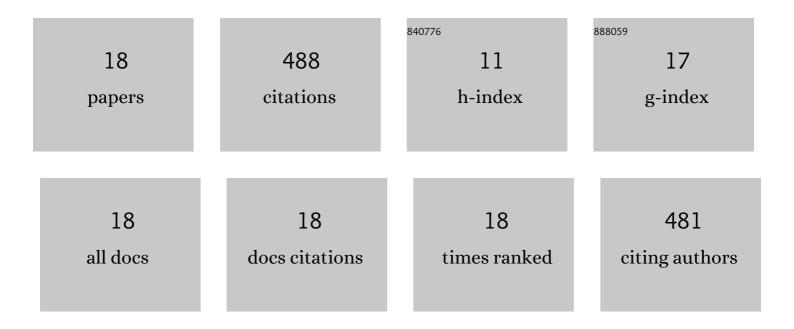
Romain Pierrat

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/755125/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	High-density hyperuniform materials can be transparent. Optica, 2016, 3, 763.	9.3	139
2	Observation of mean path length invariance in light-scattering media. Science, 2017, 358, 765-768.	12.6	64
3	Invariance property of wave scattering through disordered media. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17765-17770.	7.1	50
4	Blind ghost imaging. Optica, 2019, 6, 460.	9.3	46
5	Optimizing Hyperuniformity in Self-Assembled Bidisperse Emulsions. Physical Review Letters, 2017, 119, 208001.	7.8	34
6	Enhanced absorption of waves in stealth hyperuniform disordered media. Optics Express, 2019, 27, 8666.	3.4	32
7	Intensity correlations between reflected and transmitted speckle patterns. Physical Review A, 2015, 92, .	2.5	24
8	Absorption of scalar waves in correlated disordered media and its maximization using stealth hyperuniformity. Physical Review A, 2020, 101, .	2.5	19
9	Universal Statistics of Waves in a Random Time-Varying Medium. Physical Review Letters, 2021, 127, 094101.	7.8	18
10	Mutual Information between Reflected and Transmitted Speckle Images. Physical Review Letters, 2018, 120, 073901.	7.8	15
11	Multiple scattering of polarized light in disordered media exhibiting short-range structural correlations. Physical Review A, 2016, 94, .	2.5	13
12	Transport equation for the time correlation function of scattered field in dynamic turbid media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 2840.	1.5	8
13	Structure and dynamics of multicellular assemblies measured by coherent light scattering. New Journal of Physics, 2017, 19, 073033.	2.9	8
14	The influence of the scattering anisotropy parameter on diffuse reflection of light. Optics Communications, 2008, 281, 18-22.	2.1	7
15	Radiative transfer of acoustic waves in continuous complex media: Beyond the Helmholtz equation. Physical Review E, 2016, 94, 053005.	2.1	7
16	Measuring cell displacements in opaque tissues: dynamic light scattering in the multiple scattering regime. Biomedical Optics Express, 2020, 11, 2277.	2.9	3
17	Propagation of scalar waves in dense disordered media exhibiting short- and long-range correlations. Physical Review E, 2021, 104, 064138.	2.1	1
18	When the Structure Becomes Insignificant: Invariance of the Mean Path Length in Light-Scattering Media. , 2018, , .		0