

# Søren Jessen

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,163  
citations

567281  
15  
h-index

377865  
34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic in groundwater of the Red River floodplain, Vietnam: Controlling geochemical processes and reactive transport modeling. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 5054-5071.	3.9	340
2	Mobilization of arsenic and iron from Red River floodplain sediments, Vietnam. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3367-3381.	3.9	119
3	Adsorption and desorption of arsenic to aquifer sediment on the Red River floodplain at Nam Du, Vietnam. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 587-600.	3.9	74
4	Controlling geological and hydrogeological processes in an arsenic contaminated aquifer on the Red River flood plain, Vietnam. <i>Applied Geochemistry</i> , 2008, 23, 3099-3115.	3.0	60
5	Surface complexation modeling of groundwater arsenic mobility: Results of a forced gradient experiment in a Red River flood plain aquifer, Vietnam. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 98, 186-201.	3.9	52
6	Beta <sub>2</sub> -adrenoceptor agonist salbutamol increases protein turnover rates and alters signalling in skeletal muscle after resistance exercise in young men. <i>Journal of Physiology</i> , 2018, 596, 4121-4139.	2.9	46
7	Hydrology and pore water chemistry in a permafrost wetland, Ilulissat, Greenland. <i>Water Resources Research</i> , 2014, 50, 4760-4774.	4.2	38
8	Mechanisms underlying enhancements in muscle force and power output during maximal cycle ergometer exercise induced by chronic $\beta_2$ -adrenergic stimulation in men. <i>Journal of Applied Physiology</i> , 2015, 119, 475-486.	2.5	38
9	Decadal variations in groundwater quality: A legacy from nitrate leaching and denitrification by pyrite in a sandy aquifer. <i>Water Resources Research</i> , 2017, 53, 184-198.	4.2	38
10	Palaeo-hydrogeological control on groundwater As levels in Red River delta, Vietnam. <i>Applied Geochemistry</i> , 2008, 23, 3116-3126.	3.0	36
11	Anabolic and lipolytic actions of beta <sub>2</sub> -agonists in humans and antidoping challenges. <i>Drug Testing and Analysis</i> , 2020, 12, 597-609.	2.6	33
12	Beta <sub>2</sub> -adrenergic stimulation increases energy expenditure at rest, but not during submaximal exercise in active overweight men. <i>European Journal of Applied Physiology</i> , 2017, 117, 1907-1915.	2.5	23
13	Hydrogen Thresholds and Steady-State Concentrations Associated with Microbial Arsenate Respiration. <i>Environmental Science &amp; Technology</i> , 2007, 41, 2311-2317.	10.0	21
14	Beta <sub>2</sub> -adrenergic agonist clenbuterol increases energy expenditure and fat oxidation, and induces mTOR phosphorylation in skeletal muscle of young healthy men. <i>Drug Testing and Analysis</i> , 2020, 12, 610-618.	2.6	20
15	Effects of Follicular and Luteal Phase-Based Menstrual Cycle Resistance Training on Muscle Strength and Mass. <i>Sports Medicine</i> , 2022, 52, 2813-2819.	6.5	19
16	Spatio-temporal variations of shallow and deep well groundwater nitrate concentrations along the Indus River floodplain aquifer in Pakistan. <i>Environmental Pollution</i> , 2019, 253, 384-392.	7.5	18
17	Sub-permafrost methane seepage from open-system pingos in Svalbard. <i>Cryosphere</i> , 2020, 14, 3829-3842.	3.9	18
18	$\beta_2$ -Adrenergic agonist salbutamol augments hypertrophy in MHCIIa fibers and sprint mean power output but not muscle force during 11 weeks of resistance training in young men. <i>Journal of Applied Physiology</i> , 2021, 130, 617-626.	2.5	17

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19	Dissolved Inorganic Geogenic Phosphorus Load to a Groundwater-Fed Lake: Implications of Terrestrial Phosphorus Cycling by Groundwater. <i>Water (Switzerland)</i> , 2019, 11, 2213.	2.7	16
20	Single-dose administration of clenbuterol is detectable in dried blood spots. <i>Drug Testing and Analysis</i> , 2020, 12, 1366-1372.	2.6	16
21	Spatiotemporal variation of stable isotopic composition in precipitation: Post-condensational effects in a humid area. <i>Hydrological Processes</i> , 2017, 31, 3146-3159.	2.6	15
22	Effect of beta <sub>2</sub> -adrenergic agonist and resistance training on maximal oxygen uptake and muscle oxidative enzymes in men. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1881-1891.	2.9	14
23	Role of Groundwater-Borne Geogenic Phosphorus for the Internal P Release in Shallow Lakes. <i>Water (Switzerland)</i> , 2019, 11, 1783.	2.7	13
24	An Abductive Inference Approach to Assess the Performance-Enhancing Effects of Drugs Included on the World Anti-Doping Agency Prohibited List. <i>Sports Medicine</i> , 2021, 51, 1353-1376.	6.5	13
25	Numerical modelling of permafrost spring discharge and open-system pingo formation induced by basal permafrost aggradation. <i>Cryosphere</i> , 2020, 14, 4627-4651.	3.9	9
26	The Role of Management of Stream-Riparian Zones on Subsurface-Surface Flow Components. <i>Water (Switzerland)</i> , 2019, 11, 1905.	2.7	8
27	Nitrogen-Loads to Streams: Importance of Bypass Flow and Nitrate Removal Processes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006111.	3.0	8
28	Beta <sub>2</sub> -adrenergic agonists can enhance intense performance and muscle strength in healthy individuals. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2318-2319.	5.7	8
29	Muscle hypertrophic effect of inhaled beta <sub>2</sub> -agonist is associated with augmented insulin-stimulated whole-body glucose disposal in young men. <i>Journal of Physiology</i> , 2022, 600, 2345-2357.	2.9	8
30	Pharmacokinetics of salmeterol and its main metabolite 1-hydroxysalmeterol after acute and chronic dry powder inhalation in exercising endurance-trained men: Implications for doping control. <i>Drug Testing and Analysis</i> , 2021, 13, 747-761.	2.6	7
31	Groundwater transport of Cu in laterites in Zambia. <i>Applied Geochemistry</i> , 2015, 56, 94-102.	3.0	4
32	Beta <sub>2</sub> -agonist increases skeletal muscle interleukin 6 production and release in response to resistance exercise in men. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 1099-1108.	2.9	4
33	No additive effect of acetaminophen when co-ingested with caffeine on cycling performance in well-trained young men. <i>Journal of Applied Physiology</i> , 2021, 131, 238-249.	2.5	3
34	Early historical forest clearance caused major degradation of water quality at Lake Våløng, Denmark. <i>Anthropocene</i> , 2021, 35, 100302.	3.3	2
35	Effect of one-week oral or inhaled salbutamol treatment with washout on repeated sprint performance in trained subjects. <i>Translational Sports Medicine</i> , 2021, 4, 241-249.	1.1	0