

Yosuke Ogino

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

383
citations

1040056

9
h-index

839539

18
g-index

43
all docs

43
docs citations

43
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Non-equilibrium modeling of arc plasmas in the gas-metal arc welding process. Journal Physics D: Applied Physics, 2021, 54, 325204.	2.8	0
3	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
4	Numerical simulation of dynamic behavior in controlled short-circuit transfer process. Welding in the World, Le Soudage Dans Le Monde, 2020, 64, 353-364.	2.5	4
5	Discussion of the Effect of Shielding Gas and Conductivity of Vapor Core on Metal Transfer Phenomena in Gas Metal Arc Welding by Numerical Simulation. Plasma Chemistry and Plasma Processing, 2020, 40, 1109-1126.	2.4	20
6	Direct observation and numerical simulation of molten metal and molten slag behavior in electroslag welding process. Welding in the World, Le Soudage Dans Le Monde, 2020, 64, 1897-1904.	2.5	6
7	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
8	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
9	Recent Progresses of Welding and Joining Engineering. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2020, 89, 322-335.	0.1	14
10	Study on the On-line Support System for Welder. Lecture Notes in Mechanical Engineering, 2020, , 89-95.	0.4	2
11	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
12	Activity Reports of "Establishment of Global Network for Young Engineers and Researchers in the Welding and Joining Fields" at 2019. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2020, 89, 390-390.	0.1	0
13	Numerical study of the effects of short-circuiting current on a controlled short-circuit transfer process. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2020, 38, 392-402.	0.5	0
14	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
15	Message for Young Engineers with Hot Aspiration in Welding. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2020, 89, 195-202.	0.1	0
16	Study on welding phenomena observation method based on arc and molten pool light emission characteristics in visible and infrared wavelength region. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2020, 38, 103-113.	0.5	6
17	In-process monitoring of weld quality in thin plate lap welding by using image sensing. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2020, 38, 114-124.	0.5	0
18	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

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19	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
20	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. Welding International, 2019, 33, 83-95.	0.7	0
21	Fundamental study on on-line image sensing technology of arc welding “ development of in-process quality control technology of arc welding. Welding International, 2019, 33, 109-118.	0.7	0
22	Numerical simulation of WAAM process by a GMAW weld pool model. Welding in the World, Le Soudage Dans Le Monde, 2018, 62, 393-401.	2.5	68
23	Numerical simulation of arc plasma and molten metal behavior in gas metal arc welding process. Journal of Fluid Science and Technology, 2018, 13, JFST0026-JFST0026.	0.6	6
24	Numerical Simulation of GMAW Process from the Heat Source to the Weld Pool Formation. Materials Science Forum, 2018, 941, 674-678.	0.3	2
25	Numerical simulation of free-flight transfer by a 3D metal transfer model. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2018, 36, 94-103.	0.5	10
26	Numerical study of the influence of gap between plates on weld pool formation in arc spot welding process. Welding in the World, Le Soudage Dans Le Monde, 2018, 62, 1021-1030.	2.5	5
27	Numerical simulation of metal transfer in pulsed-MIG welding. Welding in the World, Le Soudage Dans Le Monde, 2017, 61, 1289-1296.	2.5	23
28	Numerical model of weld pool phenomena with various joint geometries and welding positions. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2017, 35, 13-20.	0.5	11
29	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
30	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
31	MAG Welding Phenomena with Titania-Based Flux Cored Wire in Vertical Upward Position. Journal of Smart Processing, 2016, 5, 95-100.	0.1	4
32	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
33	Numerical simulation of GMAW process using Ar and an Ar“CO ₂ gas mixture. Welding in the World, Le Soudage Dans Le Monde, 2016, 60, 345-353.	2.5	72
34	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
35	Numerical simulation of metal transfer in argon gas-shielded GMAW. Welding in the World, Le Soudage Dans Le Monde, 2015, 59, 465-473.	2.5	37
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	Numerical simulation of liquid bridge breakup in short-circuit transfer process. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 0, , 1.	2.5	1
42	Study on practical application for in-process blowholes detection technology. <i>Welding International</i> , 0, , 1-15.	0.7	0
43	Development of a simulation model of the manual gas tungsten arc welding process and visualization of the welder's skill. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 0, , 1.	2.5	1