

Karl Oliver Kagan

List of Publications by Citations

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111
papers

3,426
citations

27
h-index

57
g-index

118
ext. papers

3,995
ext. citations

4
avg, IF

5.22
L-index

#	Paper	IF	Citations
111	ISUOG practice guidelines: performance of first-trimester fetal ultrasound scan. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 41, 102-13	5.8	322
110	Screening for trisomy 21 by maternal age, fetal nuchal translucency thickness, free beta-human chorionic gonadotropin and pregnancy-associated plasma protein-A. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 31, 618-24	5.8	266
109	First-trimester screening for trisomy 21 by free beta-human chorionic gonadotropin and pregnancy-associated plasma protein-A: impact of maternal and pregnancy characteristics. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 31, 493-502	5.8	228
108	A mixture model of nuchal translucency thickness in screening for chromosomal defects. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 31, 376-83	5.8	189
107	Screening for trisomies 21, 18 and 13 by maternal age, fetal nuchal translucency, fetal heart rate, free beta-hCG and pregnancy-associated plasma protein-A. <i>Human Reproduction</i> , 2008 , 23, 1968-75	5.7	173
106	Ductus venosus Doppler in screening for trisomies 21, 18 and 13 and Turner syndrome at 11-13 weeks of gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 512-7	5.8	142
105	Discordance in nuchal translucency thickness in the prediction of severe twin-to-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 29, 527-32	5.8	141
104	Tricuspid regurgitation in screening for trisomies 21, 18 and 13 and Turner syndrome at 11+0 to 13+6 weeks of gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 18-22	5.8	120
103	Relation between increased fetal nuchal translucency thickness and chromosomal defects. <i>Obstetrics and Gynecology</i> , 2006 , 107, 6-10	4.9	115
102	Fetal nasal bone in screening for trisomies 21, 18 and 13 and Turner syndrome at 11-13 weeks of gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 259-64	5.8	111
101	Mutations in SEC24D, encoding a component of the COPII machinery, cause a syndromic form of osteogenesis imperfecta. <i>American Journal of Human Genetics</i> , 2015 , 96, 432-9	11	104
100	Prospective validation of first-trimester combined screening for trisomy 21. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 14-8	5.8	90
99	The 11-13-week scan: diagnosis and outcome of holoprosencephaly, exomphalos and megacystis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 10-4	5.8	80
98	ISUOG consensus statement on the impact of non-invasive prenatal testing (NIPT) on prenatal ultrasound practice. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 122-3	5.8	70
97	How to measure cervical length. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 358-62	5.8	67
96	Learning curve for Doppler assessment of ductus venosus flow at 11 + 0 to 13 + 6 weeksUgestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 31, 503-6	5.8	66
95	Prevention of maternal-fetal transmission of cytomegalovirus after primary maternal infection in the first trimester by biweekly hyperimmunoglobulin administration. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 383-389	5.8	62

