

# Clementine Symonds

## List of Publications by Year in descending order

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51  
papers

1,724  
citations

304602

22  
h-index

276775

41  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the benefits of surface analysis techniques to develop double multilayer transfer printing of J-Aggregates cyanine dyes by integrating L-b-L and $\frac{1}{4}$ Cp processes. <i>Talanta</i> , 2022, 250, 123731.	2.9	0
2	Study of dye local photo-bleaching obtained by UV lithography for photonics applications. , 2021, , .		0
3	Tamm Cavity in the Terahertz Spectral Range. <i>ACS Photonics</i> , 2020, 7, 2906-2914.	3.2	15
4	Room-Temperature Lasing in a Low-Loss Tamm Plasmon Cavity. <i>ACS Photonics</i> , 2020, 7, 2952-2957.	3.2	22
5	Selective grating obtained by dye microstructuring based on local photobleaching using a laser writer. <i>Applied Optics</i> , 2020, 59, 5697.	0.9	4
6	Tamm plasmon photonic crystals: From bandgap engineering to defect cavity. <i>APL Photonics</i> , 2019, 4, .	3.0	33
7	Purcell Effect in Tamm Plasmon Structures with QD Emitter. <i>Semiconductors</i> , 2018, 52, 452-457.	0.2	1
8	Active control of radiation beaming from Tamm nanostructures by optical microscopy. <i>New Journal of Physics</i> , 2018, 20, 033020.	1.2	5
9	Organic Exciton in Strong Coupling with Long-Range Surface Plasmons and Waveguided Modes. <i>ACS Photonics</i> , 2018, 5, 80-84.	3.2	20
10	Metasurface for Reciprocal Spin-Orbit Coupling of Light on Waveguiding Structures. <i>Physical Review Applied</i> , 2018, 10, .	1.5	13
11	Vertical pillar nanoantenna for emission enhancement and redirection. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 045301.	1.3	3
12	Enhancement of spontaneous emission in Tamm plasmon structures. <i>Scientific Reports</i> , 2017, 7, 9014.	1.6	51
13	High quality factor confined Tamm modes. <i>Scientific Reports</i> , 2017, 7, 3859.	1.6	33
14	Tamm plasmon sub-wavelength structuration for loss reduction and resonance tuning. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	13
15	Generation and Spatial Control of Hybrid Tamm Plasmon/Surface Plasmon Modes. <i>ACS Photonics</i> , 2016, 3, 1776-1781.	3.2	36
16	Polarization-Controlled Confined Tamm Plasmon Lasers. <i>ACS Photonics</i> , 2015, 2, 842-848.	3.2	60
17	Strong Coupling between Plasmons and Organic Semiconductors. <i>Electronics (Switzerland)</i> , 2014, 3, 303-313.	1.8	22
18	Leakage interferences applied to surface plasmon analysis. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, 1067.	0.8	14

