arrowhead decomposition method for a block-tridiagonal system of linear equations. <i>Journal of Physics: Conference Series</i> , 2017 , 929, 012035	0.3	3
60	Exciton-polariton interference controlled by electric field. <i>Physical Review Research</i> , 2020 , 2,	3.9	3
59	Modeling of formation mechanism and optical properties of Si/Au core-shell nanoparticles 2016 ,		3
58	All-dielectric metamirror for independent and asymmetric wave-front control. <i>Physical Review B</i> , 2019 , 100,	3.3	3
57	Numerical modeling of indirect excitons in double quantum wells in an external electric field. <i>Journal of Physics: Conference Series</i> , 2019 , 1199, 012018	0.3	2
56	High permittivity dielectric resonators for wireless power transfer system 2016 ,		2
55	Dark-field imaging as a noninvasive method for characterization of whispering gallery modes in microdisk cavities. <i>Optics Letters</i> , 2016 , 41, 749-52	3	2
54	The neutron-deuteron scattering problem in the framework of the Faddeev formalism. <i>Physics of Particles and Nuclei</i> , 2017 , 48, 882-884	0.7	2
53	Enhancement of magnetic resonance imaging with metasurfaces: From concept to human trials 2017 ,		2
52	In vivo magnetic resonance imaging of human knee with metasurface 2017 ,		2
51	Metamaterials for wireless power transfer 2015 ,		2
50	Optical cloaking with ENZ-metamaterials 2015 ,		2
49	Application of High-Q dielectric resonators for wireless power transfer system 2015 ,		2
48	Applying Faddeev equations to the n-d scattering problem. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2012 , 76, 913-917	0.4	2
47	Potential Splitting Approach to Positron Scattering Off the Hydrogen Atom and the Positive Helium Ion. <i>Few-Body Systems</i> , 2017 , 58, 1	1.6	2
46	Obstruction tolerant metasurface-based wireless power transfer system for multiple receivers. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2020 , 41, 100835	2.6	2
45	Theoretical modeling of exciton-light coupling in quantum wells. <i>Journal of Physics: Conference Series</i> , 2016 , 690, 012018	0.3	2

44	Optical tuning of near and far fields from hybrid dimer nanoantennas via laser-induced melting. <i>Journal of Physics: Conference Series</i> , 2016 , 741, 012152	0.3	2
43	Mode hopping in arrays of resonant thin wires over a dielectric interface. <i>Physical Review B</i> , 2018 , 98,	3.3	2
42	Finite size scaling in the dimer and six-vertex model. <i>Journal of Physics: Conference Series</i> , 2018 , 1135, 012024	0.3	2
41	Functional metasurfaces based on water. <i>Journal of Physics: Conference Series</i> , 2018 , 1092, 012103	0.3	2
40	Magnetic Resonance Spectroscopy at 1.5 T with a Hybrid Metasurface. <i>JETP Letters</i> , 2018 , 108, 423-427	1.2	2
39	Colossal permittivity resonators for wireless power transfer systems 2017 ,		1
38	Multipolar modes in dielectric disk resonator for wireless power transfer 2017 ,		1
37	Direct Femtosecond Laser Writing of Optical Nanoresonators. <i>Journal of Physics: Conference Series</i> , 2016 , 690, 012021	0.3	1
36	Metasurfaces provide a new way for building magnetic resonance imaging scanners 2016 ,		1
35	Tunable hybrid metasurfaces for MRI applications 2017 ,		1
34	Optimization of Nanoantenna-Enhanced Terahertz Emission from Photoconductive Antennas. <i>Journal of Physics: Conference Series</i> , 2017 , 917, 062060	0.3	1
33	Dielectric resonators for mid-range wireless power transfer application 2017 ,		1
32	The Three-Body Coordinate Asymptotics with Explicitly Orthogonalized Channels. <i>Few-Body Systems</i> , 2017 , 58, 1	1.6	1
31	All-dielectric bianisotropic and multimode unidirectional microwave metasurfaces 2017 ,		1
30	A metasolenoid-like resonator for MRI applications 2017 ,		1
29	Numerical study of magnetic wireless power transfer system based on magnetic modes of dielectric disk resonator 2017 ,		1
28	Wireless power transfer through multipole coupling in dielectric resonators 2017 ,		1
27	Self-complementary zig-zag metasurfaces for designing circular polarizing beam splitters 2015 ,		1

