

Pasuk Mahakkanukrauh

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

1,301
citations

393982

19
h-index

454577

30
g-index

112
all docs

112
docs citations

112
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomical study of the pudendal nerve adjacent to the sacrospinous ligament. <i>Clinical Anatomy</i> , 2005, 18, 200-205.	1.5	129
2	Stature estimation from long bone lengths in a Thai population. <i>Forensic Science International</i> , 2011, 210, 279.e1-279.e7.	1.3	83
3	Anatomical variations of the sural nerve. <i>Clinical Anatomy</i> , 2002, 15, 263-266.	1.5	74
4	Elemental Analysis of Bone, Teeth, Horn and Antler in Different Animal Species Using Non-Invasive Handheld X-Ray Fluorescence. <i>PLoS ONE</i> , 2016, 11, e0155458.	1.1	65
5	Incidence of a septum in the first dorsal compartment and its effects on therapy of de Quervain's disease. , 2000, 13, 195-198.		57
6	Morphology of the human aorta and age-related changes: anatomical facts. <i>Anatomy and Cell Biology</i> , 2019, 52, 109.	0.5	47
7	Dual innervation of the brachialis muscle. <i>Clinical Anatomy</i> , 2002, 15, 206-209.	1.5	44
8	Craniometric study for sex determination in a Thai population. <i>Anatomy and Cell Biology</i> , 2015, 48, 275.	0.5	32
9	Cranial suture closure as an age indicator: A review. <i>Forensic Science International</i> , 2020, 307, 110111.	1.3	31
10	Prevalence of accessory head of flexor pollicis longus muscle and its relation to anterior interosseous nerve in Thai population. <i>Clinical Anatomy</i> , 2004, 17, 631-635.	1.5	28
11	Determination of sex from the metacarpals in a Thai population. <i>Forensic Science International</i> , 2012, 217, 229.e1-229.e8.	1.3	26
12	Simultaneous Accumulation of Magnesium with Calcium and Phosphorus in Aorta and Iliac Arteries of Thai. <i>Biological Trace Element Research</i> , 2001, 84, 019-035.	1.9	23
13	Prevalence of osteophytes associated with the acromion and acromioclavicular joint. <i>Clinical Anatomy</i> , 2003, 16, 506-510.	1.5	23
14	Sex estimation from the talus in a Thai population. <i>Forensic Science International</i> , 2014, 240, 152.e1-152.e8.	1.3	23
15	Postmortem Imaging: An Update. <i>Seminars in Ultrasound, CT and MRI</i> , 2019, 40, 86-93.	0.7	23
16	Efficacy of three-dimensional cinematic rendering computed tomography images in visualizing features related to age estimation in pelvic bones. <i>Forensic Science International</i> , 2019, 294, 48-56.	1.3	23
17	History, research and practice of forensic anthropology in Thailand. <i>Forensic Science International</i> , 2016, 261, 167.e1-167.e6.	1.3	22
18	Determination of sex from the proximal hand phalanges in a Thai population. <i>Forensic Science International</i> , 2013, 226, 208-215.	1.3	21

