

# Alex Panchula

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11436839/publications.pdf>

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7  
papers

3,629  
citations

1464605

7  
h-index

1905433

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

3753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-transfer torque switching in magnetic tunnel junctions and spin-transfer torque random access memory. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 165209.	0.7	363
2	Spin transfer switching in dual MgO magnetic tunnel junctions. <i>Applied Physics Letters</i> , 2007, 90, 132508.	1.5	150
3	Structure, Materials and Shape Optimization of Magnetic Tunnel Junction Devices: Spin-Transfer Switching Current Reduction for Future Magnetoresistive Random Access Memory Application. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 3835-3841.	0.8	30
4	Spin-transfer switching in MgO magnetic tunnel junction nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 304, 88-92.	1.0	23
5	Spin-transfer switching in MgO-based magnetic tunnel junctions (invited). <i>Journal of Applied Physics</i> , 2006, 99, 08G510.	1.1	47
6	Spin transfer switching and spin polarization in magnetic tunnel junctions with MgO and AlOx barriers. <i>Applied Physics Letters</i> , 2005, 87, 232502.	1.5	196
7	Giant tunnelling magnetoresistance at room temperature with MgO (100) tunnel barriers. <i>Nature Materials</i> , 2004, 3, 862-867.	13.3	2,820