Petr Strakoš

List of Publications by Year
in descending order

		2258059	2053705
10 papers	**34** citations	**3** h-index	**5** g-index
11 all docs	**11** docs citations	**11** times ranked	**42** citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of K-means segmentation algorithm on Intel Xeon Phi and GPU: Application in medical imaging. Advances in Engineering Software, 2017, 103, 21-28.	3.8	21
2	GPU Accelerated Path Tracing of Massive Scenes. ACM Transactions on Graphics, 2021, 40, 1-17.	7.2	4
3	Rendering in Blender Cycles using MPI and Intel® Xeon Phi™. , 2017, , .		3
4	Acceleration of Blender Cycles Path-Tracing Engine Using Intel Many Integrated Core Architecture. Lecture Notes in Computer Science, 2015, , 86-97.	1.3	3
5	Adaptive model predictive control as a prospect for control of machine tools with significant flexibility. AIP Conference Proceedings, 2015, , .	0.4	2
6	Parallel Implementation of Collaborative Filtering Technique for Denoising of CT Images. Lecture Notes in Computer Science, 2016, , 126-140.	1.3	1
7	Detection of Orbital Floor Fractures by Principal Component Analysis. Lecture Notes in Computer Science, 2016, , 129-138.	1.3	0
8	Procedure for modification of a head scan for cranial orthosis design. AIP Conference Proceedings, 2019, , .	0.4	0
9	Interactive rendering with blender cycles for virtual reality using high performance computing clusters. AIP Conference Proceedings, 2019, , .	0.4	0
10	Implementation of BM3D Filter on Intel Xeon Phi for Rendering in Blender Cycles. Lecture Notes in Computer Science, 2018, , 101-114.	1.3	0