

# Jonathan R Skuza

## List of Publications by Year in descending order

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21  
papers

676  
citations

623734

14  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-magnetoplasmon nonreciprocity effects in noble-metal/ferromagnetic heterostructures. <i>Physical Review B</i> , 2007, 76, .	3.2	158
2	Extreme tunability in aluminum doped Zinc Oxide plasmonic materials for near-infrared applications. <i>Scientific Reports</i> , 2014, 4, 6415.	3.3	93
3	Magnetic field modulation of intense surface plasmon polaritons. <i>Optics Express</i> , 2010, 18, 7743.	3.4	62
4	Magnetic-field modulation of surface plasmon polaritons on gratings. <i>Optics Letters</i> , 2010, 35, 1557.	3.3	55
5	Synthesis of non-isocyanate polyurethanes and their application in radiation-curable aerospace coatings. <i>Progress in Organic Coatings</i> , 2020, 138, 105394.	3.9	41
6	Surface plasmon resonance and magneto-optical enhancement on Au-Co nanocomposite thin films. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	37
7	Microstructural, Magnetic Anisotropy, and Magnetic Domain Structure Correlations in Epitaxial FePd Thin Films With Perpendicular Magnetic Anisotropy. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 1886-1889.	2.1	35
8	Electro-thermal control of aluminum-doped zinc oxide/vanadium dioxide multilayered thin films for smart-device applications. <i>Scientific Reports</i> , 2016, 6, 21040.	3.3	30
9	CdS thin films formed on flexible plastic substrates by pulsed-laser deposition. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 196221.	1.8	28
10	Transparent and flexible heaters based on Al:ZnO degenerate semiconductor. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	18
11	Optimizing the planar structure of (100) Au/Co/Au trilayers. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 2699-2704.	2.8	16
12	Sapphire substrate-induced effects in VO <sub>2</sub> thin films grown by oxygen plasma-assisted pulsed laser deposition. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	16
13	Niobium thin film deposition studies on copper surfaces for superconducting radio frequency cavity applications. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2012, 15, .	1.8	15
14	Control of the perpendicular magnetic anisotropy of FePd films via Pd capping deposition. <i>Applied Physics Letters</i> , 2008, 92, 162502.	3.3	14
15	Strain Effects on the Crystal Growth and Superconducting Properties of Epitaxial Niobium Ultrathin Films. <i>Crystal Growth and Design</i> , 2012, 12, 2588-2593.	3.0	13
16	Enhancement of induced V polarization due to rough interfaces in polycrystalline V/Fe/V trilayers. <i>Physical Review B</i> , 2009, 80, .	3.2	11
17	Effects of dielectric thickness on optical behavior and tunability of one-dimensional Ag/SiO <sub>2</sub> multilayered metamaterials. <i>Optics Express</i> , 2014, 22, 12486.	3.4	10
18	Real time structural modification of epitaxial FePt thin films under x-ray rapid thermal annealing using undulator radiation. <i>Applied Physics Letters</i> , 2007, 90, 251901.	3.3	7

#	ARTICLE	IF	CITATIONS
19	NbN thin films for superconducting radio frequency cavities. Superconductor Science and Technology, 2012, 25, 125016.	3.5	7
20	Order and phase nucleation in nonequilibrium nanocomposite Fe-Pt thin films with perpendicular magnetic anisotropy. Physical Review B, 2009, 79, .	3.2	6
21	Spectroscopic studies of dye-doped porous alumina membranes. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1785.	2.1	4