26	Spatial dispersion in metamaterials based on three-dimensional arrays of spheres and disks 2015 ,		1
25	Antireflective properties of periodic nanopore arrays 2015 ,		1
24	Emulation of complex optical phenomena with radio waves: Tailoring scattering characteristics with wire metamaterial 2015 ,		1
23	An Estimate for the Nonradiative Linewidths of the Quasibound Electron-Hole Pairs in Narrow Quantum Wells. <i>Semiconductors</i> , 2019 , 53, 2049-2051	0.7	1
22	Attraction Optical Forces inside Hyperbolic Metamaterials 2016 ,		1
21	The role of Purcell effect for third harmonic generation. <i>Journal of Physics: Conference Series</i> , 2016 , 690, 012034	0.3	1
20	Manipulating Fano resonance via fs-laser melting of hybrid oligomers at nanoscale. <i>Journal of Physics: Conference Series</i> , 2016 , 741, 012140	0.3	1
19	Wireless power transfer system based on high-index dielectric resonators 2016 ,		1
18	Experimental investigation of wireless power transfer systems based on dielectric resonators 2016 ,		1
17	Transition from photonic crystals to dielectric metamaterials: A phase diagram and the order parameter 2016 ,		1
16	Metasurface for Wireless Power Transfer to Multiple Receivers 2019 ,		1
15	Self-complementary tessellations as universal design approach for LP-to-CP transforming frequency selective surfaces 2018 ,		1
14	Experimental observation of spin-locked propagation of topological edge states in an open non-Hermitian metasurface. <i>Journal of Physics: Conference Series</i> , 2018 , 1092, 012176	0.3	1
13	Visualization of Metasurface Eigenmodes with Magnetic Resonance Imaging. <i>Physical Review Applied</i> , 2021 , 16,	4.3	1
12	Longitudinal electromagnetic waves with extremely short wavelength. <i>Physical Review B</i> , 2021 , 104,	3.3	1
11	Reply to Comment on Plasmons in Waveguide Structures Formed by Two Graphene Layers <i>JETP Letters</i> , 2019 , 109, 770-770	1.2	0
10	Numerical determination of the CFT central charge in the site-diluted Ising model. <i>Journal of Physics: Conference Series</i> , 2017 , 929, 012037	0.3	0
9	Energy Levels of Excitons in Square Quantum Wells. <i>Springer Proceedings in Physics</i> , 2020 , 29-33	0.2	0

8	The two-point correlation function in the six-vertex model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022 , 55, 155001	2	0
7	Non-Huygens invisible metasurfaces. <i>Journal of Physics: Conference Series</i> , 2020 , 1461, 012156	0.3	
6	Optical diffraction by two-dimensional photonic structures with hexagonal symmetry. <i>Physics of the Solid State</i> , 2016 , 58, 1412-1419	0.8	
5	The limit shape of the height function in the six-vertex model with domain-wall boundary conditions. <i>Journal of Physics: Conference Series</i> , 2020 , 1697, 012086	0.3	
4	Optically active energy states of the exciton in quantum wells of various widths. <i>Journal of Physics: Conference Series</i> , 2020 , 1482, 012018	0.3	
3	Increase in the radiative decay rate of the indirect exciton due to application of the magnetic field. <i>Journal of Physics: Conference Series</i> , 2021 , 1851, 012011	0.3	
2	Laser-Induced Periodical Structures Fabrication for Third Harmonic Generation. <i>Journal of Physics: Conference Series</i> , 2016 , 741, 012112	0.3	
1	Semiconductor resonant all-optical temperature sensor and thermal release trigger of encapsulated anti-cancer drugs for in vitro studies. <i>Journal of Physics: Conference Series</i> , 2019 , 1410, 012077	0.3	