

Scientific works of Vazha Shilakadze

№	Title of scientific works	printed or handwritten	Publisher magazine (issue, year) or copyright certificate number	Printed plate or number of pages	Co-author surnames
1	2	3	4	5	6
160-163					
1	Rotors with variable parameters in dynamics for big wind power stations.	print	Collection of proceedings of the XIX International Scientific and Technical Conference "Mechanical Engineering and Technosphere of the XXI Century", September 17-22, 2012 Donetsk - Sevastopol. Donetsk National Technical University. Volume 3. 261 pages. http://www.dgtu.donetsk.ua BBK K5ya54, UDC 621.01(06). ISSN 2079-2670.	221-227	R. Turmanidze
2	Bearing calculation and construction	print	References for practical and course works, © sagamomcemlo saxli,, teqniki universitii", Tbilisi 2012, ISBN 978-9941-20-140-0, http://www.gtu.ge/publishinghouse/	37	R.Turmanidze
3	cutting calculation and construction,	print	References for practical and course works, © sagamomcemlo saxli,, teqniki universitii", Tbilisi 2012, ISBN 978-9941-20-141-7, http://www.gtu.ge/publishinghouse/	33	R.Turmanidze
4	Study of Increasing the Efficiency of Wind Power Plants by Using Propellers with the Possibility of Changing Geometric Parameters in Dynamics	print	Abstracts of the IX International Scientific and Technical Conference "Advanced Technologies of the Life Cycle of Aircraft Engines and Power Plants", September 24-29, 2012, 180 p. Ukraine, Zaporozhye-Alushta. Zaporizhzhia National Technical University. УДК 621.438(06)	31-33	R.S. Turmanidze T.S. Aptsiauri

5	Designs of rotors with variable geometry parameters and effectiveness of their use in wind energy	print	Proceedings of the 13 th International Conference on Tools, ICT 2012. 27-28 march 2012. University of Miskolc, Hungary. Session (G). ISBN 978-963-9988-35-4.	435-440	R.S. Turmanidze T.S. Aptsiauri
6	Rotors with variable parameters in dynamics for big wind power stations.	Печ.	Proceedings of the VI International Scientific and Methodological Conference "Modern Problems of the Technosphere and Training of Engineering Personnel" October 11-18, 2012, Djerba, Tunis. Donetsk National Technical School university. Donetsk. BBC KY54; UDC 621.01(06). ISSN 2079-2530. http://www.donntu.edu.ua	67-73	R.S. Turmanidze
7	Calculation and construction of axial tools	print	References for practical and course works, © sagamomcemlo saxli,,teqnikuri universitii", Tbilisi 2012, ISBN 978-9941-20-143-1, http://www.gtu.ge/publishinghouse/	23	R.S. Turmanidze
8	Increasing the efficiency of wind power plants using rotors of new designs with variable parameters in dynamics.	print	Proceedings of the International Scientific and Technical Conference "Machine-Building Technologies and Automation Engineering – 2012". 09-15 July 2012 Yerevan. ISBN 978-9939-55-781-6. UDC 621:06yu BBC 34.4. M 382.	272-277	R.S. Turmanidze T.S. Aptsiauri
9	Calculation and construction of a disk milling cutter,	print	References for practical and course works, © sagamomcemlo saxli,,teqnikuri universitii", Tbilisi 2012, ISBN 978-9941-20-142-4, http://www.gtu.ge/publishinghouse/	27	R.S. Turmanidze

10	Constructing of metal cutting tools	print	Textbook, © sagamomcemlo saxli, "teqnikuri university", Tbilisi 2012, ISBN 978-9941-20-132-5, http://www.gtu.ge/publis hinghouse/	188	c. Bokuchava R. Turmanidze
11	Design and manufacture of machine-building products	print	Handbook, Tbilisi 2012, electronic version, CD 979	84	R. Turmanidze, M. Shvangiradze, M. Talakvadze, d. Butskhrikidze, N. Bakradze
12	Calculation and construction of dental tools,	print	Textbook, © sagamomcemlo saxli, "teqnikuri universitie", Tbilisi 2014, ISBN 978-9941-20-488-3, http://www.gtu.ge/publis hinghouse/	42	R. Turmanidze,
13	A report on the strength of a wind rotor blade.	pr	Georgian Technical University, Proceedings, #2(500) 2016	5pg	M. Shvangiradze
14	Method for increasing the accuracy of rolling bearing rings microgeometry by adjustment of superfinish devices dynamic stiffness	print	AIR TRANSPORT AviationUniversity of Georgia ISSN 1512-4916 №1(11)/2016	7pg	
15	Processing of materials by cutting, practical works	print	Help guide for practical works © sagamomcemlo saxli,,teqnikuri universitii", Tbilisi 2017, ISBN 978-9941-20-919-2 http://www.gtu.ge/publis hinghouse/	67	R. Turmanidze, M. Shvangiradze
16	Processing of materials by cutting, laboratory works	print	Help guide for practical works © sagamomcemlo saxli,,teqnikuri universitii", Tbilisi 2017, ISBN 978-9941-20-920-8, http://www.gtu.ge/publis hinghouse/	112	R. Turmanidze, M. Talakvadze, V. Nadaraya
17	Reinforcement of the Composite Materials by Basalt Fiber	print	15 th INTERNATIONAL CONFERENCE MODELLING IN MECHANICS 2017, January 19-20, OSTRAVA, ISBN 978-80-248-4010-9, Technical University of Ostrava	8pg	M. Shvangiradze
18	Grinding technology of cutting tools	print	Handbook, Tbilisi 2018, electronic version, CD-4721. Stu, Central Library	129	

19	Laboratory work in the technology of sharpening cutting tools	print	Auxiliary manual for laboratory work, Tbilisi 2020, electronic version, CD-6191. Stu, Central Library	55	
	Optimization of the basalt web in a polymer composite in the manufacture of a wind turbine.	pr	Gtu, Faculty of Energy and Telecommunication s. #4(96)/2020	5pg	M. Shvangiradze D. Bucxrikidze.
20	Basalt fiber woven wind rotor manufacturing technology.	pr	Transport and machine-building. Scientific journal. #1(50)2021	9pg	M. Shvangiradze D. Bucxrikidze.
21	Prospects of wind generators in Georgia.	pr	6 th Georgian-Polish International Scientific Conference, TransportBridge Europe-Asia, 2022, 26-28 september, Tbilisi, ISBN 978-9941-8-4775-2, Dedicadet to the 100 th anniversary of GTU	6pg	M. Shvangiradze, K. Inasharidze