

Huzeyfe Yilmaz

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,521
citations

1040056

9
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

1681
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Grown Gold Nanoparticle-Based Chemiresistive Electronic Nose for Sniffing Distinct Odor Fingerprints. ACS Applied Materials & Interfaces, 2022, 14, 3207-3217.	8.0	1
2	Through-container quantitative analysis of hand sanitizers using spatially offset Raman spectroscopy. Communications Chemistry, 2021, 4, .	4.5	9
3	Raman mapping of fentanyl transdermal delivery systems with off-label modifications. Analyst, The, 2020, 145, 953-962.	3.5	7
4	In Vitro Testing of Sunscreens for Dermal Absorption: A Platform for Product Selection for Maximal Usage Clinical Trials. Journal of Investigative Dermatology, 2020, 140, 2487-2495.	0.7	11
5	Gold-Nanorod-Based Plasmonic Nose for Analysis of Chemical Mixtures. ACS Applied Nano Materials, 2019, 2, 3897-3905.	5.0	15
6	Structural Protein-Based Whispering Gallery Mode Resonators. ACS Photonics, 2017, 4, 2179-2186.	6.6	21
7	Whispering-gallery modes observed in elastic scattering from submerged high-refractive-index silica microspheres. Optical Engineering, 2017, 56, 1.	1.0	0
8	Fiber Optic Excitation of Silicon Microspheres in Amorphous and Crystalline Fluids. Fiber and Integrated Optics, 2016, 35, 60-71.	2.5	0
9	Chiral modes and directional lasing at exceptional points. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6845-6850.	7.1	422
10	Protein-based flexible whispering gallery mode resonators. Proceedings of SPIE, 2016, , .	0.8	3
11	Raman gain induced mode evolution and on-demand coupling control in whispering-gallery-mode microcavities. Optics Express, 2015, 23, 29573.	3.4	20
12	Highly sensitive detection of nanoparticles with a self-referenced and self-heterodyned whispering-gallery Raman microlaser. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3836-44.	7.1	192
13	Loss-induced suppression and revival of lasing. Science, 2014, 346, 328-332.	12.6	748
14	Interfacing whispering-gallery microresonators and free space light with cavity enhanced Rayleigh scattering. Scientific Reports, 2014, 4, 6396.	3.3	45
15	On-chip whispering-gallery-mode microlasers and their applications for nanoparticle sensing. Proceedings of SPIE, 2013, , .	0.8	0
16	Statistics of multiple-scatterer-induced frequency splitting in whispering gallery microresonators and microlasers. New Journal of Physics, 2013, 15, 073030.	2.9	25
17	Silicon microspheres for optoelectronics. , 2011, , .		0
18	Electro-optical modulation with silicon microspheres in liquid crystal. Proceedings of SPIE, 2011, , .	0.8	2

#	ARTICLE	IF	CITATIONS
19	Silicon microsphere based filtering application for near-infrared optical fiber based telecommunication. , 2011, , .		0