

# Sittisak Honsawek

## List of Publications by Citations

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120  
papers

1,840  
citations

24  
h-index

38  
g-index

130  
ext. papers

2,241  
ext. citations

3.9  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
120	Cytokines as biochemical markers for knee osteoarthritis. <i>World Journal of Orthopedics</i> , <b>2015</b> , 6, 95-105	2.2	122
119	Correlation of plasma and synovial fluid adiponectin with knee osteoarthritis severity. <i>Archives of Medical Research</i> , <b>2010</b> , 41, 593-8	6.6	80
118	The effect of laminar air flow and door openings on operating room contamination. <i>Journal of Arthroplasty</i> , <b>2013</b> , 28, 1482-5	4.4	77
117	Adipokines: Biomarkers for osteoarthritis?. <i>World Journal of Orthopedics</i> , <b>2014</b> , 5, 319-27	2.2	67
116	Dickkopf-1 (Dkk-1) in plasma and synovial fluid is inversely correlated with radiographic severity of knee osteoarthritis patients. <i>BMC Musculoskeletal Disorders</i> , <b>2010</b> , 11, 257	2.8	58
115	Current perspectives in mesenchymal stem cell therapies for osteoarthritis. <i>Stem Cells International</i> , <b>2014</b> , 2014, 194318	5	55
114	Rosiglitazone effect on radioiodine uptake in thyroid carcinoma patients with high thyroglobulin but negative total body scan: a correlation with the expression of peroxisome proliferator-activated receptor-gamma. <i>Thyroid</i> , <b>2008</b> , 18, 697-704	6.2	55
113	Relationship of serum IL-6, C-reactive protein, erythrocyte sedimentation rate, and knee skin temperature after total knee arthroplasty: a prospective study. <i>International Orthopaedics</i> , <b>2011</b> , 35, 31-5	3.8	53
112	Vitamin D Supplementation Improves Quality of Life and Physical Performance in Osteoarthritis Patients. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	52
111	Correlation of plasma and synovial fluid osteopontin with disease severity in knee osteoarthritis. <i>Clinical Biochemistry</i> , <b>2009</b> , 42, 808-12	3.5	52
110	Relationship of plasma and synovial fluid vascular endothelial growth factor with radiographic severity in primary knee osteoarthritis. <i>International Orthopaedics</i> , <b>2014</b> , 38, 1099-104	3.8	41
109	Relationship of plasma and synovial fluid BMP-7 with disease severity in knee osteoarthritis patients: a pilot study. <i>International Orthopaedics</i> , <b>2009</b> , 33, 1171-5	3.8	41
108	Preparation of an injectable modified chitosan-based hydrogel approaching for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 123, 167-173	7.9	40
107	Angiogenic cytokine expression profiles in plasma and synovial fluid of primary knee osteoarthritis. <i>International Orthopaedics</i> , <b>2014</b> , 38, 1885-92	3.8	38
106	Role of Vitamin D in Osteoarthritis: Molecular, Cellular, and Clinical Perspectives. <i>International Journal of Endocrinology</i> , <b>2015</b> , 2015, 383918	2.7	37
105	Serum interleukin-8 in children with biliary atresia: relationship with disease stage and biochemical parameters. <i>Pediatric Surgery International</i> , <b>2005</b> , 21, 73-7	2.1	36
104	Plasma and synovial fluid inflammatory cytokine profiles in primary knee osteoarthritis. <i>Biomarkers</i> , <b>2016</b> , 21, 639-44	2.6	35

