

### Qualifications of the individual for defining area of expertise

Name/ Birth year	<b>Elżbieta Pociask</b> / 1985
Title (year degree obtained) / Prof. status	Ph. D. Eng. (2019) / research scientist
Address <sup>1</sup>	AGH University of Science and Technology, 30, Mickiewicza Ave. 30-059 Krakow, Poland phone: (+4812) 6175065, mobile: +48 668006813 epociask@agh.edu.pl, <a href="http://home.agh.edu.pl/~epociask">http://home.agh.edu.pl/~epociask</a> ORCID: 0000-0001-8938-1089
Area of expertise <sup>2</sup>	image processing, biomedical signal processing
Relevant (best) publications <sup>3</sup>	<ol style="list-style-type: none"> <li>1. Tomasz Roleder, <b>Elżbieta Pociask</b>, Wojciech Wanha, Paweł Gasior, Magdalena Dobrolinska, Magdalena Garncarek, Przemysław Pietraszewski, Radosław Kurzelowski, Grzegorz Smolka, Wojciech Wojakowski / <i>Multimodality intravascular imaging of bioresorbable vascular scaffolds implanted in vein grafts</i> / <i>Adv Interv Cardiol</i> 2019; 15, 2 (56): 151–157, DOI:<a href="https://doi.org/10.5114/aic.2019.86010">https://doi.org/10.5114/aic.2019.86010</a>, (<b>IF= 1.16</b>)</li> <li>2. Zasada W, Slezak M, <b>Pociask E</b>, Malinowski KP, Proniewska K, Buszman P, Milewski K, Granada JF, Kaluza GL. „<i>In vivo comparison of key quantitative parameters measured with 3D peripheral angiography, 2D peripheral quantitative angiography and intravascular ultrasound</i>” / <i>Int J Cardiovasc Imaging</i>. 2019 Feb;35(2):215-223. doi: 10.1007/s10554-019-01529-5. Epub 2019 Feb 22. (<b>IF 2.036</b>)</li> <li>3. <b>E. Pociask</b>, K.P. Malinowski, M. Ślęzak, J. Jaworek-Korjakowska, W. Wojakowski, T. Roleder, <i>Fully Automated Lumen Segmentation Method for Intracoronary Optical Coherence Tomography</i>. / <i>Journal of Healthcare Engineering</i>, Volume 2018, Article ID 1414076, 13 pages <a href="https://doi.org/10.1155/2018/1414076">https://doi.org/10.1155/2018/1414076</a>. (<b>IF= 1.295</b>)</li> <li>4. <b>E. Pociask</b>, J. Jaworek-Korjakowska, K.P. Malinowski, T. Roleder, W. Wojakowski, / <i>Fully Automated Lipid Pool Detection Using Near Infrared Spectroscopy</i> / <i>Computational and Mathematical Methods in Medicine</i>, Volume 2016, Article ID 1487859, 9 pages <a href="http://dx.doi.org/10.1155/2016/1487859">http://dx.doi.org/10.1155/2016/1487859</a> (<b>IF= 1.563</b>)</li> <li>5. S. Nakatani; K. Proniewska; <b>E. Pociask</b>; G. Paoletti; S. de Winter; T. Muramatsu; N. Bruining <i>How Clinically Effective is Intravascular Ultrasound in Interventional Cardiology? Present and Future Perspectives</i>, / <i>Expert Rev. Med. Devices</i> 10(6), 735–749 (2013), (<b>IF = 2.094</b>)</li> </ol>
Publications statistics:	<b>Google Scholar:</b> Publications: 12, Citations: 52, H-index: 3 <b>Web of Science:</b> Publications: 15, Citations: 20, H-index: 2
Other <sup>4</sup>	<i>didactic responsibilities</i> 2014-2018, teacher at AGH-UST, ”Algorithms and data structures” and ”Computer Programming” 2017 – to date, teacher at AGH-UST, ”Statistics and Probability”

<sup>1</sup> Organisation, street address, telephone, email, web page

<sup>2</sup> With keywords characterising your field(-s) of expertise

<sup>3</sup> Max. 10

<sup>4</sup> List didactic, major grants, conference responsibilities, professional recognitions, memberships, journals, patents, etc.

	<p><i>conference responsibilities:</i></p> <ul style="list-style-type: none"><li>• 20-th Polish Conference on Biocybernetics and Biomedical Engineering PCBBE 2017, in Krakow</li><li>• Workshops of intravascular imaging during conferences : NFIC 2016 and NFIC 2017 in Krakow</li><li>• Computing in Cardiology 2012, in Krakow</li></ul> <p><i>memberships</i></p> <ul style="list-style-type: none"><li>• Polish Society of Cardiology - since 2013</li></ul>
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