

# Sergejs Boroviks

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3864644/publications.pdf>

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12  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremely confined gap plasmon modes: when nonlocality matters. Nature Communications, 2022, 13, .	12.8	22
2	Ultimate Limit for Optical Losses in Gold, Revealed by Quantitative Near-Field Microscopy. Nano Letters, 2022, 22, 5759-5764.	9.1	11
3	Near-field probing of image phonon-polaritons in hexagonal boron nitride on gold crystals. Science Advances, 2022, 8, .	10.3	13
4	Anisotropic second-harmonic generation from monocrystalline gold flakes. Optics Letters, 2021, 46, 833.	3.3	6
5	Fractal Shaped Periodic Metal Nanostructures Atop Dielectric-Metal Substrates for SERS Applications. ACS Photonics, 2020, 7, 1708-1715.	6.6	25
6	Efficient Coupling of Single Organic Molecules to Channel Plasmon Polaritons Supported by V-Grooves in Monocrystalline Gold. ACS Photonics, 2020, 7, 2211-2218.	6.6	10
7	Ultrabright single-photon emission from germanium-vacancy zero-phonon lines: deterministic emitter-waveguide interfacing at plasmonic hot spots. Nanophotonics, 2020, 9, 953-962.	6.0	21
8	Laser Writing of Bright Colors on Near-Percolation Plasmonic Reflector Arrays. ACS Nano, 2019, 13, 71-77.	14.6	49
9	Use of monocrystalline gold flakes for gap plasmon-based metasurfaces operating in the visible. Optical Materials Express, 2019, 9, 4209.	3.0	12
10	Multifunctional Metamirror: Polarization Splitting and Focusing. ACS Photonics, 2018, 5, 1648-1653.	6.6	88
11	Interference in edge-scattering from monocrystalline gold flakes [Invited]. Optical Materials Express, 2018, 8, 3688.	3.0	18
12	Bifunctional metamirrors for simultaneous polarization splitting and focusing. , 2018, , .		0