

Lothar Schäfer

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

332
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-photon excited LIF determination of H-atom concentrations near a heated filament in a low pressure H ₂ environment. Applied Optics, 1990, 29, 4993.	2.1	86
2	The versatility of hot-filament activated chemical vapor deposition. Thin Solid Films, 2006, 515, 1017-1024.	1.8	65
3	Chemical vapour deposition diamond coated microtools for grinding, milling and drilling. Diamond and Related Materials, 2000, 9, 921-924.	3.9	43
4	Development of diamond films for particle detector applications. Diamond and Related Materials, 1998, 7, 1553-1557.	3.9	42
5	Micro abrasive pencils with CVD diamond coating. Diamond and Related Materials, 2003, 12, 707-710.	3.9	38
6	Simulation of linear magnetron discharges in 2D and 3D. Surface and Coatings Technology, 2014, 260, 411-416.	4.8	36
7	In-line deposition of silicon-based films by hot-wire chemical vapor deposition. Surface and Coatings Technology, 2013, 215, 141-147.	4.8	7
8	Modeling of gas flow and deposition profile in HWCVD processes. Thin Solid Films, 2015, 595, 266-271.	1.8	6
9	Heuristic modeling of the doping efficiency in sputtered TCO layers. Surface and Coatings Technology, 2015, 267, 81-89.	4.8	4
10	Investigations of suitable hard coatings on nickel-based single-crystal superalloy (CMSX [®] 4). Surface and Coatings Technology, 2012, 207, 300-304.	4.8	0
11	Strategy for silicon based hot-wire chemical vapor deposition without wire silicide formation. Thin Solid Films, 2015, 575, 38-41.	1.8	0