103	Development of collagen/demineralized bone powder scaffolds and periosteum-derived cells for bone tissue engineering application. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 2056-71	6.3	33
102	Extractable bone morphogenetic protein and correlation with induced new bone formation in an in vivo assay in the athymic mouse model. <i>Cell and Tissue Banking</i> , <b>2005</b> , 6, 13-23	2.2	32
101	Global methylation, oxidative stress, and relative telomere length in biliary atresia patients. <i>Scientific Reports</i> , <b>2016</b> , 6, 26969	4.9	31
100	Association of the IL-6 -174G/C gene polymorphism with knee osteoarthritis in a Thai population. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 1674-80	1.2	26
99	Oxidative stress, vitamin e, and antioxidant capacity in knee osteoarthritis. <i>Journal of Clinical and Diagnostic Research JCDR</i> , <b>2013</b> , 7, 1855-9	0	25
98	Mesenchymal stem cells for cartilage regeneration in osteoarthritis. <i>World Journal of Orthopedics</i> , <b>2017</b> , 8, 674-680	2.2	24
97	Soluble receptor for advanced glycation end products (sRAGE) in plasma and synovial fluid is inversely associated with disease severity of knee osteoarthritis. <i>Clinical Biochemistry</i> , <b>2010</b> , 43, 1133-7	3.5	24
96	Association of X-prolyl aminopeptidase 1 rs17095355 polymorphism with biliary atresia in Thai children. <i>Hepatology Research</i> , <b>2011</b> , 41, 1249-52	5.1	23
95	Correlation between plasma and synovial fluid basic fibroblast growth factor with radiographic severity in primary knee osteoarthritis. <i>International Orthopaedics</i> , <b>2012</b> , 36, 981-5	3.8	22
94	Positive impact of lockdown on COVID-19 outbreak in Thailand. <i>Travel Medicine and Infectious Disease</i> , <b>2020</b> , 36, 101802	8.4	21
93	Plasma and synovial fluid sclerostin are inversely associated with radiographic severity of knee osteoarthritis. <i>Clinical Biochemistry</i> , <b>2014</b> , 47, 547-51	3.5	21
92	Plasma and synovial fluid connective tissue growth factor levels are correlated with disease severity in patients with knee osteoarthritis. <i>Biomarkers</i> , <b>2012</b> , 17, 303-8	2.6	21
91	Association of plasma and synovial fluid interferon- $\gamma$ -inducible protein-10 with radiographic severity in knee osteoarthritis. <i>Clinical Biochemistry</i> , <b>2011</b> , 44, 1218-22	3.5	19
90	Association between leukocyte telomere length and angiogenic cytokines in knee osteoarthritis. <i>International Journal of Rheumatic Diseases</i> , <b>2018</b> , 21, 118-125	2.3	18
89	Association of MMP-3 (-1612 5A/6A) polymorphism with knee osteoarthritis in Thai population. <i>Rheumatology International</i> , <b>2013</b> , 33, 435-9	3.6	18
88	Association between ADAM12 polymorphism and knee osteoarthritis in Thai population. <i>Knee</i> , <b>2016</b> , 23, 357-61	2.6	18
87	Association of plasma and synovial fluid periostin with radiographic knee osteoarthritis: Cross-sectional study. <i>Joint Bone Spine</i> , <b>2015</b> , 82, 352-5	2.9	17
86	Hypertrophy of the ligamentum flavum in lumbar spinal canal stenosis is associated with increased bFGF expression. <i>International Orthopaedics</i> , <b>2013</b> , 37, 1387-92	3.8	17

