

Yosuke Ogino

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Numerical simulation of GMAW process using Ar and an Ar+CO ₂ gas mixture. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2016, 60, 345-353.	2.5	72
2	Numerical simulation of WAAM process by a GMAW weld pool model. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2018, 62, 393-401.	2.5	68
3	Numerical simulation of metal transfer in argon gas-shielded GMAW. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2015, 59, 465-473.	2.5	37
4	Numerical analysis of the heat source characteristics of a two-electrode TIG arc. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 215202.	2.8	36
5	Numerical simulation of metal transfer in pulsed-MIG welding. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2017, 61, 1289-1296.	2.5	23
6	Discussion of the Effect of Shielding Gas and Conductivity of Vapor Core on Metal Transfer Phenomena in Gas Metal Arc Welding by Numerical Simulation. <i>Plasma Chemistry and Plasma Processing</i> , 2020, 40, 1109-1126.	2.4	20
7	Recent Progresses of Welding and Joining Engineering. <i>Yosetsu Gakkai Shi/Journal of the Japan Welding Society</i> , 2020, 89, 322-335.	0.1	14
8	Numerical analysis of arc plasma and weld pool formation by a tandem TIG arc. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2013, 57, 411.	2.5	12
9	Numerical model of weld pool phenomena with various joint geometries and welding positions. <i>Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society</i> , 2017, 35, 13-20.	0.5	11
10	Numerical simulation of free-flight transfer by a 3D metal transfer model. <i>Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society</i> , 2018, 36, 94-103.	0.5	10
11	Numerical analysis of arc plasma behaviour in groove welding with 3D TIG arc model. <i>Welding International</i> , 2013, 27, 867-873.	0.7	8
12	Heat Input and Pressure Distribution of Tig Arc on Groove Surface. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2011, 55, 107-113.	2.5	7
13	Numerical simulation of arc plasma and molten metal behavior in gas metal arc welding process. <i>Journal of Fluid Science and Technology</i> , 2018, 13, JFST0026-JFST0026.	0.6	6
14	Direct observation and numerical simulation of molten metal and molten slag behavior in electroslag welding process. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2020, 64, 1897-1904.	2.5	6
15	Study on welding phenomena observation method based on arc and moltenpool light emission characteristics in visible and infrared wavelength region. <i>Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society</i> , 2020, 38, 103-113.	0.5	6
16	Numerical study of the influence of gap between plates on weld pool formation in arc spot welding process. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2018, 62, 1021-1030.	2.5	5
17	MAG Welding Phenomena with Titania-Based Flux Cored Wire in Vertical Upward Position. <i>Journal of Smart Processing</i> , 2016, 5, 95-100.	0.1	4
18	Numerical simulation of dynamic behavior in controlled short-circuit transfer process. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2020, 64, 353-364.	2.5	4

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19	Numerical simulation of GMA metal transfer phenomena including arc plasma. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2015, 33, 1-12.	0.5	4
20	Fundamental Study on On-line Image Sensing Technology of Arc Welding. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2019, 37, 108-114.	0.5	4
21	Numerical simulation of GMA short-circuiting transfer process by control of welding current and wire feed. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2016, 34, 50-56.	0.5	3
22	Three-dimensional numerical model of short-circuiting transfer in GMAW. Welding in the World, Le Soudage Dans Le Monde, 2020, 64, 2011-2017.	2.5	3
23	Visualization of arc plasma and molten wire behavior in CO ₂ arc welding process by three-dimensional numerical simulation. Welding in the World, Le Soudage Dans Le Monde, 2020, 64, 1789-1797.	2.5	3
24	A unified numerical model of MIG welding process. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2016, 34, 35-41.	0.5	3
25	Numerical simulation of weld pool formation in submerged arc welding process. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2020, 38, 355-362.	0.5	3
26	Observation of welding phenomena with blowholes for detection of welding defects. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2020, 38, 173-182.	0.5	3
27	Numerical Simulation of GMAW Process from the Heat Source to the Weld Pool Formation. Materials Science Forum, 2018, 941, 674-678.	0.3	2
28	Study on the On-line Support System for Welder. Lecture Notes in Mechanical Engineering, 2020, , 89-95.	0.4	2
29	Development of a Supporting System of Pass Design in Multi-pass Welding Based on GMAW Weld Pool Simulation. Lecture Notes in Mechanical Engineering, 2020, , 96-101.	0.4	1
30	Numerical simulation of liquid bridge breakup in short-circuit transfer process. Welding in the World, Le Soudage Dans Le Monde, 0, , 1.	2.5	1
31	Weld pool simulation model of FCAW process using TiO ₂ based flux cored wire. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2021, 39, 291-300.	0.5	1
32	Development of a simulation model of the manual gas tungsten arc welding process and visualization of the welder's skill. Welding in the World, Le Soudage Dans Le Monde, 0, , 1.	2.5	1
33	Numerical Simulation of Wire+arc Additive Manufacturing Process by GMAW Weld Pool Model. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2021, 90, 98-101.	0.1	0
34	Non-equilibrium modeling of arc plasmas in the gas-metal arc welding process. Journal Physics D: Applied Physics, 2021, 54, 325204.	2.8	0
35	Development of Numerical Models of the Weld Pool and the Heat Source in Gas Metal Arc Welding. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2017, 86, 32-37.	0.1	0
36	Development of Prediction Technique of Weld Pool Formation with Heat Source Model. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2017, 86, 27-31.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Study on welding phenomena observation method based on arc and molten pool light emission characteristics in visible and infrared wavelength region “ development of image sensing technology for in-process welding monitoring technology. <i>Welding International</i> , 2019, 33, 83-95.	0.7	0
38	Fundamental study on on-line image sensing technology of arc welding “ development of in-process quality control technology of arc welding. <i>Welding International</i> , 2019, 33, 109-118.	0.7	0
39	Activity Reports of “Establishment of Global Network for Young Engineers and Researchers in the Welding and Joining Fields”at 2019. <i>Yosetsu Gakkai Shi/Journal of the Japan Welding Society</i> , 2020, 89, 390-390.	0.1	0
40	Numerical study of the effects of short-circuiting current on a controlled short-circuit transfer process. <i>Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society</i> , 2020, 38, 392-402.	0.5	0
41	Message for Young Engineers with Hot Aspiration in Welding. <i>Yosetsu Gakkai Shi/Journal of the Japan Welding Society</i> , 2020, 89, 195-202.	0.1	0
42	In-process monitoring of weld quality in thin plate lap welding by using image sensing. <i>Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society</i> , 2020, 38, 114-124.	0.5	0
43	Study on practical application for in-process blowholes detection technology. <i>Welding International</i> , 0, , 1-15.	0.7	0