

# Mateus Barancelli Schwedersky

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4567858/publications.pdf>

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14  
papers

125  
citations

1307366

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1372474

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	TIG welding process with dynamic feeding: a characterization approach. International Journal of Advanced Manufacturing Technology, 2018, 96, 4467-4475.	1.5	24
2	Assessing the effects of solid wire electrode extension (stick out) increase in MIG/MAG welding. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	0.8	13
3	Performing higher speeds with dynamic feeding gas tungsten arc welding (GTAW) for pipeline applications. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	0.8	13
4	Soldagem TIG de elevada produtividade: influência dos gases de proteção na velocidade limite para formação de defeitos. Soldagem E Inspecao, 2011, 16, 333-340.	0.6	11
5	Design of a wire measurement system for dynamic feeding TIG welding using instantaneous angular speed. International Journal of Advanced Manufacturing Technology, 2019, 101, 1651-1660.	1.5	11
6	Evaluation of toptig technology applied to robotic orbital welding of 304L pipes. International Journal of Pressure Vessels and Piping, 2020, 188, 104229.	1.2	10
7	Evaluation of thermal and geometric properties of martensitic stainless steel thin walls built by additive manufacturing cold metal transfer (CMT) processes. International Journal of Advanced Manufacturing Technology, 2022, 120, 2151-2165.	1.5	10
8	Uma Análise Comparativa entre Diferentes Versões de Variantes Modernas do Processo MIG/MAG para o Passe de Raiz em Soldagem Orbital. Soldagem E Inspecao, 2017, 22, 442-452.	0.6	9
9	Arc characteristic evaluation of the double-electrode GTAW process using high current values. International Journal of Advanced Manufacturing Technology, 2018, 98, 929-936.	1.5	9
10	A comparison between LBW and hybrid laser-GMAW processes based on microstructure and weld geometry for hardenable steels. International Journal of Advanced Manufacturing Technology, 2020, 110, 2801-2814.	1.5	6
11	Electric evaluation of hybrid laser-TIG welding: Interaction between arc and laser plume. Journal of Laser Applications, 2020, 32, 022035.	0.8	4
12	Switch back technique enhances the productivity of the TIG welding process. Welding in the World, Le Soudage Dans Le Monde, 2017, 61, 971-977.	1.3	2
13	Limitations of the Schlieren technique for shielding gas flow visualization in arc welding processes. Welding in the World, Le Soudage Dans Le Monde, 2021, 65, 1097-1105.	1.3	2
14	A New Interpretative Basis for the High Performance GMAW Process. Soldagem E Inspecao, 0, 26, .	0.6	1