

# Christophe Collard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7815839/publications.pdf>

Version: 2024-02-01

10  
papers

151  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite element and experimental structural analysis of endodontic rotary file made of Cu-based single crystal SMA considering a micromechanical behavior model. International Journal of Solids and Structures, 2021, 221, 180-196.	2.7	4
2	Spark plasma sintering microscopic mechanisms of metallic systems: Experiments and simulations. Journal of the American Ceramic Society, 2019, 102, 654-661.	3.8	8
3	Theoretical and experimental investigations of local overheating at particle contacts in spark plasma sintering. Powder Technology, 2017, 321, 458-470.	4.2	36
4	Simulation of the effect of elastic precipitates in SMA materials based on a micromechanical model. Composites Part B: Engineering, 2012, 43, 2560-2576.	12.0	19
5	Coupling between measured kinematic fields and multicrystal SMA finite element calculations. Mechanics of Materials, 2010, 42, 72-95.	3.2	35
6	Role of discrete intra-granular slip bands on the strain-hardening of polycrystals. International Journal of Plasticity, 2010, 26, 310-328.	8.8	21
7	Dialogue entre exp�rience et simulation num�rique pour un multicristal en alliage � m�moire de forme. Mecanique Et Industries, 2009, 10, 267-273.	0.2	0
8	Coupling between experiment and numerical simulation of shape memory alloy multicrystal. , 2009, , .		1
9	Micromechanical analysis of precipitate effects on shape memory alloys behaviour. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 366-370.	5.6	18
10	Asymptotic Analysis of the Stresses in Thin Elastic Shells. Archive for Rational Mechanics and Analysis, 1999, 148, 233-264.	2.4	6