

Marko SpasenoviÄ

List of Publications by Year in descending order

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39
papers

3,031
citations

430874

18
h-index

414414

32
g-index

42
all docs

42
docs citations

42
times ranked

4341
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical nano-imaging of gate-tunable graphene plasmons. Nature, 2012, 487, 77-81.	27.8	1,820
2	Nanowire Plasmon Excitation by Adiabatic Mode Transformation. Physical Review Letters, 2009, 102, 203904.	7.8	219
3	Loss engineered slow light waveguides. Optics Express, 2010, 18, 27627.	3.4	182
4	Optically levitated nanoparticle as a model system for stochastic bistable dynamics. Nature Communications, 2017, 8, 15141.	12.8	84
5	All-optical injection of ballistic electrical currents in unbiased silicon. Nature Physics, 2007, 3, 632-635.	16.7	72
6	Plasmon Scattering from Single Subwavelength Holes. Physical Review Letters, 2012, 108, 127402.	7.8	69
7	Multilayer graphene condenser microphone. 2D Materials, 2015, 2, 045013.	4.4	63
8	Nonlinear Mode Coupling and Synchronization of a Vacuum-Trapped Nanoparticle. Physical Review Letters, 2014, 112, 103603.	7.8	53
9	Cooling and manipulation of a levitated nanoparticle with an optical fiber trap. Applied Physics Letters, 2015, 107, .	3.3	51
10	Nanohole Chains for Directional and Localized Surface Plasmon Excitation. Nano Letters, 2010, 10, 286-290.	9.1	50
11	All-optical coherent control of electrical currents in centrosymmetric semiconductors. Physical Review B, 2008, 77, .	3.2	39
12	Statistical fluctuations of transmission in slow light photonic-crystal waveguides. Optics Express, 2010, 18, 14654.	3.4	39
13	Characterization of bending losses for curved plasmonic nanowire waveguides. Optics Express, 2010, 18, 16112.	3.4	36
14	Magnetic and electric response of single subwavelength holes. Physical Review B, 2013, 88, .	3.2	32
15	Enhanced sheet conductivity of Langmuir-Blodgett assembled graphene thin films by chemical doping. 2D Materials, 2016, 3, 015002.	4.4	26
16	Reducing sheet resistance of self-assembled transparent graphene films by defect patching and doping with UV/ozone treatment. Applied Surface Science, 2018, 458, 446-453.	6.1	25
17	Experimental observation of evanescent modes at the interface to slow-light photonic crystal waveguides. Optics Letters, 2011, 36, 1170.	3.3	24
18	Transparent and conductive films from liquid phase exfoliated graphene. Optical and Quantum Electronics, 2016, 48, 1.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Miniature graphene-based supercapacitors fabricated by laser ablation. <i>Microelectronic Engineering</i> , 2017, 182, 1-7.	2.4	15
20	DNA Sequencing with Single-Stranded DNA Rectification in a Nanogap Gated by N-Terminated Carbon Nanotube Electrodes. <i>ACS Applied Nano Materials</i> , 2020, 3, 3034-3043.	5.0	15
21	Low-friction, wear-resistant, and electrically homogeneous multilayer graphene grown by chemical vapor deposition on molybdenum. <i>Applied Surface Science</i> , 2020, 509, 144792.	6.1	14
22	Measuring the spatial extent of individual localized photonic states. <i>Physical Review B</i> , 2012, 86, .	3.2	13
23	Measurements of modal symmetry in subwavelength plasmonic slot waveguides. <i>Applied Physics Letters</i> , 2009, 95, 203109.	3.3	12
24	Slow-light and evanescent modes at interfaces in photonic crystal waveguides: optimal extraction from experimental near-field measurements. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 955.	2.1	12
25	Ultrafast humidity sensor based on liquid phase exfoliated graphene. <i>Nanotechnology</i> , 2021, 32, 025505.	2.6	11
26	DFT study of optical properties of MoS2 and WS2 compared to spectroscopic results on liquid phase exfoliated nanoflakes. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	8
27	Carbon Dioxide Sensing with Langmuirâ€“Blodgett Graphene Films. <i>Chemosensors</i> , 2021, 9, 342.	3.6	7
28	Field Effect and Local Gating in Nitrogenâ€“Terminated Nanopores (NtNP) and Nanogaps (NtNG) in Graphene. <i>ChemPhysChem</i> , 2021, 22, 336-341.	2.1	5
29	Graphene Market Review. , 0, , 177-187.		4
30	Monolayer Gas Adsorption on Graphene-Based Materials: Surface Density of Adsorption Sites and Adsorption Capacity. <i>Surfaces</i> , 2020, 3, 423-432.	2.3	4
31	All-optical injection of ballistic electrical currents in unbiased silicon. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 340-342.	0.8	1
32	Noise Spectrum as a Source of Information in Gas Sensors Based on Liquid-Phase Exfoliated Graphene. <i>Chemosensors</i> , 2022, 10, 224.	3.6	1
33	Quantum Interference Control of Electrical Currents in Silicon. , 2007, , .		0
34	THz Emission from transient electrical currents injected into semiconductors via optical quantum interference. , 2008, , .		0
35	Near-field observation of modes in subwavelength plasmonic slot waveguides. , 2009, , .		0
36	Plasmonic scattering from single subwavelength holes: Separating the electric and magnetic contributions. , 2013, , .		0

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37	Bistable dynamics of a levitated nanoparticle (Presentation Recording). Proceedings of SPIE, 2015, , .	0.8	0
38	Phase-Sensitive near-Field Study of Surface Plasmon Polaritons Launched by Chains of Subwavelength Holes in Gold Films. , 2009, , .		0
39	Observation of Evanescent Modes in Slow Light Photonic Crystal Waveguides. , 2010, , .		0