

# Seng Fatt Liew

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/10773519/seng-fatt-liew-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

1,364  
citations

17  
h-index

28  
g-index

28  
ext. papers

1,670  
ext. citations

8.4  
avg, IF

4.28  
L-index

#	Paper	IF	Citations
25	Electrically pumped semiconductor laser with low spatial coherence and directional emission. <i>Applied Physics Letters</i> , <b>2019</b> , 115, 071101	3.4	11
24	Correlation-enhanced control of wave focusing in disordered media. <i>Nature Physics</i> , <b>2017</b> , 13, 497-502	16.2	52
23	Coherent Control of Photocurrent in a Strongly Scattering Photoelectrochemical System. <i>ACS Photonics</i> , <b>2016</b> , 3, 449-455	6.3	20
22	Evanescantly coupled multimode spiral spectrometer. <i>Optica</i> , <b>2016</b> , 3, 956	8.6	44
21	Controlling mode competition by tailoring the spatial pump distribution in a laser: a resonance-based approach. <i>Optics Express</i> , <b>2016</b> , 24, 26006-26015	3.3	13
20	Controlling a microdisk laser by local refractive index perturbation. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 051105	3.4	3
19	Broadband multimode fiber spectrometer. <i>Optics Letters</i> , <b>2016</b> , 41, 2029-32	3	33
18	Modification of light transmission channels by inhomogeneous absorption in random media. <i>Optics Express</i> , <b>2015</b> , 23, 11043-53	3.3	22
17	Control of mesoscopic transport by modifying transmission channels in opaque media. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	14
16	Minimum reflection channel in amplifying random media. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	1
15	Multiscale patterning of a metallic glass using sacrificial imprint lithography. <i>Microsystems and Nanoengineering</i> , <b>2015</b> , 1,	7.7	14
14	Pump-controlled modal interactions in microdisk lasers. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	24
13	Differential Expression of Ecdysone Receptor Leads to Variation in Phenotypic Plasticity across Serial Homologs. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005529	6	48
12	Artificial selection for structural color on butterfly wings and comparison with natural evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 12109-14	11.5	45
11	Active control of emission directionality of semiconductor microdisk lasers. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 231108	3.4	60
10	Transmission channels for light in absorbing random media: From diffusive to ballistic-like transport. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	45
9	Compact spectrometer based on a disordered photonic chip. <i>Nature Photonics</i> , <b>2013</b> , 7, 746-751	33.9	255

8	Geometrical structure, multifractal spectra and localized optical modes of aperiodic Vogel spirals. <i>Optics Express</i> , <b>2012</b> , 20, 3015-33	3.3	39
7	Photonic band gaps in three-dimensional network structures with short-range order. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	45
6	Control of lasing in biomimetic structures with short-range order. <i>Physical Review Letters</i> , <b>2011</b> , 106, 183901	7.4	65
5	Localized photonic band edge modes and orbital angular momenta of light in a golden-angle spiral. <i>Optics Express</i> , <b>2011</b> , 19, 23631-42	3.3	28
4	Lasing modes in polycrystalline and amorphous photonic structures. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	8
3	Biomimetic isotropic nanostructures for structural coloration. <i>Advanced Materials</i> , <b>2010</b> , 22, 2939-44	24	277
2	How noniridescent colors are generated by quasi-ordered structures of bird feathers. <i>Advanced Materials</i> , <b>2010</b> , 22, 2871-80	24	197
1	Structural Color: How Noniridescent Colors Are Generated by Quasi-ordered Structures of Bird Feathers (Adv. Mater. 2607/2010). <i>Advanced Materials</i> , <b>2010</b> , 22, n/a-n/a	24	1