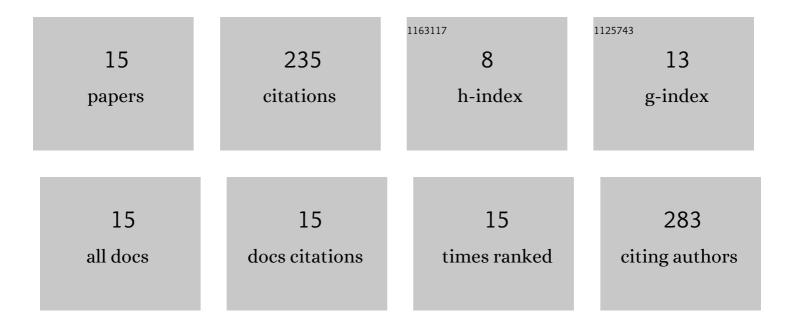
Henning Moldenhauer

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 |