

# Boris Nikolayevich Khlebtsov

## List of Publications by Year in descending order

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144  
papers

4,833  
citations

76294

40  
h-index

102432

66  
g-index

145  
all docs

145  
docs citations

145  
times ranked

6560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical amplification of photothermal therapy with gold nanoparticles and nanoclusters. <i>Nanotechnology</i> , 2006, 17, 5167-5179.	1.3	368
2	Laser-induced tissue hyperthermia mediated by gold nanoparticles: toward cancer phototherapy. <i>Journal of Biomedical Optics</i> , 2009, 14, 021016.	1.4	181
3	Multipole Plasmons in Metal Nanorods: Scaling Properties and Dependence on Particle Size, Shape, Orientation, and Dielectric Environment. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11516-11527.	1.5	173
4	Analytical and Theranostic Applications of Gold Nanoparticles and Multifunctional Nanocomposites. <i>Theranostics</i> , 2013, 3, 167-180.	4.6	166
5	Gold Nanoisland Films as Reproducible SERS Substrates for Highly Sensitive Detection of Fungicides. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 6518-6529.	4.0	158
6	Circulation and distribution of gold nanoparticles and induced alterations of tissue morphology at intravenous particle delivery. <i>Journal of Biophotonics</i> , 2009, 2, 292-302.	1.1	144
7	Nanocomposites Containing Silica-Coated Gold-Silver Nanocages and Yb <sup>2+</sup> -2,4-Dimethoxyhematoporphyrin: Multifunctional Capability of IR-Luminescence Detection, Photosensitization, and Photothermolysis. <i>ACS Nano</i> , 2011, 5, 7077-7089.	7.3	143
8	Gold nanorods with a hematoporphyrin-loaded silica shell for dual-modality photodynamic and photothermal treatment of tumors in vivo. <i>Nano Research</i> , 2014, 7, 325-337.	5.8	136
9	Determination of the Size, Concentration, and Refractive Index of Silica Nanoparticles from Turbidity Spectra. <i>Langmuir</i> , 2008, 24, 8964-8970.	1.6	119
10	Towards Effective Photothermal/Photodynamic Treatment Using Plasmonic Gold Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1295.	1.8	113
11	SERS-based lateral flow immunoassay of troponin I by using gap-enhanced Raman tags. <i>Nano Research</i> , 2019, 12, 413-420.	5.8	105
12	Absorption and scattering of light by a dimer of metal nanospheres: comparison of dipole and multipole approaches. <i>Nanotechnology</i> , 2006, 17, 1437-1445.	1.3	99
13	Quantifying the Numbers of Gold Nanoparticles in the Test Zone of Lateral Flow Immunoassay Strips. <i>ACS Applied Nano Materials</i> , 2019, 2, 5020-5028.	2.4	98
14	Impact of albumin based approaches in nanomedicine: Imaging, targeting and drug delivery. <i>Advances in Colloid and Interface Science</i> , 2017, 246, 13-39.	7.0	97
15	Overgrowth of Gold Nanorods by Using a Binary Surfactant Mixture. <i>Langmuir</i> , 2014, 30, 1696-1703.	1.6	93
16	Surface-enhanced Raman scattering inside Au@Ag core/shell nanorods. <i>Nano Research</i> , 2016, 9, 2303-2318.	5.8	85
17	Gap-enhanced Raman tags: fabrication, optical properties, and theranostic applications. <i>Theranostics</i> , 2020, 10, 2067-2094.	4.6	85
18	Plasmonic Heating Plays a Dominant Role in the Plasmon-Induced Photocatalytic Reduction of 4-Nitrobenzenethiol. <i>Journal of Physical Chemistry C</i> , 2018, 122, 5657-5663.	1.5	84

