

Junji Ohtsubo

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/10574402/junji-ohtsubo-publications-by-year.pdf>

Version: 2024-04-23

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.

57
papers

845
citations

16
h-index

28
g-index

61
ext. papers

985
ext. citations

1.4
avg, IF

3.99
L-index

#	Paper	IF	Citations
57	Chaos Synchronization in Semiconductor Lasers. <i>Springer Series in Optical Sciences</i> , 2017 , 459-510	0.5	
56	Chaos Control and Applications. <i>Springer Series in Optical Sciences</i> , 2017 , 363-384	0.5	1
55	Dynamics of Semiconductor Lasers with Optical Feedback. <i>Springer Series in Optical Sciences</i> , 2017 , 113-183	0.5	1
54	Chaotic Communications in Semiconductor Lasers. <i>Springer Series in Optical Sciences</i> , 2017 , 511-557	0.5	
53	Dynamics of Semiconductor Lasers with Optoelectronic Feedback and Modulation. <i>Springer Series in Optical Sciences</i> , 2017 , 227-261	0.5	
52	Chaos and Applications in Laser Systems. <i>The Review of Laser Engineering</i> , 2015 , 43, 342	0	
51	Hiding a checkered-pattern carrier-screen image in a camouflaged halftone image. <i>Optical Review</i> , 2014 , 21, 237-242	0.9	1
50	Spatial-mode analysis in broad-area semiconductor lasers subjected to optical feedback. <i>Optical Review</i> , 2013 , 20, 308-313	0.9	9
49	Synchronization properties and effects of parameter mismatches in unidirectionally coupled chaotic vertical-cavity surface-emitting lasers. <i>Optical Review</i> , 2013 , 20, 314-320	0.9	4
48	Dynamics of Semiconductor Lasers with Optoelectronic Feedback and Modulation. <i>Springer Series in Optical Sciences</i> , 2013 , 205-238	0.5	
47	Dynamics of Semiconductor Lasers with Optical Feedback. <i>Springer Series in Optical Sciences</i> , 2013 , 103-168	0.5	
46	Chaos Control and Applications. <i>Springer Series in Optical Sciences</i> , 2013 , 329-351	0.5	
45	Chaotic Communications in Semiconductor Lasers. <i>Springer Series in Optical Sciences</i> , 2013 , 463-507	0.5	
44	Chaos Synchronization in Semiconductor Lasers. <i>Springer Series in Optical Sciences</i> , 2013 , 415-461	0.5	
43	Dynamics and pulse-package oscillations in broad-area semiconductor lasers with short optical feedback. <i>Applied Physics Letters</i> , 2012 , 101, 231105	3.4	10
42	Chaos Dynamics and Control in Broad-Area Semiconductor Lasers. <i>The Review of Laser Engineering</i> , 2011 , 39, 481-487	0	
41	Application of Random Texture in Cholesteric Liquid Crystal for Security Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 516, 253-259	0.5	7

40	Chaos dynamics in semiconductor lasers with polarization-rotated optical feedback. <i>Optical Review</i> , 2010 , 17, 144-151	0.9	8
39	Chaos synchronization in semiconductor lasers with polarization-rotated optical feedback. <i>Optical Review</i> , 2010 , 17, 467-475	0.9	4
38	Dynamics of Broad-Area Semiconductor Lasers With Short Optical Feedback. <i>IEEE Journal of Quantum Electronics</i> , 2010 , 46, 140-149	2	16
37	Hiding information using a checkered pattern. <i>Optical Review</i> , 2009 , 16, 517-520	0.9	6
36	Observation of multi-path interference in broad-area semiconductor lasers with optical feedback. <i>Optical Review</i> , 2009 , 16, 533-539	0.9	9
35	Numerical Study of Doppler Dynamics in Self-Mixing Semiconductor Lasers. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 742-744	2.2	4
34	Control of Spatio-Temporal Dynamics of Broad-Area Semiconductor Lasers by Strong Optical Injection. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 1051-1053	2.2	20
33	Chaotic dynamics in semiconductor lasers subjected to polarization-rotated optical feedback. <i>Applied Physics Letters</i> , 2008 , 93, 181105	3.4	18
32	Optimization of Binary Hologram Degraded by Periodic Lattice Structure of Liquid-Crystal Device Panel in Real Optical Security Systems. <i>Optical Review</i> , 2007 , 14, 266-270	0.9	0
31	Fast Optimization of Binary Encrypted Hologram Based on Error Correction Method in Optical Security Systems. <i>Optical Review</i> , 2007 , 14, 290-296	0.9	2
30	Chaotic Optical Communication 2005 , 307-333		6
29	Optical Recording by Smectic Layer Rotation in a Ferroelectric Liquid Crystal Device with an Amorphous Si Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2005 , 434, 87/[415]-95/[423]	0.5	1
28	Nonlinear Dynamics, Measurements, and Control in Semiconductor Lasers. <i>The Review of Laser Engineering</i> , 2005 , 33, 157-158	0	
27	Designing of Smectic Layer Alignment by Optical Patterning using Smectic Layer Rotation. <i>Molecular Crystals and Liquid Crystals</i> , 2004 , 409, 243-250	0.5	2
26	Observation of low-frequency fluctuations in vertical-cavity surface-emitting lasers. <i>Optics Letters</i> , 2003 , 28, 896-8	3	16
25	Observation of the synchronization of chaos in mutually injected vertical-cavity surface-emitting semiconductor lasers. <i>Optics Letters</i> , 2003 , 28, 1677-9	3	55
24	Modulation Induced Low-Frequency Fluctuations in Semiconductor Lasers with Optical Feedback and Their Suppression by Synchronous Modulation. <i>Optical Review</i> , 2002 , 9, 234-237	0.9	2
23	Design of Two-Dimensional Optimized Banyan Networks. <i>Optical Review</i> , 2002 , 9, 255-259	0.9	2

