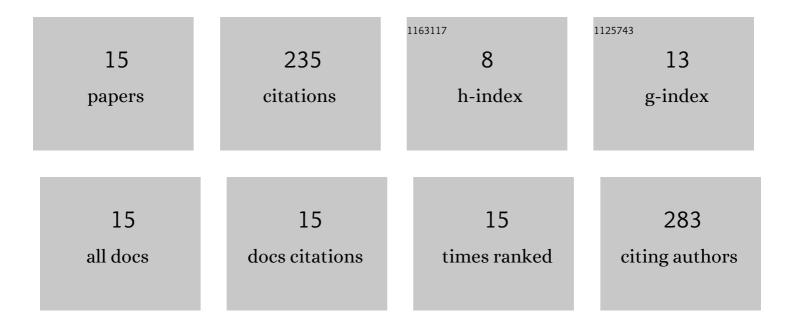
Henning Moldenhauer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Porous purple glass – a cobalt imidazolate glass with accessible porosity from a meltable cobalt imidazolate framework. Journal of Materials Chemistry A, 2019, 7, 985-990.	10.3	109
2	Influence of the bias-voltage, the argon pressure and the heating power on the structure and the tribological properties of HiPIMS sputtered MoSx films. Surface and Coatings Technology, 2020, 385, 125358.	4.8	18
3	Effect of the bias voltage on the structural and tribo-mechanical properties of Ag-containing amorphous carbon films. Diamond and Related Materials, 2020, 105, 107803.	3.9	17
4	Interaction effects of cathode power, bias voltage, and mid-frequency on the structural and mechanical properties of sputtered amorphous carbon films. Applied Surface Science, 2019, 487, 857-867.	6.1	16
5	Raman scattering study of micrometer-sized spots of magnetite and hematite formed at 18CrNiMo7-6 screw rotor surfaces due to liquid-free, unsynchronized operation. IOP Conference Series: Materials Science and Engineering, 0, 425, 012016.	0.6	13
6	Improved adhesion of a-C and a-C:H films with a CrC interlayer on 16MnCr5 by HiPIMS-pretreatment. Surface and Coatings Technology, 2019, 375, 877-887.	4.8	13
7	Resonant Raman scattering characterization of thermally annealed HiPIMS deposited MoS coatings. Surface and Coatings Technology, 2019, 377, 124891.	4.8	10
8	Investigation of the Tribofilm Formation of HiPIMS Sputtered MoSx Thin Films in Different Environments by Raman Scattering. Lubricants, 2019, 7, 100.	2.9	9
9	Effects of acetylene flow rate and bias voltage on the structural and tribo-mechanical properties of sputtered a-C:H films. Thin Solid Films, 2020, 693, 137691.	1.8	8
10	Tribological properties of laser-generated hard ceramic particles in a gear drive contact. Applied Surface Science, 2019, 467-468, 811-818.	6.1	7
11	remperature-dependent tribological behavior of NoS <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e217" altimg="si2.svg"><mml:msub><mml:mrow ><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:mrow </mml:msub> thin films synthesized by</mml:math 	5.9	7
12	Controlling the Structural, Mechanical and Frictional Properties of MoSx Coatings by High-Power Impulse Magnetron Sputtering. Coatings, 2020, 10, 755.	2.6	6
13	Nitrogen doping of MoSx thin films sputtered by reactive High Power Impulse Magnetron Sputtering. Thin Solid Films, 2020, 713, 138267.	1.8	1
14	Silicon- and tungsten-containing hydrogen-free and hydrogenated amorphous carbon films for friction-reducing applications. Diamond and Related Materials, 2022, 123, 108866.	3.9	1
15	Asymmetric spin transitions of nonthermalized Mn2+ ions in (Zn,Mn)Se-based quantum wells. Physical Review B, 2020, 101, .	3.2	0