85	Elevated serum leptin levels are associated with low vitamin D, sarcopenic obesity, poor muscle strength, and physical performance in knee osteoarthritis. <i>Biomarkers</i> , <b>2017</b> , 22, 723-730	2.6	16
84	Effect of vitamin E on oxidative stress level in blood, synovial fluid, and synovial tissue in severe knee osteoarthritis: a randomized controlled study. <i>BMC Musculoskeletal Disorders</i> , <b>2017</b> , 18, 281	2.8	16
83	Plasma and synovial fluid autotaxin correlate with severity in knee osteoarthritis. <i>Clinica Chimica Acta</i> , <b>2015</b> , 444, 72-7	6.2	16
82	Serum adiponectin and transient elastography as non-invasive markers for postoperative biliary atresia. <i>BMC Gastroenterology</i> , <b>2011</b> , 11, 16	3	16
81	Increased osteopontin and liver stiffness measurement by transient elastography in biliary atresia. <i>World Journal of Gastroenterology</i> , <b>2010</b> , 16, 5467-73	5.6	16
80	A Water-Based Chitosan-Maleimide Precursor for Bioconjugation: An Example of a Rapid Pathway for an In Situ Injectable Adhesive Gel. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1618-1622	4.8	16
79	+276 G/T single nucleotide polymorphism of the adiponectin gene is associated with the susceptibility to biliary atresia. <i>World Journal of Pediatrics</i> , <b>2012</b> , 8, 328-34	4.6	14
78	Elevation of serum galectin-3 and liver stiffness measured by transient elastography in biliary atresia. <i>European Journal of Pediatric Surgery</i> , <b>2011</b> , 21, 250-4	1.9	14
77	Telomere Length in Peripheral Blood Leukocytes Is Associated with Severity of Biliary Atresia. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134689	3.7	13
76	Adiponectin as a novel biomarker for liver fibrosis. <i>World Journal of Hepatology</i> , <b>2018</b> , 10, 708-718	3.4	13
75	Safety and Immunogenicity of the Third Booster Dose with Inactivated, Viral Vector, and mRNA COVID-19 Vaccines in Fully Immunized Healthy Adults with Inactivated Vaccine.. <i>Vaccines</i> , <b>2022</b> , 10,	5.3	12
74	Vitamin D and spine surgery. <i>World Journal of Orthopedics</i> , <b>2016</b> , 7, 726-730	2.2	12
73	Isolation and Characterization of Human Mesenchymal Stem Cells From Facet Joints and Interspinous Ligaments. <i>Spine</i> , <b>2016</b> , 41, E1-7	3.3	12
72	Leukocyte mitochondrial DNA copy number as a potential biomarker indicating poor outcome in biliary atresia and its association with oxidative DNA damage and telomere length. <i>Mitochondrion</i> , <b>2019</b> , 47, 1-9	4.9	11
71	Soluble receptor for advanced glycation end products and liver stiffness in postoperative biliary atresia. <i>Clinical Biochemistry</i> , <b>2013</b> , 46, 214-8	3.5	11
70	Elevated circulating and synovial fluid endoglin are associated with primary knee osteoarthritis severity. <i>Archives of Medical Research</i> , <b>2009</b> , 40, 590-4	6.6	11
69	Increased levels of serum hyaluronan in patients with dengue infection. <i>Journal of Infection</i> , <b>2007</b> , 54, 225-9	18.9	11
68	Interleukin-34 as a promising clinical biomarker and therapeutic target for inflammatory arthritis. <i>Cytokine and Growth Factor Reviews</i> , <b>2019</b> , 47, 43-53	17.9	10