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19	New prediction models for dental age estimation in Thai children and adolescents. <i>Forensic Science International</i> , 2016, 266, 583.e1-583.e5.	1.3	21
20	Biomechanical study of isolated radial head dislocation. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 470.	0.8	21
21	Age estimation approaches using cranial suture closure: A validation study on a Thai population. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 53, 79-86.	0.5	20
22	Determining comparative elemental profile using handheld X-ray fluorescence in humans, elephants, dogs, and dolphins: Preliminary study for species identification. <i>Forensic Science International</i> , 2016, 263, 101-106.	1.3	19
23	Sex estimation from measurements of the calcaneus: Applications for personal identification in Thailand. <i>Forensic Science International</i> , 2017, 278, 405.e1-405.e8.	1.3	19
24	Preliminary Study to Test the Feasibility of Sex Identification of Human (<i>Homo sapiens</i>) Bones Based on Differences in Elemental Profiles Determined by Handheld X-ray Fluorescence. <i>Biological Trace Element Research</i> , 2016, 173, 21-29.	1.9	17
25	Sex estimation from the scapula in a contemporary Thai population: Applications for forensic anthropology. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 270-275.	1.3	17
26	Osteoarthritis in two marine mammals and 22 land mammals: learning from skeletal remains. <i>Journal of Anatomy</i> , 2017, 231, 140-155.	0.9	17
27	Osteometric sex estimation from the os coxa in a Thai population. <i>Forensic Science International</i> , 2017, 271, 127.e1-127.e7.	1.3	17
28	Cadaveric investigation of the minimum effective volume for ultrasound-guided suprainguinal fascia iliaca block. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 757-762.	1.1	17
29	Sleep Related Epilepsy and Pharmacotherapy: An Insight. <i>Frontiers in Pharmacology</i> , 2018, 9, 1088.	1.6	16
30	Age estimation equations using vertebral osteophyte formation in a Thai population: comparison and modified osteophyte scoring method. <i>Anatomy and Cell Biology</i> , 2019, 52, 149.	0.5	16
31	Innervation of the clavicle: a cadaveric investigation. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 1076-1079.	1.1	13
32	Distribution and length of osteophytes in the lumbar vertebrae and risk of rupture of abdominal aortic aneurysms: a study of dry bones from Chiang Mai, Thailand. <i>Anatomy and Cell Biology</i> , 2014, 47, 157.	0.5	11
33	The Burden of Gastrointestinal, Liver, and Pancreatic Diseases: The Global Scenario. <i>Gastroenterology</i> , 2016, 150, 1045-1046.	0.6	11
34	Role of microRNAs in Diagnosis, Prognosis and Management of Multiple Myeloma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7539.	1.8	11
35	Anatomical study and branching point of neurovascular structures at the medial side of the ankle. <i>Anatomy and Cell Biology</i> , 2020, 53, 422-434.	0.5	11
36	Variation in elemental composition of human teeth and its application for feasible species identification. <i>Forensic Science International</i> , 2017, 271, 33-42.	1.3	9

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37	Gross age-related changes and diseases in human heart valves. <i>Anatomy and Cell Biology</i> , 2019, 52, 25.	0.5	9
38	The Role of the Acromioclavicular Ligament in Acromioclavicular Joint Stability: A Cadaveric Biomechanical Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712098294.	0.8	9
39	Blood-brain barrier dysfunction in ischemic stroke and diabetes: the underlying link, mechanisms and future possible therapeutic targets. <i>Anatomy and Cell Biology</i> , 2021, 54, 165-177.	0.5	9
40	Cadaveric study investigating the phrenic-sparing volume for anterior suprascapular nerve block. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 769-772.	1.1	9
41	The importance of human osteological collections: Our past, present, and future. <i>Forensic Science International</i> , 2021, 325, 110895.	1.3	9
42	Histological assessment of the human heart valves and its relationship with age. <i>Anatomy and Cell Biology</i> , 2020, 53, 261-271.	0.5	9
43	Acromial morphology and morphometry associated with subacromial impingement syndrome. <i>Anatomy and Cell Biology</i> , 2020, 53, 435-443.	0.5	8
44	Age estimation using aspartic amino acid racemization from a femur. <i>Australian Journal of Forensic Sciences</i> , 2019, 51, 417-425.	0.7	7
45	Sex estimation from upper limb bones in a Thai population. <i>Anatomy and Cell Biology</i> , 2020, 53, 36-43.	0.5	7
46	A new method for sex estimation from maxillary suture length in a Thai population. <i>Anatomy and Cell Biology</i> , 2017, 50, 261.	0.5	6
47	Fornix Integrity Is Differently Associated With Cognition in Healthy Aging and Non-amnestic Mild Cognitive Impairment: A Pilot Diffusion Tensor Imaging Study in Thai Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 594002.	1.7	6
48	Cadaveric study identifying clinical sonoanatomy for proximal and distal approaches of ultrasound-guided intercostobrachial nerve block. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 853-859.	1.1	6
49	Accumulation of Calcium and Phosphorus Accompanied by Inevitable Accumulation of Magnesium in Human Arteries. <i>Biological Trace Element Research</i> , 2004, 100, 205-214.	1.9	5
50	Effect of soft tissue injury and ulnar angulation on radial head instability in a Bado type I Monteggia fracture model. <i>Medicine (United States)</i> , 2019, 98, e17728.	0.4	5
51	Sex estimation from the carpal bones in a Thai population. <i>Australian Journal of Forensic Sciences</i> , 2020, 52, 665-680.	0.7	5
52	Three-dimensional Prediction of the Nose for Facial Approximation in a Thai Population. <i>Journal of Forensic Sciences</i> , 2020, 65, 707-714.	0.9	5
53	The distribution pattern of the dorsal cutaneous nerves of the foot and its clinical implications. <i>Anatomy and Cell Biology</i> , 2020, 53, 137-142.	0.5	5
54	The estimation of age from elastic fibers in the tunica media of the aortic wall in a thai population: a preliminary study using aorta image analysis. <i>Anatomy and Cell Biology</i> , 2020, 53, 284-291.	0.5	5

