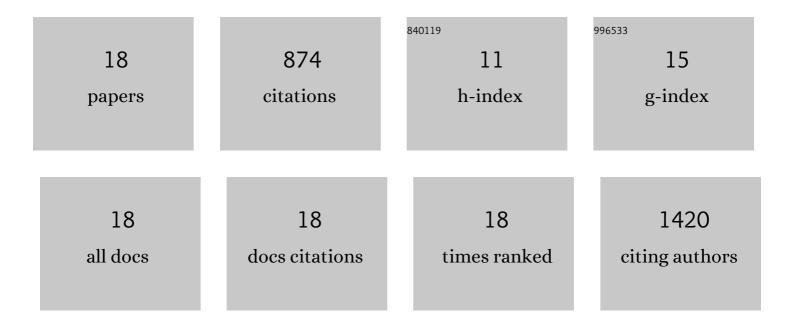
Kok Ken Chan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Tunable Optical Vortex from a Nanogroove-Structured Optofluidic Microlaser. Nano Letters, 2022, 22, 1425-1432.	4.5	8
2	Water-stable Perovskite Quantum Dots-based FRET Nanosensor for the Detection of Rhodamine 6G in Water, Food, and Biological Samples. Microchemical Journal, 2022, 180, 107624.	2.3	13
3	Water-Stable All-Inorganic Perovskite Nanocrystals with Nonlinear Optical Properties for Targeted Multiphoton Bioimaging. ACS Applied Nano Materials, 2021, 4, 9022-9033.	2.4	29
4	Two-Dimensional MoS ₂ Nanosheet-Functionalized Optical Microfiber for Room-Temperature Volatile Organic Compound Detection. ACS Applied Nano Materials, 2021, 4, 13440-13449.	2.4	10
5	A First Study of the Kinetics of Metal Ion Adsorption at Solid/Liquid Interface using Evanescent Wave-based Optical Microfiber. IEEE Sensors Journal, 2020, , 1-1.	2.4	2
6	Carbon Allotrope-Based Optical Fibers for Environmental and Biological Sensing: A Review. Sensors, 2020, 20, 2046.	2.1	21
7	Carbon Dot-functionalized Interferometric Optical Fiber Sensor for Detection of Ferric Ions in Biological Samples. ACS Applied Materials & Interfaces, 2019, 11, 28546-28553.	4.0	59
8	Nanocarbons for Biology and Medicine: Sensing, Imaging, and Drug Delivery. Chemical Reviews, 2019, 119, 9559-9656.	23.0	368
9	A facile synthesis of label-free carbon dots with unique selectivity-tunable characteristics for ferric ion detection and cellular imaging applications. New Journal of Chemistry, 2019, 43, 4734-4744.	1.4	47
10	Factors Influencing Metal Binding Efficiency at Solid/Liquid Interface: An Investigation for the Prediction of Heavy Metal Ion Sensing Performance. , 2019, , .		1
11	Solid State Carbon Dots-Based Sensor Using Optical Microfiber for Ferric Ion Detection. , 2019, , .		3
12	Biodegradable Polymer-Coated Multifunctional Graphene Quantum Dots for Light-Triggered Synergetic Therapy of Pancreatic Cancer. ACS Applied Materials & Interfaces, 2019, 11, 2768-2781.	4.0	58
13	Advanced Nearâ€Infrared Lightâ€Responsive Nanomaterials as Therapeutic Platforms for Cancer Therapy. Advanced Therapeutics, 2019, 2, 1800090.	1.6	27
14	NIRâ€responsive nanomaterials and their applications; upconversion nanoparticles and carbon dots: a perspective. Journal of Chemical Technology and Biotechnology, 2018, 93, 1519-1528.	1.6	37
15	Biogreen Synthesis of Carbon Dots for Biotechnology and Nanomedicine Applications. Nano-Micro Letters, 2018, 10, 72.	14.4	133
16	Biodegradable nanocarriers for small interfering ribonucleic acid (siRNA) co-delivery strategy increase the chemosensitivity of pancreatic cancer cells to gemcitabine. Nano Research, 2017, 10, 3049-3067.	5.8	47
17	Ultra-small v-shaped gold split ring resonators for biosensing using fundamental magnetic resonance in the visible spectrum. Nanotechnology, 2017, 28, 405305.	1.3	11

18 Miniaturized Fluidic Devices and Their Biophotonic Applications. , 2017, , 893-939.

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