Anton V Saetchnikov

List of Publications by Year
in descending order

22	97	1478505 6	1474206 9
papers	citations	h-index	g-index

22	22	22	68
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiresonator Imaging Sensor for the Aerial Parameters Detection. IEEE Journal on Miniaturization for Air and Space Systems, 2021, 2, 84-91.	2.7	5
2	Intelligent imaging sensor out of two-photon polymerized microcavities with self-sensing boosting. , 2021, , .		0
3	Intelligent Optical Microresonator Imaging Sensor for Early Stage Classification of Dynamical Variations. Advanced Photonics Research, 2021, 2, 2100242.	3.6	3
4	Intelligent Optical Microresonator Imaging Sensor for Early Stage Classification of Dynamical Variations. Advanced Photonics Research, 2021, 2, .	3.6	1
5	A Laser Written 4D Optical Microcavity for Advanced Biochemical Sensing in Aqueous Environment. Journal of Lightwave Technology, 2020, 38, 2530-2538.	4.6	11
6	Deep-learning powered whispering gallery mode sensor based on multiplexed imaging at fixed frequency. Opto-Electronic Advances, 2020, 3, 200048-200048.	13.3	21
7	Reusable Dispersed Resonators-Based Biochemical Sensor for Parallel Probing. IEEE Sensors Journal, 2019, 19, 7644-7651.	4.7	11
8	Digital holographic microscopy for sub-Âµm scale high aspect ratio structures in transparent materials. Optics and Lasers in Engineering, 2019, 121, 441-447.	3.8	7
9	Two-photon polymerization in optical biochemical sensing. , 2019, , .		0
10	Monitoring of photochemically induced changes in phase-modulating samples with digital holographic microscopy. Applied Optics, 2019, 58, G41.	1.8	3
11	Effect of a thin reflective film between substrate and photoresin on two-photon polymerization. Additive Manufacturing, 2018, 24, 658-666.	3.0	11
12	Mapping of the detecting units of the resonator-based multiplexed sensor. , 2018, , .		8
13	Simultaneous real-time application and direct comparison of optical resonance sensing and fluorescence tagging techniques for biochemical component detection. Proceedings of SPIE, 2017, , .	0.8	1
14	Quantification of whispering gallery mode spectrum variability in application to sensing nanobiophotonics. Journal of Nanophotonics, 2017, 11, 1.	1.0	7
15	Long-term functionalization of optical resonance sensor spots. , 2016, , .		0
16	Array sensor: plasmonic improved optical resonance methods and instrument for biomedical diagnostics. Proceedings of SPIE, 2015, , .	0.8	1
17	Plasmonic improvement of microcavity biomedical sensor spectroscopic characteristics. , 2014, , .		2
18	Biochemical component identification by plasmonic improved whispering gallery mode optical resonance based sensor. Proceedings of SPIE, 2014, , .	0.8	2

#	Article	IF	Citations
19	Biochemical component identification by light scattering techniques in whispering gallery mode optical resonance based sensor. Proceedings of SPIE, 2014, , .	0.8	2
20	Fluid pumping cell of photonic - plasmonic microcavity sensor for biomedical application. , 2013, , .		0
21	Diagnostics of biomedical agents by whispering gallery mode optical resonance based sensor. , 2013, , .		1
22	Drag detection and identification by whispering gallery mode optical resonance based sensor. , 2013, , .		0