

# Christian Otto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/239337/publications.pdf>

Version: 2024-02-01

22  
papers

779  
citations

623734

14  
h-index

794594

19  
g-index

29  
all docs

29  
docs citations

29  
times ranked

744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global economic response to river floods. <i>Nature Climate Change</i> , 2018, 8, 594-598.	18.8	141
2	Grain export restrictions during COVID-19 risk food insecurity in many low- and middle-income countries. <i>Nature Food</i> , 2021, 2, 11-14.	14.0	85
3	Delay-induced dynamics and jitter reduction of passively mode-locked semiconductor lasers subject to optical feedback. <i>New Journal of Physics</i> , 2012, 14, 113033.	2.9	83
4	Modeling loss-propagation in the global supply network: The dynamic agent-based model acclimate. <i>Journal of Economic Dynamics and Control</i> , 2017, 83, 232-269.	1.6	70
5	Modeling quantum dot lasers with optical feedback: sensitivity of bifurcation scenarios. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 829-845.	1.5	58
6	Optically injected quantum dot lasers: impact of nonlinear carrier lifetimes on frequency-locking dynamics. <i>New Journal of Physics</i> , 2012, 14, 053018.	2.9	53
7	COMPLEX DYNAMICS OF SEMICONDUCTOR QUANTUM DOT LASERS SUBJECT TO DELAYED OPTICAL FEEDBACK. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012, 22, 1250246.	1.7	47
8	Integrated perspective on translating biophysical to economic impacts of climate change. <i>Nature Climate Change</i> , 2021, 11, 563-572.	18.8	34
9	Dynamics of Quantum Dot Lasers. <i>Springer Theses</i> , 2014, , .	0.1	31
10	Influence of carrier lifetimes on the dynamical behavior of quantum-dot lasers subject to optical feedback. <i>Physical Review E</i> , 2012, 86, 046201.	2.1	26
11	Climate signals in river flood damages emerge under sound regional disaggregation. <i>Nature Communications</i> , 2021, 12, 2128.	12.8	26
12	The role of storage dynamics in annual wheat prices. <i>Environmental Research Letters</i> , 2017, 12, 054005.	5.2	24
13	Event-based models to understand the scale of the impact of extremes. <i>Nature Energy</i> , 2020, 5, 111-114.	39.5	24
14	Long-term impacts of tropical cyclones and fluvial floods on economic growth – Empirical evidence on transmission channels at different levels of development. <i>World Development</i> , 2021, 144, 105475.	4.9	19
15	Ripple resonance amplifies economic welfare loss from weather extremes. <i>Environmental Research Letters</i> , 2021, 16, 114010.	5.2	15
16	Manipulating coherence resonance in a quantum dot semiconductor laser via electrical pumping. <i>Optics Express</i> , 2014, 22, 13288.	3.4	13
17	Future heat stress to reduce people’s purchasing power. <i>PLoS ONE</i> , 2021, 16, e0251210.	2.5	11
18	Wave-like global economic ripple response to Hurricane Sandy. <i>Environmental Research Letters</i> , 2021, 16, 124049.	5.2	8

#	ARTICLE	IF	CITATIONS
19	Post-Brexit no-trade-deal scenario: Short-term consumer benefit at the expense of long-term economic development. PLoS ONE, 2020, 15, e0237500.	2.5	1
20	Mode-Locked Laser. Springer Theses, 2014, , 191-262.	0.1	1
21	Quantum Dot Laser with External Feedback. Springer Theses, 2014, , 131-188.	0.1	0
22	Quantum Dot Laser Under Optical Injection. Springer Theses, 2014, , 47-130.	0.1	0