67	Elevated serum periostin is associated with liver stiffness and clinical outcome in biliary atresia. <i>Biomarkers</i> , <b>2015</b> , 20, 157-61	2.6	10
66	Serum autotaxin levels correlate with hepatic dysfunction and severity in postoperative biliary atresia. <i>Biomarkers</i> , <b>2015</b> , 20, 89-94	2.6	9
65	Relative telomere length and oxidative DNA damage in hypertrophic ligamentum flavum of lumbar spinal stenosis. <i>PeerJ</i> , <b>2018</b> , 6, e5381	3.1	9
64	Correlation of connective tissue growth factor with liver stiffness measured by transient elastography in biliary atresia. <i>Hepatology Research</i> , <b>2013</b> , 43, 795-800	5.1	8
63	Carboxymethyl Cellulose Entrapped in a Poly(vinyl) Alcohol Network: Plant-Based Scaffolds for Cartilage Tissue Engineering. <i>Molecules</i> , <b>2021</b> , 26,	4.8	8
62	Effects of demineralized bone matrix on proliferation and osteogenic differentiation of mesenchymal stem cells from human umbilical cord. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , <b>2006</b> , 89 Suppl 3, S189-95		8
61	Increased expression of vascular endothelial growth factor is associated with hypertrophic ligamentum flavum in lumbar spinal canal stenosis. <i>Journal of Investigative Medicine</i> , <b>2016</b> , 64, 882-7	2.9	7
60	Circulating leptin levels and bone mineral density in children with biliary atresia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2008</b> , 97, 206-11	3.1	7
59	Elevation of serum stem-cell factor in postoperative biliary atresia. <i>Pediatrics International</i> , <b>2007</b> , 49, 888-93	1.2	7
58	Association of adiponectin gene polymorphisms with knee osteoarthritis. <i>World Journal of Orthopedics</i> , <b>2017</b> , 8, 719-725	2.2	7
57	Hepatic glypican-3 and alpha-smooth muscle actin overexpressions reflect severity of liver fibrosis and predict outcome after successful portoenterostomy in biliary atresia. <i>Surgery</i> , <b>2020</b> , 167, 560-568	3.6	7
56	Role of pronator release in revision carpal tunnel surgery. <i>Sicot-j</i> , <b>2016</b> , 2, 9	2.2	7
55	Neutralizing Activities against the Omicron Variant after a Heterologous Booster in Healthy Adults Receiving Two Doses of CoronaVac Vaccination.. <i>Journal of Infectious Diseases</i> , <b>2022</b> ,	7	7
54	Association of adiponectin +276G/T polymorphism with knee osteoarthritis. <i>Biomedical Reports</i> , <b>2014</b> , 2, 229-232	1.8	6
53	Association of circulating osteopontin levels with clinical outcomes in postoperative biliary atresia. <i>Pediatric Surgery International</i> , <b>2011</b> , 27, 283-8	2.1	6
52	High serum matrix metalloproteinase-3 and liver stiffness in postoperative biliary atresia. <i>Pediatric Surgery International</i> , <b>2011</b> , 27, 681-7	2.1	6
51	High levels of serum basic fibroblast growth factor in children with biliary atresia. <i>Hepato-Gastroenterology</i> , <b>2008</b> , 55, 1184-8		6
50	Serum retinol binding protein 4 and clinical outcome in postoperative biliary atresia. <i>Hepatology International</i> , <b>2011</b> , 5, 906-12	8.8	5

