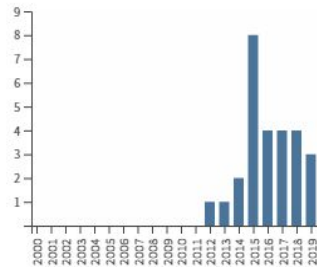


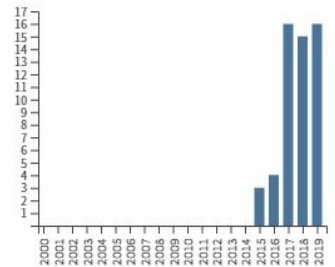
Article Group for: Hudak, Radovan

Timespan=2012-2019. Indexes=BKCI-S, ESCI, SSCI, BKCI-SSH, SCI-EXPANDED, IC, A&amp;HCI, CPCI-SSH, CPCI-S, CCR-EXPANDED.

Total Publications by Year



Sum of Times Cited by Year



Results found: 27  
 Sum of the Times Cited: 54  
 Average Citations per Item: 2.00  
 h-index: 4

	2015	2016	2017	2018	2019	Total	Average Citations per Year
1. <b>Title:</b> Influence of Build Orientation, Heat Treatment, and Laser Power on the Hardness of Ti6Al4V Manufactured Using the DMLS Process <b>By:</b> Guzanova, Anna; Izarikova, Gabriela; Brezinova, Janette; et al. <b>Source:</b> METALS <b>Volume:</b> 7 <b>Issue:</b> 8 <b>Article Number:</b> 318 <b>Published:</b> AUG 2017	0	0	0	2	5	7	2.33
2. <b>Title:</b> Influence of Fixation on Magnetic Properties of Glass-Coated Magnetic Microwires for Biomedical Applications <b>By:</b> Hudak, Radovan; Varga, Rastislav; Hudak, Jozef; et al. <b>Source:</b> IEEE TRANSACTIONS ON MAGNETICS <b>Volume:</b> 51 <b>Issue:</b> 1 <b>Article Number:</b> 5200104 <b>Part:</b> 1 <b>Published:</b> JAN 2015	1	0	5	1	0	7	1.40
3. <b>Title:</b> Addition of molybdenum into amorphous glass-coated microwires usable as temperature sensors in biomedical applications <b>By:</b> Hudak, Radovan; Varga, Rastislav; Polacek, Irenej; et al. <b>Source:</b> PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE <b>Volume:</b> 213 <b>Issue:</b> 2 <b>Pages:</b> 377-383 <b>Published:</b> FEB 2016	0	0	4	0	1	5	1.25
4. <b>Title:</b> MATERIAL AND THERMAL ANALYSIS OF LASER SINTERED PRODUCTS <b>By:</b> Hudak, Radovan; Sarik, Martin; Dadej, Robert; et al. <b>Source:</b> ACTA MECHANICA ET AUTOMATICA <b>Volume:</b> 7 <b>Issue:</b> 1 <b>Pages:</b> 15-19 <b>Published:</b> MAR 2013	1	2	0	1	1	5	0.71
5. <b>Title:</b> FEA simulation of thermal processes during the direct metal laser sintering of Ti64 titanium powder <b>By:</b> Zivcak, J.; Sarik, M.; Hudak, R. <b>Source:</b> MEASUREMENT <b>Volume:</b> 94 <b>Pages:</b> 893-901 <b>Published:</b> DEC 2016	0	0	2	1	0	3	0.75
6. <b>Title:</b> Direct Metal Laser Sintering of Ti6Al4V for Biomedical Applications: Microstructure, Corrosion Properties, and Mechanical Treatment of Implants <b>By:</b> Brezinova, Janette; Hudak, Radovan; Guzanova, Anna; et al. <b>Source:</b> METALS <b>Volume:</b> 6 <b>Issue:</b> 7 <b>Article Number:</b> 171 <b>Published:</b> JUL 2016	0	0	2	1	0	3	0.75
7. <b>Title:</b> DIMENSIONAL VERIFICATION AND QUALITY CONTROL OF IMPLANTS PRODUCED BY ADDITIVE MANUFACTURING <b>By:</b> Toth, Teodor; Hudak, Radovan; Zivcak, Jozef <b>Source:</b> QUALITY INNOVATION PROSPERITY-KVALITA INOVACIA PROSPERITA <b>Volume:</b> 19 <b>Issue:</b> 1 <b>Pages:</b> 9-21 <b>Published:</b> 2015	0	0	0	3	0	3	0.60

