

# Chuang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1608600/publications.pdf>

Version: 2024-02-01

11  
papers

168  
citations

1478505

6  
h-index

1372567

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11  
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11  
docs citations

11  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric Field-Induced Creation and Directional Motion of Domain Walls and Skyrmion Bubbles. Nano Letters, 2019, 19, 353-361.	9.1	97
2	Evaluation of MC3T3-E1 Cell Osteogenesis in Different Cell Culture Media. International Journal of Molecular Sciences, 2021, 22, 7752.	4.1	21
3	Stress-Induced Domain Wall Motion in FeCo-Based Magnetic Microwires for Realization of Energy Harvesting. Advanced Electronic Materials, 2019, 5, 1800467.	5.1	19
4	Nanoscale modification of magnetic properties for effective domain wall pinning. Journal of Magnetism and Magnetic Materials, 2019, 475, 70-75.	2.3	7
5	Switching domain wall motion on and off using a gate voltage for domain wall transistor applications. Applied Physics Letters, 2018, 113, 232401.	3.3	6
6	Dynamics of Magnetic Skyrmion Clusters Driven by Spin-Polarized Current With a Spatially Varied Polarization. IEEE Magnetics Letters, 2018, 9, 1-5.	1.1	6
7	Nd-Fe-B films with perpendicular magnetic anisotropy and extremely large room temperature coercivity. Journal of Magnetism and Magnetic Materials, 2019, 474, 406-410.	2.3	5
8	Temperature dependence of the microscopic magnetization process of Tb <sub>12</sub> Co <sub>88</sub> using magnetic Compton scattering. Journal of Magnetism and Magnetic Materials, 2019, 484, 207-211.	2.3	4
9	Realization of Energy Harvesting Based on Stress-Induced Modification of Magnetic Domain Structures in Microwires. IEEE Transactions on Magnetics, 2019, 55, 1-7.	2.1	2
10	Magnetic Compton profile evaluation of magnetization process of Tb <sub>x</sub> Co <sub>100-x</sub> films. Materials Research Express, 2017, 4, 106108.	1.6	1
11	Nd-Fe-B Films With Perpendicular Magnetic Anisotropy and Extremely Large Room Temperature Coercivity. , 2018, , .		0