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19	Preparation and optical scattering characterization of gold nanorods and their application to a dot-immunogold assay. <i>Applied Optics</i> , 2005, 44, 6285.	2.1	82
20	Coupled plasmon resonances in monolayers of metal nanoparticles and nanoshells. <i>Physical Review B</i> , 2008, 77, .	1.1	74
21	Contrasting properties of gold nanoshells and titanium dioxide nanoparticles for optical coherence tomography imaging of skin: Monte Carlo simulations and in vivo study. <i>Journal of Biomedical Optics</i> , 2009, 14, 021017.	1.4	69
22	Near-infrared laser photothermal therapy of cancer by using gold nanoparticles: Computer simulations and experiment. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2007, 22, 199-206.	0.4	67
23	Rational Design of Ultrabright SERS Probes with Embedded Reporters for Bioimaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 30387-30397.	4.0	63
24	Gold nanoshell photomodification under a single-nanosecond laser pulse accompanied by color-shifting and bubble formation phenomena. <i>Nanotechnology</i> , 2008, 19, 015701.	1.3	62
25	Observation of Extra-High Depolarized Light Scattering Spectra from Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12760-12768.	1.5	60
26	A New T-Matrix Solvable Model for Nanorods: TEM-Based Ensemble Simulations Supported by Experiments. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6317-6323.	1.5	59
27	High-efficiency freezing-induced loading of inorganic nanoparticles and proteins into micron- and submicron-sized porous particles. <i>Scientific Reports</i> , 2018, 8, 17763.	1.6	58
28	Au@Ag core/shell cuboids and dumbbells: Optical properties and SERS response. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 167, 64-75.	1.1	57
29	Gold nanoparticles as an adjuvant: Influence of size, shape, and technique of combination with CpG on antibody production. <i>International Immunopharmacology</i> , 2018, 54, 163-168.	1.7	57
30	Can the Light Scattering Depolarization Ratio of Small Particles Be Greater Than 1/3?. <i>Journal of Physical Chemistry B</i> , 2005, 109, 13578-13584.	1.2	56
31	Surface-Enhanced Raman Scattering Substrates Based on Self-Assembled PEGylated Gold and Gold@Silver Core@Shell Nanorods. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23162-23171.	1.5	56
32	Pilot study of transcranial photobiomodulation of lymphatic clearance of beta-amyloid from the mouse brain: breakthrough strategies for non-pharmacologic therapy of Alzheimer's disease. <i>Biomedical Optics Express</i> , 2019, 10, 4003.	1.5	56
33	Biosensing potential of silica/gold nanoshells: Sensitivity of plasmon resonance to the local dielectric environment. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2007, 106, 154-169.	1.1	51
34	Enhanced photoinactivation of <i>Staphylococcus aureus</i> with nanocomposites containing plasmonic particles and hematoporphyrin. <i>Journal of Biophotonics</i> , 2013, 6, 338-351.	1.1	51
35	Surface-Enhanced Raman Scattering-Based Lateral-Flow Immunoassay. <i>Nanomaterials</i> , 2020, 10, 2228.	1.9	46
36	A protein assay based on colloidal gold conjugates with trypsin. <i>Analytical Biochemistry</i> , 2005, 341, 16-21.	1.1	45