49	Relationships between OPG, RANKL, bone metabolism, and bone mineral density in biliary atresia. <i>Pediatric Surgery International</i> , <b>2009</b> , 25, 261-7	2.1	5
48	Inhibin A levels and severity of preeclampsia. <i>Archives of Gynecology and Obstetrics</i> , <b>2009</b> , 280, 183-6	2.5	5
47	Clusterin Is Associated with Systemic and Synovial Inflammation in Knee Osteoarthritis. <i>Cartilage</i> , <b>2020</b> , 1947603520958149	3	5
46	Content of bone morphogenetic protein-4 in human demineralized bone: relationship to donor age and ability to induce new bone formation. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , <b>2005</b> , 88 Suppl 4, S260-5		5
45	Association between Promoter Hypomethylation and Overexpression of Autotaxin with Outcome Parameters in Biliary Atresia. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169306	3.7	4
44	Gene expression analysis of demineralized bone matrix-induced osteogenesis in human periosteal cells using cDNA array technology. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 2093-103	1.2	4
43	Alu hypermethylation and high oxidative stress in patients with musculoskeletal tumors. <i>PeerJ</i> , <b>2018</b> , 6, e5492	3.1	4
42	The Effects of Andrographolide on the Enhancement of Chondrogenesis and Osteogenesis in Human Suprapatellar Fat Pad Derived Mesenchymal Stem Cells. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
41	A novel gelatin/chitooligosaccharide/demineralized bone matrix composite scaffold and periosteum-derived mesenchymal stem cells for bone tissue engineering. <i>Biomaterials Research</i> , <b>2021</b> , 25, 19	16.8	4
40	Serum Leptin as a Nutritional Biomarker in Children with Cerebral Palsy. <i>Tohoku Journal of Experimental Medicine</i> , <b>2016</b> , 239, 139-46	2.4	4
39	Association of serum levels of tissue inhibitors of metalloproteinase-1 with clinical outcome in children with biliary atresia. <i>Asian Pacific Journal of Allergy and Immunology</i> , <b>2006</b> , 24, 161-6	5.4	4
38	Blood leukocyte LINE-1 hypomethylation and oxidative stress in knee osteoarthritis. <i>Heliyon</i> , <b>2019</b> , 5, e01774	3.6	3
37	Plasma and Joint Fluid Glypican-3 Are Inversely Correlated with the Severity of Knee Osteoarthritis. <i>Cartilage</i> , <b>2021</b> , 12, 505-511	3	3
36	Interleukin-34 overexpression mediated through tumor necrosis factor-alpha reflects severity of synovitis in knee osteoarthritis. <i>Scientific Reports</i> , <b>2020</b> , 10, 7987	4.9	3
35	Elevated serum heat shock protein 70 and liver stiffness reflect hepatic dysfunction and severity in postoperative biliary atresia. <i>Pediatric Surgery International</i> , <b>2017</b> , 33, 893-899	2.1	3
34	Alteration of inflammatory cytokine production in primary total knee arthroplasty using antibiotic-loaded bone cement. <i>Journal of Orthopaedics and Traumatology</i> , <b>2017</b> , 18, 51-57	5	3
33	First trimester serum inhibin A in normal pregnant women. <i>Archives of Gynecology and Obstetrics</i> , <b>2008</b> , 277, 307-10	2.5	3
32	Osteoinductive potential of small intestinal submucosa/ demineralized bone matrix as composite scaffolds for bone tissue engineering. <i>Asian Biomedicine</i> , <b>2010</b> , 4, 913-922	0.4	3

31	Telomere shortening is associated with poor physical performance in knee osteoarthritis. <i>Biomedical Reports</i> , <b>2020</b> , 13, 27	1.8	3
30	Elevation of serum urokinase plasminogen activator receptor and liver stiffness in postoperative biliary atresia. <i>World Journal of Hepatology</i> , <b>2016</b> , 8, 1471-1477	3-4	3
29	Low bone mineral density and the severity of cholestasis in biliary atresia. <i>World Journal of Hepatology</i> , <b>2017</b> , 9, 746-751	3-4	3
28	No Difference in Pain After Spine Surgery with Local Wound Filtration of Morphine and Ketorolac: A Randomized Controlled Trial. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 2823-2829	2-2	3
27	Relationships between blood leukocyte mitochondrial DNA copy number and inflammatory cytokines in knee osteoarthritis. <i>Journal of Zhejiang University: Science B</i> , <b>2020</b> , 21, 42-52	4-5	3
26	Decreased circulating clusterin reflects severe liver complications after hepatoportoenterostomy of biliary atresia. <i>Scientific Reports</i> , <b>2020</b> , 10, 19736	4-9	3
25	Internalization of Neutrophil-Derived Microvesicles Modulates TNF $\alpha$ -stimulated Proinflammatory Cytokine Production in Human Fibroblast-Like Synoviocytes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6-3	3
24	Circulating and Synovial Fluid Heat Shock Protein 70 Are Correlated with Severity in Knee Osteoarthritis. <i>Cartilage</i> , <b>2020</b> , 11, 323-328	3	3
23	Increased serum glypican-3 is associated with liver stiffness and hepatic dysfunction in children with biliary atresia. <i>Clinical and Experimental Hepatology</i> , <b>2019</b> , 5, 48-54	2-2	2
22	Increased serum sclerostin in postoperative biliary atresia. <i>Clinica Chimica Acta</i> , <b>2015</b> , 442, 136-40	6-2	2
21	Noradrenaline, Serotonin, GABA, and Glycine in Cerebrospinal Fluid during Labor Pain: A Cross-Sectional Prospective Study. <i>Pain Research and Management</i> , <b>2017</b> , 2017, 2752658	2-6	2
20	Glomus tumors of the fingers: Expression of vascular endothelial growth factor. <i>World Journal of Orthopedics</i> , <b>2016</b> , 7, 843-846	2-2	2
19	Do-It-Yourself Microsuture from Human Hair for Basic Microsurgical Training. <i>Journal of Reconstructive Microsurgery</i> , <b>2019</b> , 35, 315-321	2-5	2
18	Diagnostic Value of Interleukin-34 as a Novel Biomarker for Severity of Knee Osteoarthritis. <i>Cartilage</i> , <b>2021</b> , 1947603521990866	3	2
17	Hepatic autotaxin overexpression in infants with biliary atresia. <i>PeerJ</i> , <b>2018</b> , 6, e5224	3-1	2
16	Decreased Serum Adiponectin Reflects Low Vitamin D, High Interleukin 6, and Poor Physical Performance in Knee Osteoarthritis. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , <b>2020</b> , 68, 16	4	1
15	Characteristics and Osteoconductivity of Bone Composite Scaffolds Made of Thai Silk Fibroin, Gelatin and Inorganic Compounds: A Comparative Study of $\beta$ -Tricalcium Phosphate and Hydroxyapatite. <i>Macromolecular Symposia</i> , <b>2015</b> , 354, 258-264	0-8	1
14	Neutrophil-to-lymphocyte ratio predicts the severity of motor impairment in cerebral palsy children living at home and the rehabilitation center: A comparative study. <i>Biomedical Reports</i> , <b>2020</b> , 13, 1-1	1-8	1

