

# Baoye Wu

## List of Publications by Year in descending order

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13  
papers

184  
citations

1163117

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1199594

12  
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13  
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13  
docs citations

13  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of parameters on picosecond laser ablation of Cr12MoV cold work mold steel. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	9
2	Effect of laser absorption on picosecond laser ablation of Cr12MoV mold steel, 9Cr18 stainless steel and H13A cemented carbide. Optics and Laser Technology, 2018, 101, 11-20.	4.6	19
3	A flexible multi-focus laser separation technology for thick glass. International Journal of Machine Tools and Manufacture, 2018, 135, 12-23.	13.4	19
4	A study on laser multi-focus separation technology of thick KDP crystal. International Journal of Machine Tools and Manufacture, 2017, 118-119, 26-36.	13.4	14
5	Effects of picosecond laser repetition rate on ablation of Cr12MoV cold work mold steel. Applied Surface Science, 2017, 409, 403-412.	6.1	19
6	A simulation study of dual laser beam separation technology for thick transparent inorganic materials. Materials and Design, 2017, 132, 467-478.	7.0	4
7	Investigation of processing parameters for three-dimensional laser ablation based on Taguchi method. International Journal of Advanced Manufacturing Technology, 2017, 93, 2963-2974.	3.0	9
8	Study of laser precision ablating texture patterns on large-scale freeform surface. International Journal of Advanced Manufacturing Technology, 2017, 92, 4571-4581.	3.0	24
9	Study on laser multi-focus separation technology for thick KDP crystal. , 2017, , .		0
10	Study on picosecond pulse laser ablation of Cr12MoV cold work mold steel. Materials and Design, 2016, 110, 549-557.	7.0	22
11	Numerical simulation of laser focusing properties inside birefringent crystal. Applied Optics, 2016, 55, 853.	2.1	7
12	Analysis of ion doping profiles in Yb-doped fiber preforms using laser-induced breakdown spectroscopy. Journal of Analytical Atomic Spectrometry, 2016, 31, 492-496.	3.0	6
13	Study on mechanics and key technologies of laser nondestructive mirror-separation for KDP crystal. International Journal of Machine Tools and Manufacture, 2015, 94, 26-36.	13.4	32