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55	Comparison of sex determination using three methods applied to the greater sciatic notch of os coxae in a Thai population: Dry bone morphology, 2-dimensional photograph morphometry, and deep learning artificial neural network. <i>Medicine, Science and the Law</i> , 2022, 62, 261-268.	0.6	5
56	Differences in compact bone tissue microscopic structure between adult humans (<i>Homo sapiens</i>) and Assam macaques (<i>Macaca assamensis</i>). <i>Forensic Science International</i> , 2015, 254, 243.e1-243.e5.	1.3	4
57	Estimation of stature using fragmentary femur and tibia lengths in a Thai population. <i>Australian Journal of Forensic Sciences</i> , 2016, 48, 287-296.	0.7	4
58	The Molecular Concept of Atheromatous Plaques. <i>Current Drug Targets</i> , 2017, 18, 1250-1258.	1.0	4
59	Biomechanical Effects of Radioscapholunate Fusion With Distal Scaphoidectomy and Triquetrum Excision on Dart-Throwing and Wrist Circumduction Motions. <i>Journal of Hand Surgery</i> , 2021, 46, 71.e1-71.e7.	0.7	4
60	Anatomical Study of Stabilizing Structures of the Extensor Carpi Ulnaris Tendon Around the Wrist. <i>Journal of Hand Surgery</i> , 2021, 46, 930.e1-930.e9.	0.7	4
61	Effect of Ankle Motion and Tensile Stress at the Achilles Tendon on the Contact Pressure Between the Achilles Tendon and the Calcaneus. <i>Journal of Foot and Ankle Surgery</i> , 2021, 60, 753-756.	0.5	4
62	The Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Virus in the Vaginal Fluid of Females With Severe Coronavirus Disease 2019 (COVID-19) Infection: Scientific Facts. <i>Clinical Infectious Diseases</i> , 2020, , .	2.9	4
63	Deep learning and morphometric approach for Sex determination of the lumbar vertebrae in a Thai population. <i>Medicine, Science and the Law</i> , 2023, 63, 14-21.	0.6	4
64	Surgeon-performed pericapsular nerve group (PENG) block for total hip arthroplasty using the direct anterior approach: a cadaveric study. <i>Regional Anesthesia and Pain Medicine</i> , 2022, , rapm-2022-103482.	1.1	4
65	Age-Related Changes of Elements in Renal Arteries of Thai and Japanese and the Relationships Among Elements. <i>Biological Trace Element Research</i> , 2005, 106, 219-230.	1.9	3
66	Sex determination from different sternal measurements: A study in a Thai population. <i>Journal of the Anatomical Society of India</i> , 2015, 64, 155-161.	0.1	3
67	A cadaveric study of the anatomical variations of the lumbar plexus with clinical implications. <i>Journal of the Anatomical Society of India</i> , 2016, 65, 24-28.	0.1	3
68	Nose width and mouth width predictions in a Thai population using cone-beam computed tomography data. <i>Australian Journal of Forensic Sciences</i> , 2019, , 1-10.	0.7	3
69	Sex estimation using radius in a Thai population. <i>Anatomy and Cell Biology</i> , 2021, 54, 321-331.	0.5	3
70	Therapeutic Targeting of Inflammatory Pathways with Emphasis on NLRP3 Inflammasomes by Natural Products: A Novel Approach for the Treatment of Inflammatory Eye Diseases. <i>Current Medicinal Chemistry</i> , 2022, 29, 2891-2912.	1.2	3
71	Inflammatory Molecular Mediators and Pathways Involved in Vascular Aging and Stroke: A Comprehensive Review. <i>Current Medicinal Chemistry</i> , 2022, 29, 5522-5542.	1.2	3
72	Sex and Stature Estimation from Adult Lumbar Vertebrae in a Thai Population Based on Image Analysis. <i>International Journal of Morphology</i> , 2020, 38, 1651-1656.	0.1	3