94	ISUOG updated consensus statement on the impact of cfDNA aneuploidy testing on screening policies and prenatal ultrasound practice. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 815-816	5.8	61
93	First-trimester ultrasound images using HDlive. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 607	5.8	55
92	Effect of deviation of nuchal translucency measurements on the performance of screening for trisomy 21. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 657-64	5.8	48
91	Cytomegalovirus infection in pregnancy. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 296, 15-26	2.5	46
90	Screening for trisomy 18 by maternal age, fetal nuchal translucency, free beta-human chorionic gonadotropin and pregnancy-associated plasma protein-A. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 32, 488-92	5.8	45
89	Two-stage first-trimester screening for trisomy 21 by ultrasound assessment and biochemical testing. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 542-7	5.8	44
88	Preterm birth: the value of sonographic measurement of cervical length. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006 , 113 Suppl 3, 52-6	3.7	41
87	Principles of first trimester screening in the age of non-invasive prenatal diagnosis: screening for chromosomal abnormalities. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 296, 645-651	2.5	35
86	Dose dependency between cigarette consumption and reduced maternal serum PAPP-A levels at 11-13+6 weeks of gestation. <i>Prenatal Diagnosis</i> , 2007 , 27, 849-53	3.2	34
85	First-trimester contingent screening for trisomies 21, 18 and 13 by fetal nuchal translucency and ductus venosus flow and maternal blood cell-free DNA testing. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 42-7	5.8	33
84	Novel fetal and maternal sonographic findings in confirmed cases of Beckwith-Wiedemann syndrome. <i>Prenatal Diagnosis</i> , 2015 , 35, 394-9	3.2	26
83	Quality Requirements for the early Fetal Ultrasound Assessment at 11-13+6 Weeks of Gestation (DEGUM Levels II and III). <i>Ultraschall in Der Medizin</i> , 2016 , 37, 297-302	3.8	26
82	First-trimester screening for trisomies 18 and 13, triploidy and Turner syndrome by detailed early anomaly scan. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 446-451	5.8	25
81	First-trimester combined screening for trisomy 21 with different combinations of placental growth factor, free human chorionic gonadotropin and pregnancy-associated plasma protein-A. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 40, 530-5	5.8	25
80	First-trimester risk assessment based on ultrasound and cell-free DNA vs combined screening: a randomized controlled trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 51, 437-444	5.8	24
79	Intra- and interoperator reliability of manual and semi-automated measurement of fetal nuchal translucency by sonographers with different levels of experience. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 417-22	5.8	24
78	First trimester ultrasound screening for Down syndrome based on maternal age, fetal nuchal translucency and different combinations of the additional markers nasal bone, tricuspid and ductus venosus flow. <i>Prenatal Diagnosis</i> , 2015 , 35, 1182-6	3.2	22
77	Living-Donor Uterus Transplantation: Pre-, Intra-, and Postoperative Parameters Relevant to Surgical Success, Pregnancy, and Obstetrics with Live Births. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	22

76	Nasal bone length, prenatal thickness, prenatal thickness-to-nasal bone length ratio and prefrontal space ratio in second- and third-trimester fetuses with Down syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 211-6	5.8	21
75	Prefrontal space ratio in second- and third-trimester screening for trisomy 21. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 41, 262-6	5.8	21
74	Effect of deviation from the mid-sagittal plane on the measurement of fetal nuchal translucency. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 35, 525-9	5.8	21
73	Comparison of three methods of cervical measurement in the first trimester: single-line, two-line, and tracing. <i>Prenatal Diagnosis</i> , 2013 , 33, 262-8	3.2	20
72	Inverted Pyramid of Care. <i>Clinics in Laboratory Medicine</i> , 2016 , 36, 305-17	2.1	20
71	The cavum septi pellucidi in euploid and aneuploid fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 156-60	5.8	18
70	Frontal space distance in facial clefts and retrognathia at 11-13 weeksUgestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 171-6	5.8	17
69	Impact of bias in crown-rump length measurement at first-trimester screening for trisomy 21. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 40, 135-9	5.8	16
68	Effective management and intrauterine treatment of congenital cytomegalovirus infection: review article and case series. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014 , 27, 209-14	2	15
67	Assessment of the ductus venosus, tricuspid blood flow and the nasal bone in second-trimester screening for trisomy 21. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 444-9	5.8	14
66	Factors influencing the duration of late first and second-trimester termination of pregnancy with prostaglandin derivates. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011 , 155, 75-8	2.4	13
65	Screening for chromosomal abnormalities by first trimester combined screening and noninvasive prenatal testing. <i>Ultraschall in Der Medizin</i> , 2015 , 36, 40-6	3.8	12
64	Fetal facial profile markers of Down syndrome in the second and third trimesters of pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 168-73	5.8	11
63	Screening Performance and Costs of Different Strategies in Prenatal Screening for Trisomy 21. <i>Geburtshilfe Und Frauenheilkunde</i> , 2015 , 75, 244-250	2	10
62	Maternal Weight, Weight Gain, and Metabolism are Associated with Changes in Fetal Heart Rate and Variability. <i>Obesity</i> , 2020 , 28, 114-121	8	10
61	Repeat Measurement of Cervical Length in Women with Threatened Preterm Labor. <i>Geburtshilfe Und Frauenheilkunde</i> , 2016 , 76, 779-784	2	9
60	Optimal caliper placement: manual vs automated methods. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 43, 170-5	5.8	9
59	Confirmation rate of cell free DNA screening for sex chromosomal abnormalities according to the method of confirmatory testing. <i>Prenatal Diagnosis</i> , 2021 , 41, 1258-1263	3.2	9