	2015	2016	2017	2018	2019	Total	Average Citations per Year
8. <b>Title:</b> Biomedical applications of glass-coated microwires <b>By:</b> Kozejova, D.; Fecova, L.; Klein, P.; et al. <b>Conference:</b> 2nd International Baltic Conference on Magnetism (IBCM) - Focus on Functionalized Magnetic Structures for Energy and Biotechnology <b>Location:</b> Immanuel Kant Balt Fed Univ, Svetlogorsk, RUSSIA <b>Date:</b> AUG 20-24, 2017 <b>Sponsor(s):</b> Immanuel Kant Balt Fed Univ, Russian Acad Excellence Project; Russian Fdn Basic Res <b>Source:</b> JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS <b>Volume:</b> 470 <b>Special Issue:</b> SI <b>Pages:</b> 2-5 <b>Published:</b> JAN 15 2019	3	4	16	15	16	54	10.80
9. <b>Title:</b> Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor <b>By:</b> Dzian, Anton; Zivcak, Jozef; Penciak, Rastislav; et al. <b>Source:</b> WORLD JOURNAL OF SURGICAL ONCOLOGY <b>Volume:</b> 16 <b>Article Number:</b> 7 <b>Published:</b> JAN 15 2018	0	0	0	2	0	2	1.00
10. <b>Title:</b> Nanocrystalline Magnetic Glass-Coated Microwires Using the Effect of Superparamagnetism Are Usable as Temperature Sensors in Biomedical Applications <b>By:</b> Hudak, Radovan; Polacek, Irenej; Klein, Peter; et al. <b>Conference:</b> 11th European Conference on Magnetic Sensors and Actuators (EMSA) <b>Location:</b> Torino, ITALY <b>Date:</b> JUL 12-15, 2016 <b>Sponsor(s):</b> Italian Natl Res Inst Metrol <b>Source:</b> IEEE TRANSACTIONS ON MAGNETICS <b>Volume:</b> 53 <b>Issue:</b> 4 <b>Article Number:</b> 5300305 <b>Part:</b> 1 <b>Published:</b> APR 2017	0	0	0	1	1	2	0.67

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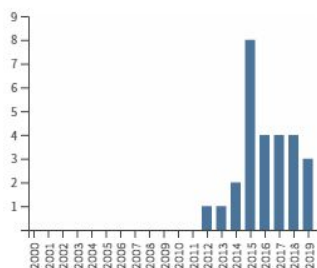
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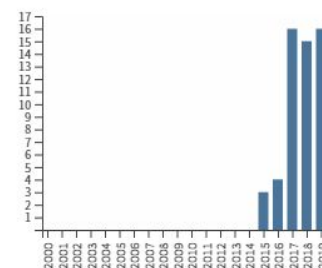
Article Group for: Hudak, Radovan

Timespan=2012-2019. Indexes=BKCI-S, ESCI, SSCI, BKCI-SSH, SCI-EXPANDED, IC, A&amp;HCI, CPCI-SSH, CPCI-S, CCR-EXPANDED.