22	Synchronization of feedback-induced chaos in semiconductor lasers by optical injection. <i>Physical Review A</i> , 2002 , 65,	2.6	70
21	Chaotic dynamics in semiconductor lasers with optical feedback. <i>Progress in Optics</i> , 2002 , 1-84	3.4	15
20	1.5-GHz message transmission based on synchronization of chaos in semiconductor lasers. <i>Optics Letters</i> , 2002 , 27, 989-91	3	71
19	Practical image encryption and decryption by phase-coding technique for optical security systems. <i>Applied Optics</i> , 2002 , 41, 4848-55	1.7	18
18	Synchronization of Chaotic Oscillations in Mutually Coupled Semiconductor Lasers. <i>Optical Review</i> , 2001 , 8, 351-357	0.9	29
17	Chaos synchronization based on a continuous chaos control method in semiconductor lasers with optical feedback. <i>Physical Review E</i> , 2001 , 63, 066203	2.4	16
16	Experimental synchronization of chaotic oscillations in external-cavity semiconductor lasers. <i>Optics Letters</i> , 2000 , 25, 625-7	3	93
15	Feedback Induced Instability and Chaos in Semiconductor Lasers and Their Applications. <i>Optical Review</i> , 1999 , 6, 1-15	0.9	50
14	Dynamics of Semiconductor Lasers with Optical Feedback from Photorefractive Phase Conjugate Mirror. <i>Optical Review</i> , 1999 , 6, 359-364	0.9	18
13	Relaxation Oscillation Enhancement and Coherence Collapse in Semiconductor Lasers with Optical Feedback. <i>Optical Review</i> , 1999 , 6, 365-371	0.9	9
12	Low-Frequency Fluctuation and Frequency-Locking in Semiconductor Lasers with Long External Cavity Feedback. <i>Optical Review</i> , 1999 , 6, 399-401	0.9	13
11	Optical Digital Fast Fourier Transform System. <i>Optical Review</i> , 1999 , 6, 424-432	0.9	4
10	Experimental synchronization of chaotic oscillations in externally injected semiconductor lasers in a low-frequency fluctuation regime. <i>Optics Letters</i> , 1999 , 24, 1570-2	3	60
9	Experimental Investigation of Stability Enhancement in Semiconductor Lasers with Optical Feedback. <i>Optical Review</i> , 1998 , 5, 280-284	0.9	16
8	Low-frequency fluctuation induced by injection-current modulation in semiconductor lasers with optical feedback. <i>Optics Letters</i> , 1998 , 23, 1369-71	3	42
7	MEASUREMENT METHOD OF BEAM PROFILE ON ROTATING OPTICAL DISK. <i>Journal of the Magnetics Society of Japan</i> , 1996 , 20, S1_381-384		0
6	Controlling dynamical behavior of a semiconductor laser with external optical feedback. <i>Physical Review E</i> , 1995 , 51, R2697-R2700	2.4	55
5	Accessing high-mode oscillations in a delayed optical bistable system. <i>Optics Communications</i> , 1994 , 105, 193-198	2	8

- | | | | |
|---|---|-----|----|
| 4 | Controlling Chaos of a Delayed Optical Bistable System. <i>Optical Review</i> , 1994 , 1, 91-93 | 0.9 | 6 |
| 3 | Experimental control of chaos in a laser-diode interferometer with delayed feedback. <i>Optics Letters</i> , 1994 , 19, 448-50 | 3 | 35 |
| 2 | Regenerative spiking oscillation in a semiconductor laser with a nonlinear delayed feedback. <i>Physical Review A</i> , 1993 , 47, 4392-4399 | 2.6 | 9 |
| 1 | Chaos and Control in Semiconductor Lasers475-499 | | |