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37	Plasmonic Nanopowders for Photothermal Therapy of Tumors. <i>Langmuir</i> , 2012, 28, 8994-9002.	1.6	45
38	Multiplexed dot immunoassay using Ag nanocubes, Au/Ag alloy nanoparticles, and Au/Ag nanocages. <i>Nano Research</i> , 2012, 5, 124-134.	5.8	42
39	SERS substrates formed by gold nanorods deposited on colloidal silica films. <i>Nanoscale Research Letters</i> , 2013, 8, 250.	3.1	42
40	Improved size-tunable synthesis and SERS properties of Au nanostars. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	42
41	Photodynamic opening of the blood-brain barrier and pathways of brain clearing. <i>Journal of Biophotonics</i> , 2018, 11, e201700287.	1.1	42
42	Multifunctional Au nanoclusters for targeted bioimaging and enhanced photodynamic inactivation of <i>Staphylococcus aureus</i> . <i>RSC Advances</i> , 2015, 5, 61639-61649.	1.7	40
43	Enhanced solid-phase immunoassay using gold nanoshells: effect of nanoparticle optical properties. <i>Nanotechnology</i> , 2008, 19, 435703.	1.3	38
44	Reexamination of Surface-Enhanced Raman Scattering from Gold Nanorods as a Function of Aspect Ratio and Shape. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10647-10658.	1.5	38
45	In-situ NIR-laser mediated bioactive substance delivery to single cell for EGFP expression based on biocompatible microchamber-arrays. <i>Journal of Controlled Release</i> , 2018, 276, 84-92.	4.8	37
46	A novel cell transfection platform based on laser optoporation mediated by Au nanostar layers. <i>Journal of Biophotonics</i> , 2019, 12, e201800166.	1.1	37
47	Composite SERS-based satellites navigated by optical tweezers for single cell analysis. <i>Analyst</i> , The, 2015, 140, 4981-4986.	1.7	36
48	Ultrasharp light-scattering resonances of structured nanospheres: effects of size-dependent dielectric functions. <i>Journal of Biomedical Optics</i> , 2006, 11, 044002.	1.4	35
49	Tunable depolarized light scattering from gold and gold/silver nanorods. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3210.	1.3	35
50	Nanoplasmonically-Induced Defects in Lipid Membrane Monitored by Ion Current: Transient Nanopores versus Membrane Rupture. <i>Nano Letters</i> , 2014, 14, 4273-4279.	4.5	35
51	Surface Morphology of a Gold Core Controls the Formation of Hollow or Bridged Nanogaps in Plasmonic Nanomatryoshkas and Their SERS Responses. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15385-15394.	1.5	34
52	In vitro and in vivo MRI visualization of nanocomposite biodegradable microcapsules with tunable contrast. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32238-32246.	1.3	31
53	Quantitative cell bioimaging using gold-nanoshell conjugates and phage antibodies. <i>Journal of Biophotonics</i> , 2011, 4, 74-83.	1.1	29
54	Multipolarization Dynamic Light Scattering of Nonspherical Nanoparticles in Solution. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3070-3077.	1.5	29

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55	Tip-Functionalized Au@Ag Nanorods as Ultrabright Surface-Enhanced Raman Scattering Probes for Bioimaging in Off-Resonance Mode. <i>Journal of Physical Chemistry C</i> , 2018, 122, 17983-17993.	1.5	29
56	Photothermal and Photodynamic Therapy of Tumors with Plasmonic Nanoparticles: Challenges and Prospects. <i>Materials</i> , 2022, 15, 1606.	1.3	29
57	Golden Vaterite as a Mesoscopic Metamaterial for Biophotonic Applications. <i>Advanced Materials</i> , 2021, 33, e2008484.	11.1	27
58	A solid-phase dot assay using silica/gold nanoshells. <i>Nanoscale Research Letters</i> , 2007, 2, 6-11.	3.1	25
59	Plasmonic photothermal therapy: Approaches to advanced strategy. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 1025-1033.	1.1	22
60	Polydopamine-coated Au nanorods for targeted fluorescent cell imaging and photothermal therapy. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 794-803.	1.5	22
61	Lateral Flow Immunoassay of SARS-CoV-2 Antigen with SERS-Based Registration: Development and Comparison with Traditional Immunoassays. <i>Biosensors</i> , 2021, 11, 510.	2.3	22
62	Optimal design of gold nanomatryoshkas with embedded Raman reporters. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 190, 89-102.	1.1	19
63	Carbon dot aggregates as an alternative to gold nanoparticles for the laser-induced opening of microchamber arrays. <i>Soft Matter</i> , 2018, 14, 9012-9019.	1.2	19
64	Advantages of Highly Spherical Gold Nanoparticles as Labels for Lateral Flow Immunoassay. <i>Sensors</i> , 2020, 20, 3608.	2.1	19
65	Photostability of Contrast Agents for Photoacoustics: The Case of Gold Nanorods. <i>Nanomaterials</i> , 2021, 11, 116.	1.9	19
66	On the extinction multipole plasmons in gold nanorods. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2007, 107, 306-314.	1.1	18
67	Large-scale high-quality 2D silica crystals: dip-drawing formation and decoration with gold nanorods and nanospheres for SERS analysis. <i>Nanotechnology</i> , 2014, 25, 405602.	1.3	18
68	Quantitative and multiplex dot-immunoassay using gap-enhanced Raman tags. <i>RSC Advances</i> , 2017, 7, 40834-40841.	1.7	18
69	Air-Filled Bubbles Stabilized by Gold Nanoparticle/Photodynamic Dye Hybrid Structures for Theranostics. <i>Nanomaterials</i> , 2021, 11, 415.	1.9	18
70	CaCO <sub>3</sub> Nanoparticles Coated with Alternating Layers of Poly-L-Arginine Hydrochloride and Fe <sub>3</sub> O <sub>4</sub> Nanoparticles as Navigable Drug Carriers and Hyperthermia Agents. <i>ACS Applied Nano Materials</i> , 2022, 5, 2994-3006.	2.4	17
71	Optical properties of gold nanoshells on monodisperse silica cores: Experiment and simulations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 187, 1-9.	1.1	16
72	Photoacoustic and fluorescent effects in multilayer plasmon-dye interfaces. <i>Journal of Biophotonics</i> , 2019, 12, e201800265.	1.1	16