#	ARTICLE	IF	CITATIONS
19	Hybrid metal/semiconductor lasers based on confined Tamm plasmons. Proceedings of SPIE, 2014, , .	0.8	1
20	Enhanced light extraction from InGaN/GaN quantum wells with silver gratings. Applied Physics Letters, 2013, 102, .	1.5	30
21	Confined Tamm Plasmon Lasers. Nano Letters, 2013, 13, 3179-3184.	4.5	207
22	Optical properties of semiconductor in planar plasmonic structures: strong coupling and lasing. Semiconductor Science and Technology, 2013, 28, 124001.	1.0	5
23	Spatial coherence properties of surface plasmon investigated by Young's slit experiment. Optics Letters, 2012, 37, 2139.	1.7	21
24	Influence of surface plasmon propagation on leakage radiation microscopy imaging. Applied Physics Letters, 2012, 101, .	1.5	8
25	Coherent Emission from a Disordered Organic Semiconductor Induced by Strong Coupling with Surface Plasmons. Physical Review Letters, 2012, 108, 066401.	2.9	169
26	Lasing in a hybrid GaAs/silver Tamm structure. Applied Physics Letters, 2012, 100, .	1.5	69
27	Single photon source using confined Tamm plasmon modes. Applied Physics Letters, 2012, 100, .	1.5	77
28	Evidence for Confined Tamm Plasmon Modes under Metallic Microdisks and Application to the Control of Spontaneous Optical Emission. Physical Review Letters, 2011, 107, 247402.	2.9	136
29	Giant Rabi splitting in metal/semiconductor nanohybrids. Superlattices and Microstructures, 2011, 49, 209-216.	1.4	8
30	Strong coupling between Tamm plasmon and QW exciton. Superlattices and Microstructures, 2011, 49, 224-228.	1.4	9
31	Exciton/plasmon mixing in metal-semiconductor heterostructures. Superlattices and Microstructures, 2010, 47, 50-54.	1.4	5
32	Giant Rabi splitting between localized mixed plasmon-exciton states in a two-dimensional array of nanosize metallic disks in an organic semiconductor. Physical Review B, 2009, 80, .	1.1	112
33	Transfer of optically active polyelectrolyte multilayers by micro-contact printing. Journal of Optics, 2009, 11, 065601.	1.5	13
34	Emission of Tamm plasmon/exciton polaritons. Applied Physics Letters, 2009, 95, .	1.5	107
35	Particularities of surface plasmon-exciton strong coupling with large Rabi splitting. New Journal of Physics, 2008, 10, 065017.	1.2	89
36	Exciton/plasmon polaritons in GaAs heterostructures near a metallic layer. Physical Review B, 2008, 78, .	1.2	21

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37	Myosin V stepping mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15328-15333.	3.3	79
38	Continuous-wave 155 $\mu\text{m}$ diode-pumped surface emitting semiconductor laser for broadband multiplex spectroscopy. Optics Letters, 2007, 32, 1387.	1.7	14
39	Emission of hybrid organic-inorganic exciton/plasmon mixed states. Applied Physics Letters, 2007, 90, 091107.	1.5	44
40	Polaritonic emission via surface plasmon cross coupling. Applied Physics Letters, 2006, 89, 231119.	1.5	27
41	Short time investigation of the neurospora kinesin step. Journal of Physics Condensed Matter, 2006, 18, S1957-S1966.	0.7	4
42	Carrier dynamics in Ga <sub>0.53</sub> In <sub>0.47</sub> As $\delta$ -InP near-surface quantum wells. Applied Physics Letters, 2005, 87, 012107.	1.5	5
43	High performance 1.55 $\mu\text{m}$ vertical external cavity surface emitting laser with broadband integrated dielectric-metal mirror. Electronics Letters, 2004, 40, 734.	0.5	32
44	Room-temperature continuous-wave laser operation of electrically-pumped 1.55 $\mu\text{m}$ VECSEL. Electronics Letters, 2004, 40, 671.	0.5	27
45	Chirp and linewidth enhancement factor of tunable, optically-pumped long wavelength VCSEL. Electronics Letters, 2004, 40, 242.	0.5	6
46	Room temperature CW lasing operation of monolithically grown 1.55 $\mu\text{m}$ vertical external cavity surface emitting laser. Optics Communications, 2004, 230, 419-423.	1.0	18
47	Effet laser $\tilde{A}$ temp $\tilde{A}$ ©rature ambiante sous pompage optique continu d'un VCSEL en cavit $\tilde{A}$ © externe $\tilde{A}$ ©mettant $\tilde{A}$ 1,55 $\mu\text{m}$ . European Physical Journal Special Topics, 2004, 119, 279-280.	0.2	0
48	A new concept for tunable long wavelength VCSEL. Optics Communications, 2003, 222, 341-350.	1.0	26
49	Continuous-Wave Operation of Monolithically Grown 1.5- $\mu\text{m}$ Optically Pumped Vertical-External-Cavity Surface-Emitting Lasers. Applied Optics, 2003, 42, 6678.	2.1	5
50	Micro-electro-mechanically tunable two-chip vcsels for 1.55 $\mu\text{m}$ . , 0, , .		1
51	Raman investigation of local photo $\tilde{A}$ ©bleaching in TDBC dye layer for photonics applications. Journal of Raman Spectroscopy, 0, , .	1.2	0