Total Publications by Year



Sum of Times Cited by Year



Results found: 27  
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 h-index: 4

	2015	2016	2017	2018	2019	Total	Average Citations per Year
11. <b>Title:</b> Novel Applications of Bistable Magnetic Microwires <b>By:</b> Sabol, R.; Klein, P.; Ryba, T.; et al. <b>Source:</b> ACTA PHYSICA POLONICA A <b>Volume:</b> 131 <b>Issue:</b> 4 <b>Pages:</b> 1150-1152 <b>Part:</b> 2 <b>Published:</b> APR 2017	3	4	16	15	16	54	10.80
12. <b>Title:</b> Usage of Industrial Computed Tomography for Evaluation of Custom-Made Implants <b>By:</b> Hudak, Radovan; Zivcak, Jozef; Toth, Teodor; et al. <b>Edited by:</b> Bris, R; Majernik, J; Pancierz, K; et al. <b>Conference:</b> 10th International Conference on Digital Technologies (DT 2014) <b>Location:</b> Zilina, SLOVAKIA <b>Date:</b> JUL, 2014 <b>Source:</b> APPLICATIONS OF COMPUTATIONAL INTELLIGENCE IN BIOMEDICAL TECHNOLOGY <b>Book Series:</b> Studies in Computational Intelligence <b>Volume:</b> 606 <b>Pages:</b> 29-45 <b>Published:</b> 2016	0	0	0	1	1	2	0.50
13. <b>Title:</b> Segmentation of MRI Data to Extract the Blood Vessels Based on Fuzzy Thresholding <b>By:</b> Kubicek, Jan; Penhaker, Marek; Pavelova, Karolina; et al. <b>Edited by:</b> Barbucha, D; Nguyen, NT; Batubara, J <b>Conference:</b> 7th Asian Conference on Intelligent Information and Database Systems (ACIIDS) <b>Location:</b> Bali, INDONESIA <b>Date:</b> MAR 23-25, 2015 <b>Source:</b> NEW TRENDS IN INTELLIGENT INFORMATION AND DATABASE SYSTEMS <b>Book Series:</b> Studies in Computational Intelligence <b>Volume:</b> 598 <b>Pages:</b> 43-52 <b>Published:</b> 2015	0	0	1	0	1	2	0.40
14. <b>Title:</b> Effect of the Fixation Patterns on Magnetic Characteristics of Amorphous Glass-Coated Sensoric Microwires <b>By:</b> Hudak, R.; Varga, R.; Hudak, J.; et al. <b>Conference:</b> 15th Czech and Slovak Conference on Magnetism (CSMAG) <b>Location:</b> Kosice, SLOVAKIA <b>Date:</b> JUN 17-21, 2013 <b>Sponsor(s):</b> P J Safarik Univ, Fac Sci; Slovak Acad Sci, Inst Expt Phys; Slovak Phys Soc; Union Czech Mathematicians & Physicists; Czech Phys Soc; Quantum Design; LOT Oriel Grp Europe; Cryogen Ltd; Cryosoft s r o; ChromSpec Slovakia s r o; SEVT a s; Mineralne vody a s; Tech Univ; Slovak Magnet Soc <b>Source:</b> ACTA PHYSICA POLONICA A <b>Volume:</b> 126 <b>Issue:</b> 1 <b>Pages:</b> 417-418 <b>Published:</b> JUL 2014	1	0	1	0	0	2	0.33
15. <b>Title:</b> Determination of geometrical and viscoelastic properties of PLA/PHB samples made by additive manufacturing for urethral substitution <b>By:</b> Balogova, Alena Findrik; Hudak, Radovan; Toth, Teodor; et al. <b>Source:</b> JOURNAL OF BIOTECHNOLOGY <b>Volume:</b> 284 <b>Pages:</b> 123-130 <b>Published:</b> OCT 20 2018	0	0	0	0	1	1	0.50
16. <b>Title:</b> Magnetically Bistable Microwires: Properties and Applications for Magnetic Field, Temperature, and Stress Sensing <b>By:</b> Varga, Rastislav; Klein, Peter; Sabol, Rudolf; et al. <b>Edited by:</b> Zhukov, A <b>Source:</b> HIGH PERFORMANCE SOFT MAGNETIC MATERIALS <b>Book Series:</b> Springer Series in Materials Science <b>Volume:</b> 252 <b>Pages:</b> 169-212 <b>Published:</b> 2017	0	0	0	1	0	1	0.33