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73	Small Thiols Stabilize the Shape of Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11132-11140.	1.5	16
74	Petal-like Gap-Enhanced Raman Tags with Controllable Structures for High-Speed Raman Imaging. <i>Langmuir</i> , 2020, 36, 5546-5553.	1.6	16
75	A simple Mie-type model for silica-coated gold nanocages. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 121, 23-29.	1.1	15
76	Gold Nanorod Mediated Chlorhexidine Microparticle Formation and Near-Infrared Light Induced Release. <i>Langmuir</i> , 2017, 33, 7982-7993.	1.6	15
77	Optically activated and interrogated plasmonic hydrogels for applications in wound healing. <i>Journal of Biophotonics</i> , 2020, 13, e202000135.	1.1	15
78	Air-Filled Microbubbles Based on Albumin Functionalized with Gold Nanocages and Zinc Phthalocyanine for Multimodal Imaging. <i>Micromachines</i> , 2021, 12, 1161.	1.4	15
79	Polydopamine coating decreases longitudinal plasmon of Au nanorods: Experiment and simulations. <i>Applied Materials Today</i> , 2019, 15, 67-76.	2.3	14
80	A method for studying insoluble immune complexes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1670, 199-207.	1.1	13
81	Extinction and extra-high depolarized light scattering spectra of gold nanorods with improved purity and dimension tunability: direct and inverse problems. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 5710-5722.	1.3	13
82	Au-nanocluster-loaded human serum albumin nanoparticles with enhanced cellular uptake for fluorescent imaging. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 09, 1650004.	0.5	12
83	Impact of Kapitza resistance on the stability and efficiency of photoacoustic conversion from gold nanorods. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 358-365.	5.0	12
84	Microstructured Optical Waveguide-Based Endoscopic Probe Coated with Silica Submicron Particles. <i>Materials</i> , 2019, 12, 1424.	1.3	10
85	Optical properties of gold spheroidal particles and nanoshells: Effect of the external dielectric medium. , 2005, , .		7
86	Resonant Concentration-Driven Control of Dye Molecule Photodegradation via Strong Optical Coupling to Plasmonic Nanoparticles. <i>Nano Letters</i> , 2022, 22, 105-110.	4.5	7
87	A New Type of SERS Tags: Au@Ag Core/Shell Nanorods with Embedded Aromatic Molecules. <i>Nanotechnologies in Russia</i> , 2017, 12, 495-507.	0.7	6
88	Microstructured Waveguides with Polyelectrolyte-Stabilized Gold Nanostars for SERS Sensing of Dissolved Analytes. <i>Materials</i> , 2018, 11, 734.	1.3	6
89	Live Cell Poration by Au Nanostars to Probe Intracellular Molecular Composition with SERS. <i>Nanomaterials</i> , 2021, 11, 2588.	1.9	6
90	Effect of Surface Modification of Multifunctional Nanocomposite Drug Delivery Carriers with DARPIn on Their Biodistribution <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Applied Bio Materials</i> , 0, , .	2.3	6