58	First trimester pregnancy volumes and subsequent small for gestational age fetuses. <i>Archives of Gynecology and Obstetrics</i> , 2014 , 290, 41-6	2.5	8
57	Rate of no result in cell-free DNA testing and its influence on test performance metrics. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 134-137	5.8	8
56	Genome-wide cfDNA testing of maternal blood. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 55, 13-14	5.8	8
55	Outcome of pregnancies with spontaneous PPROM before 24+0 weeks gestation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 203, 121-6	2.4	8
54	Principles of first trimester screening in the age of non-invasive prenatal diagnosis: screening for other major defects and pregnancy complications. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 296, 635-643	2.5	7
53	Facial markers in second- and third-trimester fetuses with trisomy 18 or 13, triploidy or Turner syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 60-5	5.8	7
52	Intraoperator and interoperator repeatability of manual and semi-automated measurement of increased fetal nuchal translucency according to the operator's experience. <i>Prenatal Diagnosis</i> , 2011 , 31, 1229-33	3.2	7
51	Discordance between ultrasound and cell free DNA screening for monosomy X. <i>Archives of Gynecology and Obstetrics</i> , 2016 , 294, 219-24	2.5	7
50	Assessment of Foetal DNA in Maternal Blood - A Useful Tool in the Hands of Prenatal Specialists. <i>Geburtshilfe Und Frauenheilkunde</i> , 2012 , 72, 998-1003	2	6
49	First Trimester Screening for Common Trisomies and Microdeletion 22q11.2 Syndrome Using Cell-Free DNA: A Prospective Clinical Study. <i>Fetal Diagnosis and Therapy</i> , 2020 , 47, 841-852	2.4	6
48	Effectiveness of the contemporary treatment of preterm labor: a comparison with a historical cohort. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 296, 27-34	2.5	5
47	The frontal space measurement in euploid and aneuploid pregnancies at 11-13 weeks gestation. <i>Prenatal Diagnosis</i> , 2013 , 33, 1124-30	3.2	5
46	Position of the conus medullaris in fetuses with skeletal dysplasia. <i>Prenatal Diagnosis</i> , 2012 , 32, 1313-7	3.2	5
45	Outcome of pregnancies with recent primary cytomegalovirus infection in first trimester treated with hyperimmunoglobulin: observational study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 57, 560-567	5.8	5
44	Comparison of Errors of 35 Weight Estimation Formulae in a Standard Collective. <i>Geburtshilfe Und Frauenheilkunde</i> , 2016 , 76, 1172-1179	2	5
43	Dosing interval between mifepristone and misoprostol in second and third trimester termination. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 299, 675-679	2.5	5
42	First-trimester ultrasound screening for trisomy 21 based on maternal age, fetal nuchal translucency, and different methods of ductus venosus assessment. <i>Prenatal Diagnosis</i> , 2017 , 37, 680-685	3.2	4
41	First trimester screening for major cardiac defects based on the ductus venosus flow in fetuses with trisomy 21. <i>Prenatal Diagnosis</i> , 2018 , 38, 561	3.2	4

