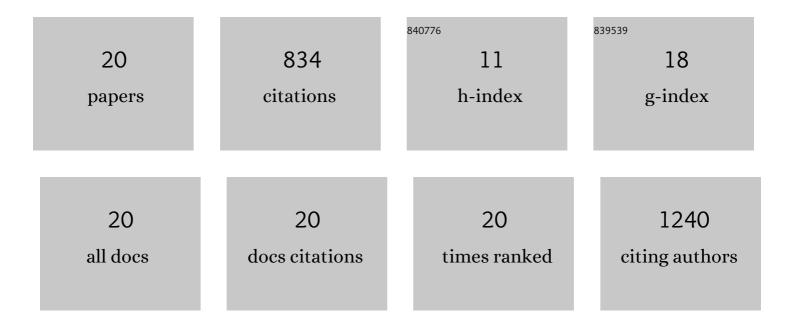
Frantisek Zemek

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sunâ€induced fluorescence – a new probe of photosynthesis: First maps from the imaging spectrometerÂ <i>HyPlant</i> . Global Change Biology, 2015, 21, 4673-4684.	9.5	213
2	Red and far red Sunâ€induced chlorophyll fluorescence as a measure of plant photosynthesis. Geophysical Research Letters, 2015, 42, 1632-1639.	4.0	171
3	Scientific and technical challenges in remote sensing of plant canopy reflectance and fluorescence. Journal of Experimental Botany, 2009, 60, 2987-3004.	4.8	135
4	The High-Performance Airborne Imaging Spectrometer HyPlant—From Raw Images to Top-of-Canopy Reflectance and Fluorescence Products: Introduction of an Automatized Processing Chain. Remote Sensing, 2019, 11, 2760.	4.0	53
5	Long-term functioning of a species-rich mountain meadow under different management regimes. Agriculture, Ecosystems and Environment, 2009, 132, 192-202.	5.3	42
6	Mapping forest aboveground biomass using airborne hyperspectral and LiDAR data in the mountainous conditions of Central Europe. Ecological Engineering, 2017, 100, 219-230.	3.6	42
7	Positive long-term effect of mulching on species and functional trait diversity in a nutrient-poor mountain meadow in Central Europe. Agriculture, Ecosystems and Environment, 2011, 145, 10-28.	5.3	40
8	Analysis of land consolidation projects and their impact on land use change, landscape structure, and agricultural land resource protection: case studies of Pilsen-South and Pilsen-North (Czech) Tj ETQq0 0 0 rgBT /C)ve ilo ck 1	0 T £§ 0 457 T
9	Improved Temperature and Emissivity Separation Algorithm for Multispectral and Hyperspectral Sensors. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1944-1953.	6.3	26
10	Spatial distribution of dental fluorosis in roe deer (Capreolus capreolus) from North Bohemia (Czech) Tj ETQq0 C 370, 491-505.	0 rgBT /C 8.0	overlock 10 Tf 19
11	Comparison of Global and Continental Land Cover Products for Selected Study Areas in South Central and Eastern European Region. Remote Sensing, 2018, 10, 1967.	4.0	17
12	Relationships between the normalised difference vegetation index and temperature fluctuations in post-mining sites. International Journal of Mining, Reclamation and Environment, 2018, 32, 254-263.	2.8	11
13	Habitat requirements of the long-tailed ground squirrel (Spermophilus undulatus) in the southern Altai. Journal of Zoology, 2006, 270, 060606025751010-???.	1.7	10
14	Composite indicator for monitoring of Norway spruce stand decline. European Journal of Remote Sensing, 2017, 50, 550-563.	3.5	9
15	Spectral monitoring of wheat canopy under uncontrolled conditions for decision making purposes. Computers and Electronics in Agriculture, 2016, 125, 81-88.	7.7	6
16	Predicting the toxicity of post-mining substrates, a case study based on laboratory tests, substrate chemistry, geographic information systems and remote sensing. Ecological Engineering, 2017, 100, 56-62.	3.6	4
17	Advantage of multispectral imaging with sub-centimeter resolution in precision agriculture: generalization of training for supervised classification. Precision Agriculture, 2017, 18, 615-634.	6.0	4
18	A Spectral Emissivity Library of Spoil Substrates. Data, 2016, 1, 12.	2.3	2

#	Article	IF	CITATIONS
19	EVALUATING THE POTENTIAL OF SATELLITE HYPERSPECTRAL RESURS-P DATA FOR FOREST SPECIES CLASSIFICATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B1, 443-448.	0.2	2
20	VISUALISATION OF DEPENDENCIES BETWEEN CITY STRUCTURE AND THERMAL BEHAVIOUR IN BRNO. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 741-745.	0.2	0