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91	Fluctuation of probe beam in thermolens schematics as potential indicator of cell metabolism, apoptosis, necrosis and laser impact. , 2006, , .		5
92	<title>Observation of time-dependent single-particle light scattering from gold nanorods and nanospheres by using unpolarized dark-field microscopy</title>. , 2006, , .		4
93	Near-infrared laser photothermal therapy and photodynamic inactivation of cells by using gold nanoparticles and dyes. Proceedings of SPIE, 2007, , .	0.8	4
94	Combined near infrared photothermolysis and photodynamic therapy by association of gold nanoparticles and an organic dye. , 2011, , .		4
95	Precise control of distance between plasmonic surface-enhanced Raman scattering substrate and analyte molecules with polyelectrolyte layers. Journal of Raman Spectroscopy, 2018, 49, 1581-1593.	1.2	4
96	Improving <scp>SERS</scp> bioimaging of subcutaneous phantom in vivo with optical clearing. Journal of Biophotonics, 2022, 15, e202100281.	1.1	4
97	<title>Study of complex micellar systems by static and dynamic light scattering</title>. , 2004, 5475, 12.		3
98	<title>Optical polarizability of metal nanoparticles and their biospheric conjugates</title>. , 2006, , .		3
99	<title>Optical properties of gold-nanoshell planar array</title>. , 2007, , .		3
100	The development of skin immersion clearing method for increasing of laser exposure efficiency on subcutaneous objects. , 2012, , .		3
101	Analytical and Theranostic Applications of Gold Nanoparticles and Multifunctional Nanocomposites: Erratum. Theranostics, 2013, 3, 1012-1012.	4.6	3
102	Gold Nanoparticle-Based Technologies in Photothermal/Photodynamic Treatment. , 2018, , 151-173.		3
103	Photoswitchable Spasers with a Plasmonic Core and Photoswitchable Fluorescent Proteins. Scientific Reports, 2019, 9, 12439.	1.6	3
104	<title>Gold nanoparticle sizing based on differential static light scattering spectroscopy, absorption spectroscopy, and dynamic light scattering</title>. , 2004, , .		2
105	Influence of gold nanoparticles on platelets functional activity in vitro. Proceedings of SPIE, 2008, , .	0.8	2
106	Morphological study of the internal organs in rats with alloxan diabetes and transplanted liver tumor after intravenous injection of gold nanorods. Russian Open Medical Journal, 2014, 3, 0301.	0.1	2
107	Alterations of morphology of lymphoid organs and peripheral blood indicators under the influence of gold nanoparticles in rats. Journal of Innovative Optical Health Sciences, 2016, 09, 1640004.	0.5	2
108	Cell culture surfaces with immobilized gold nanostars: a new approach for laser-induced plasmonic cell optoporation. , 2017, , .		2

