

# Alzbeta Brychtova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7426562/publications.pdf>

Version: 2024-02-01

18  
papers

289  
citations

1307594

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1199594

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18  
all docs

18  
docs citations

18  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eye-tracking Study on Different Perception of 2D and 3D Terrain Visualisation. Cartographic Journal, 2013, 50, 240-246.	1.5	61
2	An Empirical User Study for Measuring the Influence of Colour Distance and Font Size in Map Reading Using Eye Tracking. Cartographic Journal, 2016, 53, 202-212.	1.5	46
3	The effect of spatial distance on the discriminability of colors in maps. Cartography and Geographic Information Science, 2017, 44, 229-245.	3.0	40
4	Using a fuzzy inference system to delimit rural and urban municipalities in the Czech republic in 2010. Journal of Maps, 2015, 11, 231-239.	2.0	31
5	Perceptual complexity of soil-landscape maps: a user evaluation of color organization in legend designs using eye tracking. International Journal of Digital Earth, 2017, 10, 560-581.	3.9	31
6	Discriminating classes of sequential and qualitative colour schemes. International Journal of Cartography, 2015, 1, 62-78.	0.4	29
7	Analytical material for planning in Olomouc, Czech Republic. Journal of Maps, 2016, 12, 649-654.	2.0	11
8	Background and foreground interaction: Influence of complementary colors on the search task. Color Research and Application, 2015, 40, 437-445.	1.6	8
9	Advanced Map Optimization Based on Eye-Tracking. , 2012, , .		5
10	Exploring the Influence of Colour Distance and Legend Position on Choropleth Maps Readability. Lecture Notes in Geoinformation and Cartography, 2015, , 303-314.	1.0	5
11	Calculating Colour Distance on Choropleth Maps with Sequential Colours "A Case Study with ColorBrewer 2.0. KN - Journal of Cartography and Geographic Information, 2017, 67, 53-60.	2.4	5
12	EYE-TRACKING METHODS FOR INVESTIGATION OF CARTOGRAPHIC PRINCIPLES. , 2012, , .		5
13	WEB-DESIGN EVALUATION OF THE CRISIS MAP OF THE CZECH REPUBLIC USING EYE-TRACKING. , 2013, , .		5
14	GREEN VERSUS RED: EYE-TRACKING EVALUATION OF SEQUENTIAL COLOUR SCHEMES. , 2014, , .		4
15	Mapping and Visualisation of Activities in Special Education. Procedia, Social and Behavioral Sciences, 2014, 112, 1106-1120.	0.5	2
16	On Shape Metrics in Cartographic Generalization: A Case Study of the Building Footprint Geometry. Lecture Notes in Geoinformation and Cartography, 2015, , 397-407.	1.0	1
17	Advanced visibility analyses and visibility evaluation using eye-tracking. , 2013, , .		0
18	SPATIAL DISTRIBUTION OF SPECIAL EDUCATION FOR VISION IMPAIRED PEOPLE. SOCIETY INTEGRATION EDUCATION Proceedings of the International Scientific Conference, 0, 3, 181.	0.0	0