Deok Won Kim

List of Publications by Year
in descending order

30 papers	596 citations	687220 13 h-index	610775 24 g-index
30 all docs	30 docs citations	30 times ranked	879 citing authors

#	Article	IF	Citations
1	The possibility of the combination of OCT and fundus images for improving the diagnostic accuracy of deep learning for age-related macular degeneration: a preliminary experiment. Medical and Biological Engineering and Computing, 2019, 57, 677-687.	1.6	97
2	Ten-year prediction of suicide death using Cox regression and machine learning in a nationwide retrospective cohort study in South Korea. Journal of Affective Disorders, 2018, 231, 8-14.	2.0	59
3	Risk factors of suicide attempt among people with suicidal ideation in South Korea: a cross-sectional study. BMC Public Health, 2017, 17, 579.	1.2	52
4	Increased fragility fracture risk in Korean women who snore: a 10-year population-based prospective cohort study. BMC Musculoskeletal Disorders, 2017, 18, 236.	0.8	11
5	Simple Scoring System and Artificial Neural Network for Knee Osteoarthritis Risk Prediction: A Cross-Sectional Study. PLoS ONE, 2016, 11, e0148724.	1.1	51
6	ATLS Hypovolemic Shock Classification by Prediction of Blood Loss in Rats Using Regression Models. Shock, 2016, 46, 92-98.	1.0	7
7	Patient exposure to extremely low‐frequency magnetic fields during laparoscopic and robotic surgeries. International Journal of Medical Robotics and Computer Assisted Surgery, 2016, 12, 320-325.	1.2	0
8	Exposure of Surgeons to Magnetic Fields during Laparoscopic and Robotic Gynecologic Surgeries. Journal of Minimally Invasive Gynecology, 2015, 22, 1247-1251.	0.3	0
9	Parathyroid Hormone, Calcium, and Sodium Bridging Between Osteoporosis and Hypertension in Postmenopausal Korean Women. Calcified Tissue International, 2015, 96, 417-429.	1.5	14
10	Screening for Prediabetes Using Machine Learning Models. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-8.	0.7	66
11	Effects of short-term radiation emitted by WCDMA mobile phones on teenagers and adults. BMC Public Health, 2014, 14, 438.	1.2	26
12	Mortality prediction of rats in acute hemorrhagic shock using machine learning techniques. Medical and Biological Engineering and Computing, 2013, 51, 1059-1067.	1.6	23
13	Osteoporosis Risk Prediction for Bone Mineral Density Assessment of Postmenopausal Women Using Machine Learning. Yonsei Medical Journal, 2013, 54, 1321.	0.9	56
14	Origins of electromagnetic hypersensitivity to 60‰Hz magnetic fields: A provocation study. Bioelectromagnetics, 2012, 33, 326-333.	0.9	9
15	Assessing the deformity of cleft lip nose based on neural network. International Journal of Precision Engineering and Manufacturing, 2010, 11, 473-482.	1.1	4
16	Hypersensitivity to RF fields emitted from CDMA cellular phones: A provocation study. Bioelectromagnetics, 2009, 30, 641-650.	0.9	35
17	A new method of screening for diabetic neuropathy using laser Doppler and photoplethysmography. Medical and Biological Engineering and Computing, 2008, 46, 61-67.	1.6	22
18	Physiological effects of RF exposure on hypersensitive people by a cell phone. , 2008, 2008, 2322-5.		2

#	Article	IF	Citations
19	Detection of Diabetic Neuropathy Using Blood Volume Ratio of Finger and Toe by PPG. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2211-4.	0.5	4
20	Development of Fine Time Controller of a Transtracheal Jet Ventilator and Its Experimental Application. Daehan Macwi'gwa Haghoeji, 2002, 43, 93.	0.2	1
21	Ethics in Clinical Study for Medical Devices. Journal of the Korean Society for Clinical Pharmacology and Therapeutics, 2002, 10, 70.	0.1	0
22	A Noninvasive Estimation of Hypernasality Using a Linear Predictive Model. Annals of Biomedical Engineering, 2001, 29, 587-594.	1.3	31
23	The Development of an Inspiratory Time Adjustable Transtracheal Jet Ventilator and Evaluation in a Human Adult Trachea-Lung Model. Daehan Macwi'gwa Haghoeji, 2001, 40, 211.	0.2	1
24	Usefulness of a developed four-channel EGG system with running spectrum analysis. Yonsei Medical Journal, 2000, 41, 230.	0.9	4
25	A quantitative evaluation of pigmented skin lesions using the L*a*b* color coordinates. Yonsei Medical Journal, 2000, 41, 333.	0.9	14
26	How Much are Anesthesiologists Exposed to Electromagnetic Fields in Operating Rooms?. Daehan Macwi'gwa Haghoeji, 2000, 38, 118.	0.2	0
27	Electric and laser energy for endoscopic surg. Yonsei Medical Journal, 1999, 40, 536.	0.9	1
28	Measurement of Leg Arterial Compliance of Normal Subjects and Diabetics Using Impedance Plethysmography. Annals of the New York Academy of Sciences, 1999, 873, 112-120.	1.8	4
29	Changes of cardiac output during treadmill exercise by impedance cardiography. Yonsei Medical Journal, 1991, 32, 58.	0.9	1
30	A new approach for detection of leg movement using bio-impedance technique. , 0, , .		1