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109	Tumor Phantom with Incorporated SERS Tags: Detectability in a Turbid Medium. Photonics, 2021, 8, 144.	0.9	2
110	Citrate-reduced Au nanoparticles vs. monodisperse spheres: extinction and dynamic light scattering measurements. , 2019, , .		2
111	SERS Platform Based on Hollow-Core Microstructured Optical Fiber: Technology of UV-Mediated Gold Nanoparticle Growth. Biosensors, 2022, 12, 19.	2.3	2
112	<title>Structure of insoluble immune complexes as studied by spectroturbidimetry and dynamic light scattering</title>. , 2004, 5475, 26.		1
113	<title>Plasmon resonance of gold nanoshells: sensitivity to the local dielectric environment</title>. , 2006, , .		1
114	<title>Optimization of gold nanostructures for laser killing of cancer cells</title>. , 2006, , .		1
115	<title>Multipole plasmons in gold nanorods: scaling properties and dependence on the particle size, shape, orientation, and dielectric environment</title>. , 2007, , .		1
116	&lt;title&gt;Gold nanoshells as solid-phase dot assay labels&lt;/title&gt;. Proceedings of SPIE, 2007, , .	0.8	1
117	The assesment of effectiveness of plasmonic resonance photothermal therapy in tumor-bearing rats after multiple intravenous administration of gold nanorods. Proceedings of SPIE, 2017, , .	0.8	1
118	The effects of prolonged oral administration of gold nanoparticles on the morphology of hematopoietic and lymphoid organs. , 2017, , .		1
119	A novel centrifuge-based approach for tunable 2D layering of plasmonic nanoparticles. , 2019, , .		1
120	SERS response from gold nanorods and dumbbells. , 2020, , .		1
121	SERS and Indicator Paper Sensing of Hydrogen Peroxide Using Au@Ag Nanorods. Sensors, 2022, 22, 3202.	2.1	1
122	<title>Liposomes by quasielastic light scattering and spectroturbidimetry</title>. , 2002, 4707, 261.		0
123	Computer simulation and experimental study of the polysaccharide-polysaccharide interaction in the bacteria Azospirillum brasilense Sp245. , 2003, , .		0
124	<title>Handling of nanoparticles with light pressure forces</title>. , 2007, 6536, 79.		0
125	Three-dimensional dynamics of temperature fields in phantoms and biotissue under IR laser photothermal therapy using gold nanoparticles and ICG dye. , 2010, , .		0
126	Optical microscopy for nanoparticles temperature and velocity field visualization. , 2010, , .		0

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127	The reversibility of morphological changes in the mesenteric lymph nodes after peroral administration of gold nanoparticles. Proceedings of SPIE, 2014, , .	0.8	0
128	Evaluation of lipid peroxidation activity at intravenous administration of gold nanorods in rats with simulated diabetes and transplanted liver cancer. , 2014, , .		0
129	Freeze-dried polymer-coated quantum dots for perspective biomedical application. , 2015, , .		0
130	The study of indicators of bone marrow and peripheral blood of rats with diabetes and transplanted liver tumor after intravenous injection of gold nanorods. , 2015, , .		0
131	Surface-enhanced Raman scattering from 4-aminothiophenol molecules embedded inside Ag coated gold nanorods. , 2016, , .		0
132	Optical properties of monodisperse gold nanoshells on silica cores. , 2016, , .		0
133	The morphological changes in transplanted tumors in rats at plasmonic photothermal therapy. Proceedings of SPIE, 2016, , .	0.8	0
134	The morphological changes in the internal organs of laboratory animals after prolonged oral administration of gold nanoparticles. Journal of Innovative Optical Health Sciences, 2016, 09, 1642004.	0.5	0
135	Bovine serum albumin nanoparticles loaded with Photosens photosensitizer for effective photodynamic therapy. Proceedings of SPIE, 2017, , .	0.8	0
136	The inflammation markers in serum of tumor-bearing rats after plasmonic photothermal therapy. , 2018, , .		0
137	Layer-by-layer polyelectrolyte coating for surface-enhanced Raman scattering on gold nanostars inside hollow core photonic crystal fibers. , 2018, , .		0
138	Cytotoxicity evaluation of gold nanoparticles on microalga Dunaliella salina in microplate test system. , 2018, , .		0
139	Optical properties of polydopamine-coated Au nanorods. , 2019, , .		0
140	Synthesis and SERS properties of Au@Au and Au@Ag nanomatryoshkas with embedded reporters. , 2019, , .		0
141	SERS response from gap-enhanced Raman tags as a function of the shell thickness. , 2020, , .		0
142	New materials for laser welding of connective tissue and controlled release of antimicrobial principles. , 2020, , .		0
143	Au@NBT@Ag tags with different thickness of the metallic shell: synthesis and SERS properties. , 2020, , .		0
144	Plasmonic nanoparticles as contrast agents for photoacoustics: strategies to improve their photostability. , 2021, , .		0