

# F P Missell

## List of Publications by Year in descending order

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29  
papers

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citations

840776

11  
h-index

888059

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30  
docs citations

30  
times ranked

260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of antibody immobilization strategies on the analytical performance of a magneto-elastic immunosensor for Staphylococcus aureus detection. Materials Science and Engineering C, 2017, 76, 1232-1239.	7.3	14
2	Antibody-based magneto-elastic biosensors: potential devices for detection of pathogens and associated toxins. Applied Microbiology and Biotechnology, 2016, 100, 6149-6163.	3.6	24
3	Biocompatibility and degradation of gold-covered magneto-elastic biosensors exposed to cell culture. Colloids and Surfaces B: Biointerfaces, 2016, 143, 111-117.	5.0	9
4	Effect of surface roughness on performance of magnetoelastic biosensors for the detection of Escherichia coli. Materials Science and Engineering C, 2016, 58, 541-547.	7.3	19
5	Preisach analysis of sputtered SmCo thick films. Journal of Applied Physics, 2013, 113, .	2.5	3
6	Magnetization and magnetoresistance in melt-spun Cu <sub>80</sub> Fe <sub>5</sub> Ni <sub>15</sub> . Journal of Applied Physics, 2001, 89, 7296-7298.	2.5	4
7	Magnetic properties and underlayer thickness in SmCo/Cr films. Journal of Applied Physics, 2000, 87, 6965-6967.	2.5	20
8	Site occupancy of Sm in (Nd <sub>1-x</sub> Sm <sub>x</sub> ) <sub>5</sub> (Fe <sub>1-y</sub> Ti <sub>y</sub> ) <sub>17</sub> . Journal of Applied Physics, 2000, 87, 6704-6706.	2.5	4
9	Annealing dependence of giant magnetoresistance in CuFeNi alloys. Journal of Applied Physics, 2000, 87, 4840-4842.	2.5	8
10	Reversible and irreversible magnetization in hybrid magnets. Journal of Applied Physics, 2000, 87, 1387-1394.	2.5	26
11	Magnetic and crystallographic structure of Nd <sub>5</sub> Fe <sub>17</sub> . Journal of Applied Physics, 1999, 85, 5693-5695.	2.5	14
12	Reversible processes and magnetic viscosity of nanocrystalline permanent magnets. Journal of Applied Physics, 1998, 83, 6637-6639.	2.5	8
13	Magnetization processes in hybrid magnets. Journal of Applied Physics, 1998, 83, 7127-7129.	2.5	7
14	Giant magnetoresistance in granular CuFeNi alloys. Journal of Applied Physics, 1998, 83, 7001-7003.	2.5	16
15	Flash annealing and magnetic interactions in Pr <sub>4</sub> Fe <sub>78</sub> B <sub>18</sub> . Journal of Applied Physics, 1997, 81, 4434-4436.	2.5	19
16	Moving Preisach model analysis of nanocrystalline SmFeCo. Journal of Applied Physics, 1997, 81, 5588-5590.	2.5	16
17	Magnetic interactions in nanocrystalline SmFeCo. Journal of Applied Physics, 1996, 79, 6312.	2.5	6
18	Electronic density of states in amorphous Zr-Pd and Zr-Ni alloys. Physical Review B, 1984, 29, 5207-5210.	3.2	10

#	ARTICLE	IF	CITATIONS
19	Electronic density of states in amorphous zirconium alloys. Physical Review B, 1983, 27, 1596-1604.	3.2	20
20	Pressure dependence of the phase diagram of metamagnetic Ni(NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O. Journal of Applied Physics, 1982, 53, 7945-7947.	2.5	3
21	Temperature dependence of the elastic constants of NiSO <sub>4</sub> ·6H <sub>2</sub> O. Journal of Chemical Physics, 1982, 77, 939-942.	3.0	7
22	Ultrasonic velocity in the mixed state of V-42 at.% Ti. Journal of Physics F: Metal Physics, 1980, 10, 1213-1222.	1.6	0
23	Ultrasonic velocity in the mixed state of Nb-26-at.% Hf. Physical Review B, 1979, 19, 1322-1325.	3.2	3
24	Ultrasonic attenuation in the mixed state of V-42 at % Ti. Journal of Low Temperature Physics, 1979, 37, 257-268.	1.4	1
25	Strain dependence of the Fermi surface in cadmium and rhenium from ultrasonic velocity oscillations. Physical Review B, 1978, 17, 4633-4639.	3.2	9
26	Magnetization along Principal Directions of TmSe at High Hydrostatic Pressures. , 1977, , 275-287.		4
27	Magnetoacoustic attenuation in the mixed state of Nb-26-at.% Hf. Physical Review B, 1976, 14, 2255-2266.	3.2	10
28	Pressure Dependence of the Magnetic Properties of Mixed-Valence TmSe. Physical Review Letters, 1976, 37, 529-532.	7.8	44
29	A simplified system for pulse superposition velocity measurements at high pulse repetition rates. Journal of Physics E: Scientific Instruments, 1975, 8, 905-906.	0.7	3