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73	The morphometric study of the moderator band in Thais. <i>Anatomical Science International</i> , 2022, 97, 188-196.	0.5	3
74	The development and testing of Thai facial soft tissue thickness data in three-dimensional computerized forensic facial reconstruction. <i>Medicine, Science and the Law</i> , 2022, 62, 113-123.	0.6	3
75	Acromioclavicular joint instability on cross-body adduction view: the biomechanical effect of acromioclavicular and coracoclavicular ligaments sectioning. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 279.	0.8	3
76	Stature estimation using the sternum in a Thai population. <i>Anatomy and Cell Biology</i> , 2022, 55, 170-178.	0.5	3
77	Age-Dependent Increase of Magnesium in the Cerebral Arteries of Thai. <i>Biological Trace Element Research</i> , 2006, 112, 43-56.	1.9	2
78	Six new examples of the bipartite trapezoid bone: Morphology, significant population variation, and an examination of pre-existing criteria to identify bipartition of individual carpal bones. <i>Annals of Anatomy</i> , 2015, 198, 58-65.	1.0	2
79	Scarce Occurrence of Calcification in Human Sinoatrial Nodal Arteries in Old Age. <i>Biological Trace Element Research</i> , 2018, 184, 24-32.	1.9	2
80	Anatomical Study of the Popliteal Artery Perforator-Based Propeller Flap and Its Clinical Application. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 548-551.	0.7	2
81	Reverse vascularized bone graft of the lateral distal humerus for non-union of the radial neck fracture: anatomical study and case report. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2019, 53, 20-24.	0.4	2
82	Craniometric estimation of ancestry in Thai and Japanese individuals. <i>Australian Journal of Forensic Sciences</i> , 2022, 54, 294-310.	0.7	2
83	Biomechanical comparison of arthroscopic and open lunate excisions in the cadaveric wrist. <i>Clinical Biomechanics</i> , 2021, 84, 105343.	0.5	2
84	Partial Trapeziotrapezoid Resection and Thumb Range of Movement After Trapeziometacarpal Joint Fusion—A Biomechanical Study. <i>Journal of Hand Surgery</i> , 2021, 46, 1126.e1-1126.e7.	0.7	2
85	Treatment of painful median nerve neuroma using pedicled vascularized lateral antebrachial cutaneous nerve with adipofascial flap: a cadaveric study and exploration of clinical application. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2022, 56, 74-78.	0.4	2
86	Effect of Bone Resection on Posterior Talofibular Ligament Integrity for Posterior Ankle Impingement Syndrome: A Cadaveric Study. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e829-e835.	0.8	2
87	Ultrasonographic test for detecting the chiasma plantare formation between the flexor hallucis longus and flexor digitorum longus. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 1061-1065.	0.6	2
88	The malaris muscle concept reconsidered. <i>Anatomy and Cell Biology</i> , 2019, 52, 134.	0.5	2
89	Vascularized pedicled bone graft from the distal radius supplied by the anterior interosseous artery for treatment of ulnar shaft nonunion: An anatomical study of cadavers and a case report. <i>Microsurgery</i> , 2020, 40, 479-485.	0.6	2
90	Estimating age from digital radiographic images of lumbar vertebrae in a Thai population using an image analysis technique. <i>Medicine, Science and the Law</i> , 2022, 62, 180-187.	0.6	2

