

# Michael Kononov

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

237  
citations

1307594

7  
h-index

1058476

14  
g-index

29  
all docs

29  
docs citations

29  
times ranked

533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Speleothems Reveal 500,000-Year History of Siberian Permafrost. <i>Science</i> , 2013, 340, 183-186.	12.6	103
2	Palaeoclimate evidence of vulnerable permafrost during times of low sea ice. <i>Nature</i> , 2020, 577, 221-225.	27.8	45
3	Isotopic composition (H, O, Cl, Sr) of ground brines of the Siberian Platform. <i>Russian Geology and Geophysics</i> , 2007, 48, 225-236.	0.7	29
4	Melting of carbon heated by focused laser radiation in air at atmospheric pressure and temperature below 4000 K. <i>JETP Letters</i> , 2006, 84, 258-261.	1.4	16
5	Laser-induced preparation of volume nanocompositions in aqueous albumin solutions. <i>Quantum Electronics</i> , 2007, 37, 801-803.	1.0	10
6	Cryogenic Deformation Structures in Late Cenozoic Unconsolidated Sediments of the Tunka Depression in the Baikal Rift Zone. <i>Permafrost and Periglacial Processes</i> , 2014, 25, 117-126.	3.4	9
7	Hydrogen intercalation of compounds with FeSe and MoS <sub>2</sub> layered crystal structures. <i>Inorganic Materials: Applied Research</i> , 2017, 8, 759-762.	0.5	8
8	Trace elements and rare earth elements in ground ice in kimberlites and sedimentary rocks of Western Yakutia. <i>Cold Regions Science and Technology</i> , 2016, 123, 140-148.	3.5	6
9	Effect of optical sensitisation on a surface plasmon resonance. <i>Quantum Electronics</i> , 2003, 33, 711-713.	1.0	4
10	Structural changes of silver iodide nanocrystals during surface optical sensitization. <i>Bulletin of the Lebedev Physics Institute</i> , 2015, 42, 30-32.	0.6	3
11	Surface optical sensitization of a thin polycrystalline silver iodide film by brilliant green molecules. <i>Bulletin of the Lebedev Physics Institute</i> , 2012, 39, 12-15.	0.6	1
12	The Spectroscopical and Microstructural Investigations of Nanoclusters and Micron-Sized Periodic Structures Created at the Surface of the Crystal and Amorphous Silica by Resonant CO <sub>2</sub> Laser Irradiation. <i>EPJ Web of Conferences</i> , 2015, 103, 06006.	0.3	1
13	Change of electrical conductivity of MoS <sub>2</sub> under exposure to protons. <i>Journal of Physics: Conference Series</i> , 2018, 1134, 012033.	0.4	1
14	A Giant Increase in the Electrical Conductivity of the High-Resistivity Film MoS <sub>2</sub> Semiconductor under Continuous Proton Injection. <i>Doklady Physics</i> , 2018, 63, 279-281.	0.7	1
15	Selective sensors to monatomic mercury and hydrogen based on the effect of surface plasmon-polariton resonance. , 0, , .		0
16	<title>Detectors of angular shifts and light polarizers, operation of which is based on the effect of surface plasmon-polariton resonance</title>. , 1994, 2257, 220.		0
17	<title>Devices for light control by light based on the surface plasmon resonance effect</title>. , 1999, , .		0
18	Devices for controlling light based on the surface plasmon resonance effect using photochromes. , 1999, , .		0

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19	A Study of Native Cell Morphology and Cell Surface Relief of Some Gram-Negative Bacteria. Microbiology, 2003, 72, 381-384.	1.2	0
20	<title>Laser diagnostics of hydrodynamic processes and spatio-temporal instabilities on the substance surface</title>. , 2007, 6606, 220.		0
21	Responses of bacterial monolayers to gaseous nutrients observed by surface plasmon resonance spectroscopy. Biophysics (Russian Federation), 2007, 52, 412-413.	0.7	0
22	Study of the nanoclusters and microstructures that appear on the surface of silicates under the resonance action of CO <sub>2</sub> -laser radiation. Journal of Optical Technology (A Translation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 60 617 Td		0
23	Chemical agent registration method on the basis of surface optical sensitization and surface plasmon resonance. , 2015, , .		0
24	The investigations of nanoclusters and micron-sized periodic structures created at the surface of the crystal and amorphous silica by resonant CO <sub>2</sub> laser irradiation. EPJ Web of Conferences, 2017, 132, 03035.	0.3	0
25	Plasmonic spectroscopy of the water solutions of the copper phthalocyanine adsorbed on silver surface. , 2018, , .		0
26	Broadband Modulator Converting Infrared Radiation to Visible Light Based on Resonant Excitation of Surface Waves. Bulletin of the Lebedev Physics Institute, 2019, 46, 256-258.	0.6	0
27	An Approach to Employing Speed Dependences of the Pressure Loss in Filter-Matrixes to Diagnose the Transitional Regime of the Flow. DEStech Transactions on Engineering and Technology Research, 2017, , .	0.0	0
28	The effect of tungsten on the properties of gold-doped silicon. , 2018, , .		0
29	Generation of a broad-area laser diode in an asymmetrical V-cavity possessing a spectrally nonselective feedback mirror. Quantum Electronics, 2018, 48, 706-710.	1.0	0