Pieter G Kik

List of Publications by Year
in descending order

20 papers	612 citations	840776 11 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	1201 citing authors

#	Article	IF	Citations
1	Single Particle Spectroscopy Study of Metal-Film-Induced Tuning of Silver Nanoparticle Plasmon Resonances. Journal of Physical Chemistry C, 2010, 114, 7509-7514.	3.1	121
2	Photonic Multitasking Interleaved Si Nanoantenna Phased Array. Nano Letters, 2016, 16, 7671-7676.	9.1	113
3	Purcell effect for active tuning of light scattering from semiconductor optical antennas. Science, 2017, 358, 1407-1410.	12.6	97
4	Exciton resonance tuning of an atomically thin lens. Nature Photonics, 2020, 14, 426-430.	31.4	80
5	Transparent multispectral photodetectors mimicking the human visual system. Nature Communications, 2019, 10, 4982.	12.8	50
6	Direct Electrospray Printing of Gradient Refractive Index Chalcogenide Glass Films. ACS Applied Materials & Interfaces, 2017, 9, 26990-26995.	8.0	27
7	Anti-Hermitian photodetector facilitating efficient subwavelength photon sorting. Nature Communications, 2018, 9, 316.	12.8	26
8	Wide-Band Spectral Control of Au Nanoparticle Plasmon Resonances on a Thermally and Chemically Robust Sensing Platform. Journal of Physical Chemistry C, 2013, 117, 19127-19133.	3.1	23
9	Nanoelectromechanical modulation of a strongly-coupled plasmonic dimer. Nature Communications, 2021, 12, 48.	12.8	19
10	Multilevel sensitization of Er3+ in low-temperature-annealed silicon-rich SiO2. Applied Physics Letters, 2008, 93, 233120.	3.3	16
11	Observation of temperature-independent internal Er3+ relaxation efficiency in Si-rich SiO2 films. Applied Physics Letters, 2009, 94, 241115.	3.3	14
12	Excitation wavelength independent sensitized Er3+ concentration in as-deposited and low temperature annealed Si-rich SiO2 films. Applied Physics Letters, 2009, 95, .	3.3	8
13	Determination of optimum Si excess concentration in Er-doped Si-rich SiO2 for optical amplification at 1.54â€‚Î¼m. Applied Physics Letters, 2010, 97, 201107.	3.3	7
14	Electrospray Deposition of Uniform Thickness Ge₂₃Sb₇S₇₀ and As₄₀S₆₀ Chalcogenide Glass Films. Journal of Visualized Experiments, 2016, , .	0.3	6
15	Frequency dependent power efficiency of a nanostructured surface plasmon coupler. Physica Status Solidi - Rapid Research Letters, 2010, 4, 280-282.	2.4	4
16	Self-assembled multifunctional nanostructures for surface passivation and photon management in silicon photovoltaics. Nanophotonics, 2021, 10, 4611-4621.	6.0	1
17	Surface Plasmon Mediated Optical Limiting in Dilute Metallodielectric Systems. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
18	Free-space to plasmon waveguide coupling. , 2008, , .		0

#	Article	IF	Citations
19	Omnidirectional excitation of sidewall gap-plasmons in a hybrid gold-nanoparticle/aluminum-nanopore structure. APL Photonics, 2016, 1, .	5.7	0
20	Exciton Resonance Tuning in Atomically-Thin Optical Elements. , 2021, , .		0