

# Marion Bechtold

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9460715/publications.pdf>

Version: 2024-02-01

10  
papers

2,942  
citations

1040056

9  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

2096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Boron on transformation behavior during continuous cooling of low alloyed steels. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 584, 32-40.	5.6	24
2	Microstructure Control during Fabrication of Ultrafine Grained Dual-phase Steel: Characterization and Effect of Intercritical Annealing Parameters. <i>ISIJ International</i> , 2012, 52, 874-883.	1.4	65
3	Experimental and numerical study on geometrically necessary dislocations and non-homogeneous mechanical properties of the ferrite phase in dual phase steels. <i>Acta Materialia</i> , 2011, 59, 4387-4394.	7.9	325
4	Deformation and fracture mechanisms in fine- and ultrafine-grained ferrite/martensite dual-phase steels and the effect of aging. <i>Acta Materialia</i> , 2011, 59, 658-670.	7.9	618
5	Effect of grain refinement to $1\frac{1}{4}\mu\text{m}$ on strength and toughness of dual-phase steels. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 7832-7840.	5.6	294
6	Orientation gradients and geometrically necessary dislocations in ultrafine grained dual-phase steels studied by 2D and 3D EBSD. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 2738-2746.	5.6	1,482
7	Ultrafine Grained Ferrite/Martensite Dual Phase Steel Fabricated by Large Strain Warm Deformation and Subsequent Intercritical Annealing. <i>ISIJ International</i> , 2008, 48, 1096-1101.	1.4	66
8	Shift of the eutectoid point in the Fe-C binary system by a high magnetic field. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 6501-6506.	2.8	27
9	New insights into crystallographic correlations between ferrite and cementite in lamellar eutectoid structures, obtained by SEM-FEG/EBSD and an indirect two-trace method. <i>Journal of Applied Crystallography</i> , 2007, 40, 849-856.	4.5	41
10	On the Correlation between Microstructure Homogeneity and Formability in Two Multi Phase Steels Treated with Different Cooling Strategies. <i>Materials Science Forum</i> , 0, 854, 22-28.	0.3	0