

# Jean-Yves Duquesne

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1991528/publications.pdf>

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13  
papers

878  
citations

1040056

9  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1010  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2021 Magnonics Roadmap. Journal of Physics Condensed Matter, 2021, 33, 413001.	1.8	287
2	The 2019 surface acoustic waves roadmap. Journal Physics D: Applied Physics, 2019, 52, 353001.	2.8	236
3	Surface-acoustic-wave-driven ferromagnetic resonance in (Ga,Mn)(As,P) epilayers. Physical Review B, 2014, 90, .	3.2	85
4	Irreversible magnetization switching using surface acoustic waves. Physical Review B, 2013, 87, .	3.2	72
5	Precessional magnetization switching by a surface acoustic wave. Physical Review B, 2016, 93, .	3.2	67
6	Surface-Acoustic-Wave Induced Ferromagnetic Resonance in Fe Thin Films and Magnetic Field Sensing. Physical Review Applied, 2019, 12, .	3.8	35
7	Field-Free Magnetization Switching by an Acoustic Wave. Physical Review Applied, 2019, 11, .	3.8	33
8	Resonant magneto-acoustic switching: influence of Rayleigh wave frequency and wavevector. Journal of Physics Condensed Matter, 2018, 30, 244003.	1.8	24
9	Optical Probing of Rayleigh Wave Driven Magnetoacoustic Resonance. Physical Review Applied, 2018, 10, .	3.8	21
10	Surface acoustic wave triggering of giant magnetocaloric effect in MnAs/GaAs devices. Applied Physics Letters, 2014, 105, 162403.	3.3	7
11	Time- and space-resolved nonlinear magnetoacoustic dynamics. Physical Review B, 2020, 101, .	3.2	7
12	Nonsymmetric spin pumping in a multiferroic heterostructure. Physical Review B, 2020, 102, .	3.2	3
13	Magnetocrystalline and magnetoelastic constants determined by magnetization dynamics under static strain. Journal of Physics Condensed Matter, 2018, 30, 394002.	1.8	1