

# Min Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2384857/publications.pdf>

Version: 2024-02-01

19  
papers

4,348  
citations

535685

17  
h-index

939365

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the barriers: advances in acoustic functional materials. National Science Review, 2018, 5, 159-182.	4.6	153
2	Perspective: Acoustic metamaterials in transition. Journal of Applied Physics, 2018, 123, .	1.1	66
3	An Integration Strategy for Acoustic Metamaterials to Achieve Absorption by Design. Applied Sciences (Switzerland), 2018, 8, 1247.	1.3	25
4	Hybrid membrane resonators for multiple frequency asymmetric absorption and reflection in large waveguide. Applied Physics Letters, 2017, 110, .	1.5	71
5	Optimal sound-absorbing structures. Materials Horizons, 2017, 4, 673-680.	6.4	365
6	Acoustic Coherent Perfect Absorbers as Sensitive Null Detectors. Scientific Reports, 2017, 7, 43574.	1.6	36
7	Sound Absorption Structures: From Porous Media to Acoustic Metamaterials. Annual Review of Materials Research, 2017, 47, 83-114.	4.3	342
8	Optimal sound absorbing structures. Proceedings of Meetings on Acoustics, 2017, , .	0.3	6
9	Membrane-type resonator as an effective miniaturized tuned vibration mass damper. AIP Advances, 2016, 6, .	0.6	28
10	Subwavelength perfect acoustic absorption in membrane-type metamaterials: a geometric perspective. EPJ Applied Metamaterials, 2015, 2, 10.	0.8	20
11	Hybrid resonance and the total absorption of low frequency acoustic waves. , 2015, , .		0
12	Sound absorption by subwavelength membrane structures: A geometric perspective. Comptes Rendus - Mecanique, 2015, 343, 635-644.	2.1	82
13	Subwavelength total acoustic absorption with degenerate resonators. Applied Physics Letters, 2015, 107, .	1.5	212
14	Homogenization scheme for acoustic metamaterials. Physical Review B, 2014, 89, .	1.1	100
15	Acoustic metasurface with hybrid resonances. Nature Materials, 2014, 13, 873-878.	13.3	801
16	Coupled Membranes with Doubly Negative Mass Density and Bulk Modulus. Physical Review Letters, 2013, 110, 134301.	2.9	276
17	Low-frequency narrow-band acoustic filter with large orifice. Applied Physics Letters, 2013, 103, .	1.5	91
18	Dark acoustic metamaterials as super absorbers for low-frequency sound. Nature Communications, 2012, 3, 756.	5.8	835

#	ARTICLE	IF	CITATIONS
19	Membrane-Type Acoustic Metamaterial with Negative Dynamic Mass. Physical Review Letters, 2008, 101, 204301.	2.9	839