40	Vasa previa: easy to miss. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 51, 283-284	5.8	4
39	Influence of Mifepristone in Induction Time for Terminations in the Second and Third Trimester. <i>Geburtshilfe Und Frauenheilkunde</i> , 2014 , 74, 350-354	2	4
38	Single and repeat cervical-length measurement in twin gestation with threatened preterm labor. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 55, 496-501	5.8	4
37	Antenatal treatment options for primary cytomegalovirus infections. <i>Current Opinion in Obstetrics and Gynecology</i> , 2018 , 30, 355-360	2.4	4
36	Cytomegalovirusinfektion in der Schwangerschaft. <i>Der Gynakologe</i> , 2016 , 49, 582-591	0.1	3
35	False-Positive Rate in First-Trimester Screening Based on Ultrasound and Cell-Free DNA versus First-Trimester Combined Screening with Additional Ultrasound Markers. <i>Fetal Diagnosis and Therapy</i> , 2019 , 45, 317-324	2.4	3
34	Outcome of dichorionic diamniotic twin pregnancies with spontaneous PPROM before 24 weeksU gestation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017 , 30, 1750-1754	2	3
33	Measurement of Gastric Circumference in Foetuses with Oesophageal Atresia. <i>Geburtshilfe Und Frauenheilkunde</i> , 2015 , 75, 1148-1152	2	3
32	Fetal loss after chorionic villus sampling in twin pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 48-55	5.8	3
31	Antenatal screening for chromosomal abnormalities.. <i>Archives of Gynecology and Obstetrics</i> , 2022 , 305, 825	2.5	3
30	Fetal profile in fetuses with open spina bifida. <i>Archives of Gynecology and Obstetrics</i> , 2020 , 301, 1167-1171	2.5	2
29	Abnormal Placentation and Umbilical Cord Insertion. <i>Ultraschall in Der Medizin</i> , 2020 , 41, 120-137	3.8	2
28	First-trimester ductus venosus velocity ratio as a marker of major cardiac defects. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 663-668	5.8	2
27	First trimester uterine artery pulsatility index levels in euploid and aneuploid pregnancies. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 300, 1559-1564	2.5	2
26	Moderne Konzepte des Ersttrimester-Screenings. <i>Gynkologie + Geburtshilfe</i> , 2017 , 22, 14-23	0	2
25	Risk of fetal loss after chorionic villus sampling in twin pregnancies derived from propensity score matching analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 ,	5.8	2
24	False-positive rates in screening for trisomies 18 and 13: a comparison between first-trimester combined screening and a cfDNA-based approach. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 299, 431-437	2.5	2
23	Fetal Costello syndrome: description of phenotype of HRAS exon 1 mutations. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 55, 274-275	5.8	2

22	Maxillary length in euploid and aneuploid fetuses. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 295, 331-336	3.36	1
21	Splenic artery blood flow as a potential marker for materno-fetal transmission of a primary CMV infection. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 299, 1289-1294	2.5	1
20	Aktuelle und zukünftige Entwicklungen in der Funktionsdiagnostik von Plazenta und Fetus. <i>Der Gynakologe</i> , 2020 , 53, 160-165	0.1	1
19	Changes in the Detection and Management of Foetal Trisomies over Time. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018 , 78, 853-858	2	1
18	Ten reasons why we should not abandon a detailed first trimester anomaly scan. <i>Ultraschall in Der Medizin</i> , 2021 , 42, 451-459	3.8	1
17	Fetal Profile Markers for the Detection of Robin Sequence in Fetuses with Retrognathia. <i>Ultraschall in Der Medizin</i> , 2021 ,	3.8	0
16	Measurement of the uterocervical angle for the prediction of preterm birth in symptomatic women. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 304, 663-669	2.5	0
15	Bestehende und zukünftige Assistenzsysteme in der pränatalmedizinischen Bildgebung. <i>Der Gynakologe</i> , 2021 , 54, 483	0.1	0
14	Fetal markers for the detection of infants with craniofacial malformation. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021 , 26, 101291	3.7	0
13	Prognosemodelle für intrauterine Infektionen anhand des Zytomegalievirus (CMV). <i>Der Gynakologe</i> , 2020 , 53, 813-820	0.1	
12	Sphenofrontal distance in euploid and aneuploid fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 187-191	5.8	
11	OP03.05: Prenatal detection of closed spina bifida. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 64-64	5.8	
10	Diagnosis and treatment of twin-to-twin transfusion syndrome (TTTS). <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2009 , 24, 52-56		
9	OC26.01: Fetal weight estimation in fetuses of 1500g or less. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 50-51	5.8	
8	OP02.02: Effect of deviation of nuchal translucency measurements on the performance of screening for trisomy 21. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 65-65	5.8	
7	OP02.03: Dependency of fetal NT thickness on the position of the fetal head. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 65-66	5.8	
6	OP20.08: Holoprosencephaly, megacystis and exomphalos and the risk for chromosomal abnormalities. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 126-127	5.8	
5	P11.12: Effect of deviation of free hCG and PAPP-A on the performance of screening for trisomy 21. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 221-221	5.8	

- 4 Pränatale Medizin. *Springer Reference Medizin*, **2020**, 509-519 0
- 3 Erstes Trimenon **2020**, 1-50
- 2 Pränatale Medizin. *Springer Reference Medizin*, **2020**, 1-11 0
- 1 Das Ersttrimester-Screening. *Der Gynakologe*, **2018**, 51, 12-18 0.1