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91	Age Estimation of Lumbar Vertebrae by Visual Assessment in a Thai Population. Clinica Terapeutica, 2018, 169, e204-e212.	0.2	2
92	Circle of Willis of the brain: anatomical variations and their importance. Anatomical Science International, 2016, 91, 215-215.	0.5	1
93	Methylated MicroRNA Biomarkers for Identifying Ulcerative Colitis-Associated Colorectal Cancers. Gastroenterology, 2018, 154, 1852.	0.6	1
94	The effect of physical activity, body mass index and waist circumference on incident diabetes. Postgraduate Medicine, 2018, 130, 186-186.	0.9	1
95	Biomechanical analysis of simultaneous distal and proximal radio-ulnar joint instability. Clinical Biomechanics, 2020, 78, 105074.	0.5	1
96	Predicting pronasale position in Thais: a test of four updated methods. Australian Journal of Forensic Sciences, 2021, 53, 211-223.	0.7	1
97	Sex estimation from the cranial base in a Thai population. Australian Journal of Forensic Sciences, 2021, 53, 291-305.	0.7	1
98	Reply to Dr Bendtsen and colleagues. Regional Anesthesia and Pain Medicine, 2021, 46, 832.2-833.	1.1	1
99	Famous blue stain coat (with sincere gratitude to Leonard Cohen). Regional Anesthesia and Pain Medicine, 2021, , rapm-2021-103008.	1.1	1
100	A Cadaveric Study of Ulnar Nerve Movement and Strain around the Elbow Joint. Applied Sciences (Switzerland), 2021, 11, 6487.	1.3	1
101	Cadaveric study of extensor retinaculum of the wrist. Journal of the Anatomical Society of India, 2019, 68, 299.	0.1	1
102	The comprehensive review of the neurovascular supply of the ankle joint: clinical implications. Anatomy and Cell Biology, 2020, 53, 126-131.	0.5	1
103	Ancestry estimation using image analysis of orbital shapes from Thai and Japanese skulls. Anthropological Science, 2020, 128, 19-26.	0.2	1
104	An anatomical study on locations of the mandibular foramen and the accessory mandibular foramen in the mandible and their clinical implication in a Thai population. Anatomy and Cell Biology, 2020, 53, 252-260.	0.5	1
105	Letter to the Editor: Patients' Knowledge and Decisional Conflict Regarding Tamoxifen Use: Scientific Views. Journal of Korean Medical Science, 2016, 31, 646.	1.1	0
106	Muscle attachment to the condylar process of mandible: anatomical considerations. Surgical and Radiologic Anatomy, 2016, 38, 635-635.	0.6	0
107	How anatomy should be taught: Debatable facts. Clinical Anatomy, 2016, 29, 426-426.	1.5	0
108	Re: Cambareri etÂal.: Do Overweight and Obese Pediatric Stone Formers Have Differences in Metabolic Abnormalities Compared With Normal-weight Stone Formers? (Urology 2017;101:26-30). Urology, 2017, 105, 210.	0.5	0

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109	P-25 Distribution of fluorescence lifetime of human dentin measured by nanosecond time-resolved fluorescence microscopy. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007, 2007.6, _P-25-1_-_P-25-3_.	0.0	0
110	The characteristics of osteophyte around lumbar vertebral foramina associated with spinal stenosis. Anatomy and Cell Biology, 2019, 52, 143.	0.5	0
111	Dynamic analysis of the ulnar nerve and cubital tunnel morphology using ultrasonography; A cadaveric study. Journal of Shoulder and Elbow Surgery, 2022, , .	1.2	0