	2015	2016	2017	2018	2019	Total	Average Citations per Year
17. <b>Title:</b> AUTOMATIZATION OF CONTACT PRESSURE MEASUREMENT BETWEEN TRUNK ORTHOSIS AND PATIENT'S BODY USING A MATRIX TACTILE SENSOR <b>By:</b> Hudak, Radovan; Rajtukova, Viktoria; Zivcak, Jozef <b>Source:</b> ACTA MECHANICA ET AUTOMATICA <b>Volume:</b> 9 <b>Issue:</b> 1 <b>Pages:</b> 38-43 <b>Published:</b> MAR 2015	3	4	16	15	16	54	10.80
18. <b>Title:</b> Experimental measuring of the roughness of test samples made using DMLS technology from the Titanium alloy Ti-6Al-4V <b>By:</b> Schnitzer, Marek; Lisy, Martin; Hudak, Radovan; et al. <b>Conference:</b> IEEE 13th International Symposium on Applied Machine Intelligence and Informatics (SAMI) <b>Location:</b> Herl'any, SLOVAKIA <b>Date:</b> JAN 22-24, 2015 <b>Source:</b> 2015 IEEE 13TH INTERNATIONAL SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI) <b>Pages:</b> 31-36 <b>Published:</b> 2015	0	1	0	0	0	1	0.20
19. <b>Title:</b> Mechanical Properties of Lumbar Bilateral Systems Using Two Different Spinal Rods are Comparable <b>By:</b> Hudak, Radovan; Polacek, Irenaj; Fedorova, Lucia; et al. <b>Edited by:</b> Lackovic, I; Vasic, D <b>Conference:</b> 6th European Conference of the International-Federation-for-Medical-and-Biological-Engineering (MBEC) <b>Location:</b> Dubrovnik, CROATIA <b>Date:</b> SEP 07-11, 2014 <b>Sponsor(s):</b> Croatian Med & Biolog Engn Soc; Int Federat Med & Biolog Engn; Minist Sci Educ & Sports Republic Croatia; Minist Health Republic Croatia; Univ Zagreb, Fac Elect Engn & Comp; European Alliance Med & Biolog Engn & Sci; European Cooperat Sci & Technol <b>Source:</b> 6TH EUROPEAN CONFERENCE OF THE INTERNATIONAL FEDERATION FOR MEDICAL AND BIOLOGICAL ENGINEERING <b>Book Series:</b> IFMBE Proceedings <b>Volume:</b> 45 <b>Pages:</b> 285-289 <b>Published:</b> 2015	0	0	0	0	1	1	0.20
20. <b>Title:</b> Hemodynamic Parameters Measurement Using Pulsed Doppler Effect <b>By:</b> Kubicek, J.; Penhaker, M.; Grepl, J.; et al. <b>Conference:</b> 13th IFAC and IEEE Conference on Programmable Devices and Embedded Systems <b>Location:</b> Cracow, POLAND <b>Date:</b> MAY 13-15, 2015 <b>Source:</b> IFAC PAPERSONLINE <b>Volume:</b> 48 <b>Issue:</b> 4 <b>Pages:</b> 409-412 <b>Published:</b> 2015	0	1	0	0	0	1	0.20

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3	4	16	15	16	54	10.80
0	0	0	0	0	0	0.00

27. **Title:** The use of matrix tactile sensors (MTS) for diagnostics of the efficiency of production, testing and application of a trunk orthosis  
**By:** Hudak, R.; Rajt'ukova, V.; Zivcak, J.; et al.  
**Edited by:** Szakal, A  
**Conference:** 13th IEEE International Symposium on Computational Intelligence and Informatics (CINTI)  
**Location:** Budapest, HUNGARY **Date:** NOV 20-22, 2012 **Sponsor(s):** IEEE  
**Source:** 13TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND INFORMATICS (CINTI 2012) **Book Series:** International Symposium on Computational Intelligence and Informatics **Pages:** 299-304 **Published:** 2012

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