13	Stem cell factor in gingival crevicular fluid in periodontal health and disease. <i>Asian Biomedicine</i> , <b>2010</b> , 4, 281-287	0.4	1
12	Serum adipokine levels, bodyweight and functional status in children with cerebral palsy. <i>Obesity Medicine</i> , <b>2019</b> , 16, 100154	2.6	1
11	Cartilage oligomeric matrix protein as a marker of progressive liver fibrosis in biliary atresia. <i>Scientific Reports</i> , <b>2021</b> , 11, 16695	4.9	1
10	Global DNA hypomethylation of Alu and LINE-1 transposable elements as an epigenetic biomarker of anti-tuberculosis drug-induced liver injury. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 1862-1872	18.9	1
9	Hepatic expression of HGF/C-met and native liver survival in biliary atresia. <i>Pediatric Surgery International</i> , <b>2020</b> , 36, 597-602	2.1	0
8	Cellular senescence in liver fibrosis: Implications for age-related chronic liver diseases. <i>Expert Opinion on Therapeutic Targets</i> , <b>2021</b> , 25, 799-813	6.4	0
7	Anatomical Differences Between Foot and Hand Web Space Reconstruction. <i>Journal of Foot and Ankle Surgery</i> , <b>2020</b> , 59, 31-37	1.6	0
6	Isolation of Microvesicles from Human Circulating Neutrophils. <i>Bio-protocol</i> , <b>2021</b> , 11, e3119	0.9	0
5	Relative telomere length and oxidative stress in musculoskeletal tumors. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 4009-4016	2.8	
4	Neutrophil-to-lymphocyte ratio predicts the severity of motor impairment in cerebral palsy children living at home and the rehabilitation center: A comparative study. <i>Biomedical Reports</i> , <b>2020</b> , 13, 63	1.8	
3	RhBMP-2 and -7 combined with absorbable collagen sponge carrier enhance ectopic bone formation: An in vivo bioassay. <i>Asian Biomedicine</i> , <b>2011</b> , 5, 85-92	0.4	
2	Association de la protéine plasmatique et synoviale à l'arthrose radiographique du genou : Étude transversale. <i>Revue Du Rhumatisme (Edition Française)</i> , <b>2016</b> , 83, 428-432	0.1	
1	Systemic cytokine profiles in biliary atresia.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267363	3.7	