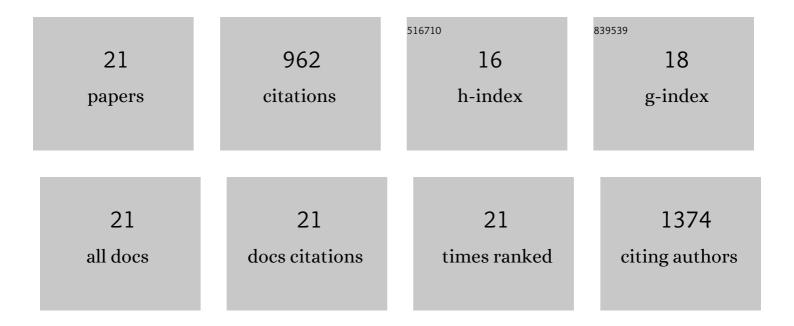
Stefan Mühlig

List of Publications by Year in descending order

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STEEAN MÃ1/ ΗΠΟ

#	Article	IF	CITATIONS
1	Refraction limit of miniaturized optical systems: a ball-lens example. Optics Express, 2016, 24, 6996.	3.4	29
2	The spectral shift between near- and far-field resonances of optical nano-antennas. Optics Express, 2014, 22, 9971.	3.4	35
3	Survey of Plasmonic Nanoparticles: From Synthesis to Application. Particle and Particle Systems Characterization, 2014, 31, 721-744.	2.3	40
4	Stacked and Tunable Large-Scale Plasmonic Nanoparticle Arrays for Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2014, 118, 10230-10237.	3.1	19
5	Multipole Analysis of Self-assembled Metamaterials. Nano-optics and Nanophotonics, 2013, , 89-117.	0.2	2
6	A self-assembled three-dimensional cloak in the visible. Scientific Reports, 2013, 3, 2328.	3.3	51
7	Plasmon Coupling in Self-Assembled Gold Nanoparticle-Based Honeycomb Islands. Journal of Physical Chemistry C, 2013, 117, 18634-18641.	3.1	38
8	Distinguishing chemical and electromagnetic enhancement in surfaceâ€enhanced Raman spectra: The case of <i>para</i> â€nitrothiophenol. Journal of Raman Spectroscopy, 2013, 44, 1497-1505.	2.5	36
9	Self-assembled plasmonic metamaterials. Nanophotonics, 2013, 2, 211-240.	6.0	43
10	A bottom-up approach to fabricate optical metamaterials by self-assembled metallic nanoparticles. Optical Materials Express, 2012, 2, 269.	3.0	58
11	Generation of highly confined optical bottle beams by exploiting the photonic nanojet effect. , 2012, , .		2
12	Bottom-up metamaterials with an isotropic magnetic response in the visible. , 2012, , .		0
13	Controlling the dynamics of quantum mechanical systems sustaining dipole-forbidden transitions via optical nanoantennas. Physical Review B, 2012, 86, .	3.2	60
14	Exciting Bright and Dark Eigenmodes in Strongly Coupled Asymmetric Metallic Nanoparticle Arrays. Journal of Physical Chemistry C, 2012, 116, 17746-17752.	3.1	13
15	Multipole analysis of meta-atoms. Metamaterials, 2011, 5, 64-73.	2.2	136
16	Engineering photonic nanojets. Optics Express, 2011, 19, 10206.	3.4	153
17	Coupling of Plasmon Resonances in Tunable Layered Arrays of Gold Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 8955-8960.	3.1	56
18	Self-Assembled Plasmonic Core–Shell Clusters with an Isotropic Magnetic Dipole Response in the Visible Range. ACS Nano, 2011, 5, 6586-6592.	14.6	111

#	Article	IF	CITATIONS
19	Cloaking dielectric spherical objects by a shell of metallic nanoparticles. Physical Review B, 2011, 83, .	3.2	46
20	Gouy phase anomaly in photonic nanojets. Applied Physics Letters, 2011, 98, 191114.	3.3	34
21	Observation of Axial Phase Evolution of Highly Confined Light Fields. , 2011, , .		0