

Ryan C Ng

List of Publications by Year in descending order

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9
papers

309
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

446
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Structural color three-dimensional printing by shrinking photonic crystals. Nature Communications, 2019, 10, 4340. | 12.8 | 184 |
| 2 | Additive Manufacturing of High-Refractive-Index, Nanoarchitected Titanium Dioxide for 3D Dielectric Photonic Crystals. Nano Letters, 2020, 20, 3513-3520. | 9.1 | 59 |
| 3 | Polarization-Independent, Narrowband, Near-IR Spectral Filters via Guided Mode Resonances in Ultrathin a-Si Nanopillar Arrays. ACS Photonics, 2019, 6, 265-271. | 6.6 | 33 |
| 4 | Miniaturization of a-Si guided mode resonance filter arrays for near-IR multi-spectral filtering. Applied Physics Letters, 2020, 117, . | 3.3 | 10 |
| 5 | Dispersion Mapping in 3-Dimensional Core-Shell Photonic Crystal Lattices Capable of Negative Refraction in the Mid-Infrared. Nano Letters, 2021, 21, 9102-9107. | 9.1 | 8 |
| 6 | Spectroscopic and Thermal Characterization of Extra Virgin Olive Oil Adulterated with Edible Oils. Foods, 2022, 11, 1304. | 4.3 | 7 |
| 7 | Thermal Rectification and Thermal Logic Gates in Graded Alloy Semiconductors. Energies, 2022, 15, 4685. | 3.1 | 4 |
| 8 | Designing core-shell 3D photonic crystal lattices for negative refraction. Proceedings of SPIE, 2017, , . | 0.8 | 3 |
| 9 | Fabrication of ultra-thin si nanopillar arrays for polarization-independent spectral filters in the near-IR. , 2018, , . | | 1 |