Pierre Sallamand

List of Publications by Year
in descending order

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17	340	1040056	1199594
papers	citations	9	12
		h-index	g-index

17	17	17	341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnesium alloys laser (Nd:YAG) cladding and alloying with side injection of aluminium powder. Applied Surface Science, 2004, 225, 124-134.	6.1	107
2	Study of magnesium and aluminum alloys absorption coefficient during Nd:YAG laser interaction. Applied Surface Science, 2007, 253, 3208-3214.	6.1	48
3	Magnesium alloys (WE43 and ZE41) characterisation for laser applications. Applied Surface Science, 2004, 233, 382-391.	6.1	32
4	Generation and characterization of T40/A5754 interfaces with lasers. Journal of Materials Processing Technology, 2014, 214, 1946-1953.	6.3	30
5	The numerical simulation of heat transfer during a hybrid laserâ€“MIG welding using equivalent heat source approach. Optics and Laser Technology, 2014, 56, 334-342.	4.6	27
6	Gas protection optimization during Nd:YAG laser welding. Optics and Laser Technology, 2005, 37, 647-651.	4.6	24
7	Improvement of flame spraying PEEK coating characteristics using lasers. Journal of Materials Processing Technology, 2011, 211, 12-23.	6.3	19
8	MoSi2 laser claddingâ€”elaboration, characterisation and addition of non-stabilized ZrO2 powder particles. Intermetallics, 2003, 11, 931-938.	3.9	14
9	Optimisation of refractory coatings realised with cored wire addition using a high-power diode laser. Surface and Coatings Technology, 2005, 200, 2283-2292.	4.8	12
10	MoSi2 laser claddingâ€”A new experimental procedure: double-sided injection of MoSi2 and ZrO2. Surface and Coatings Technology, 2003, 172, 233-241.	4.8	8
11	Determination of an empirical law of aluminium and magnesium alloys absorption coefficient during Ndâ€‰:â€‰YAG laser interaction. Journal Physics D: Applied Physics, 2007, 40, 2096-2101.	2.8	8
12	3D digitization of metallic specular surfaces using scanning from heating approach. , 2011, , .		6
13	Laser densification of organic coating: Effects of laser wavelength, operating parameters and substrate properties. Surface and Coatings Technology, 2012, 206, 3526-3533.	4.8	4
14	Magnesium alloys laser (Nd:YAG) cladding with side injection of aluminium based powder. , 2004, , .		1
15	The three-dimensions reconstruction of laser heat treatment temperature field. , 2005, 5627, 192.		0
16	Mono-and multi-layer magnesium alloys laser (Nd:YAG) cladding using aluminum based powders. , 2005, , .		0
17	Experimental study of magnesium and aluminium alloys absorption and keyhole evolution during laser interaction Nd:YAG interaction. , 2006, , .		0