No.	Project Title	Researcher	<u>.                                    </u>	Unit	Execution Period
1	Determining the Physical, Mechanical, and Chemical Properties of Timber from Commercial Species in Northern Iran	Abdolrahman Hossein Zadeh		Alborz Research Complex	1976–1986
2	Study of the Physical, Mechanical, and Saturation Properties of Suitable Species (Planted and Forest Trees) for Utility Poles and Development of Quality Standards	Abdolrahman Hosse	Abdolrahman Hossein Zadeh		1981–1983
3	Examining the Effect of Planting Distance on the Wood Properties of Successful Poplar Clones in Safrabasteh	Abdolrahman Hosse	ein Zadeh	Alborz Research Complex	1983–1986
4	Investigating the Polymerization Conditions of Urea- Formaldehyde Resin on Bond Strength	Ahmad Jahan La		Alborz Research Complex	1987–1988
5	Study of the Technological Properties of Poplar Clones (Euramericana p.x)	Abdolrahman Hosse	ein Zadeh	Alborz Research Complex	1987–1989
6	Improving the Quality of Iranian Woods Using Radio Polymerization	Abdolrahman Hossein Zadeh		Alborz Research Complex	1987–1989
7	Investigating the Possibility of Producing Pencil Wood in Iran	Gholamreza Afraz		Alborz Research Complex	1983–1993
8	Study of the Physical and Mechanical Properties of Tree Species in the First Phase of Compatibility Tests Across Different Regions in Iran (Khuzestan)	Abdolrahman Hosse	Abdolrahman Hossein Zadeh		1985–1988
9	Investigating the Characteristics of Pulp and Papermaking from Eucalyptus Camaldulensis Wood	Ahmad Jahan La	ntibari	Alborz Research Complex	1989–1991
10	Exploring the Use of Rice Straw in the Paper Industry	Abbas Fakhrayan l	Roghani	Alborz Research Complex	1992–1995
11	Comparative Study of the Papermaking Properties of Hornbeam and Beech	Abdolrahman Hossein Zadeh		z Research omplex	1992–1995
12	Industrial Use of Palm Components in the Country (Joint Project with the Ministry of Industries)	Ahmad Jahan Latibari	Co	z Research omplex	1992–1995
13	Primary Wood Properties of Four Tamarix Species	Abdolrahman Hossein Zadeh	Co	z Research omplex	1991–1995
14	Determining the Buffering Capacity and Acidity of Iranian	Ahmad Jahan Latibari		z Research omplex	1991–1995

	Industrial Woods			
15	Investigating the Characteristics of Composite Boards Made from Poplar Wood Produced in Two-Year Short-Term Cycles	Morteza Nazarian	Alborz Research Complex	1998–1999
16	Studying the Physical, Chemical, and Anatomical Properties of Tamarix Wood from Various Regions in Iran	Noshin Toghraei	Alborz Research Complex	1991–2000
17	Developing Kiln-Drying Schedules for Commercial Timber Species from Northern Iran	Hossein Hosseinkhani	Alborz Research Complex	1991–2007
18	Engineering Properties of Iranian Woods: Key Physical and Mechanical Characteristics	Fardad Golbabai	Alborz Research Complex	1991–2010
19	Impact of Wood Acidity on the Mechanical Properties of Particleboard Made with Urea- Formaldehyde Glue	Abolfazl Kargar Fard	Alborz Research Complex	1993–1994
20	Effects of Lignin Removal Intensity on Kraft Pulp and Paper Properties (Chouka Factory)	Rabeeh Behrooz Ashkiki	Tehran University of Natural Resources and Alborz Research Complex	1993–1994
No.	Project Title	Researcher	Unit	Execution Period
21	Investigating the Impact of Manufacturing Conditions on the Strength of Composite Waferboard (Particleboard)	Masoud Reza Habibi	Alborz Research Complex	1993–1994
22	Macroscopic and Microscopic Examination of Iranian Woods and Development of a Computer-Based Identification Key	Noshin Toghraei	Alborz Research Complex	1993–1995
23	Study of the Acoustic Properties of Wood and Particleboard	Amir Nourbakhsh Habibabadi	Alborz Research Complex	1994–1995
24	Investigating Bending Creep Behavior of Composite Wood in Different Equilibrium Moisture Conditions	Hossein Shahbaz	Faculty of Natural Resources, Karaj	1994–1995
25	Methods for Improving Bagasse Particle Quality	Seyed Jafar Alem Pour	Alborz Research Complex	1994–1995
26	Pulp Production from Iranian Reeds	Saeed Mahdavi Feizabadi	Alborz Research Complex	1996–1999
27	Manufacturing Layered Woods (L.V.L and L.B.) and Determining Their Practical Properties	Ahmad Jahan Latibari	Alborz Research Complex	1991–1995
28	Physical and Mechanical Properties of Successful Eucalyptus Tree Species in the First Phase of Compatibility Tests Across Various Regions in	Abdolrahman Hossein Zadeh	Alborz Research Complex	1996–1999

	Iran (Fars)							
29	High-Yield Pulp and	Nov	ıruddin	Nozor	٨	lhor	z Research	1996–1999
29	Papermaking Properties from	Nou	iruddin Nejad					1990–1999
	Poplar (Populus deltoides)		Neja	1		CC	omplex	
30	Evaluating the Properties of	Abb	as Fak	hravan	Δ	lhora	z Research	1996–1999
30	Eucalyptus Microtheca Wood	1100	Rogha	•	1.		omplex	1,,,0 1,,,,
	for Papermaking		Rogila				mpiex	
31	Examining the Effect of Ecolog	ical		Adel Jalili		All	orz Research	1994–2001
	Conditions on the pH of Woo						Complex	-,,
32	Design and Construction of Two-		I	Iabibollal	ı	All	orz Research	1994–2001
	Railway Sleepers and Their			abar Firo			Complex	
	Comparison with Standard Sleep	pers			3		•	
33	Feasibility of Particleboard Produ	ction	Ami	r Nourbal	chsh	All	orz Research	1994–1999
	from Mixed Lignocellulosic Reso	urces	H	Iabibabad	i		Complex	
	in Southern Iran						_	
34	Properties of Particleboard Made		Al	odolrahma	an	All	orz Research	1995–2004
	Poplar Timber Grown in Short C		Но	ssein Zad	leh		Complex	
	Across Various Regions in Ira							
35	Functional Properties of Conifer		Abb	as Fakhra	ıyan	All	oorz Research	1995–2006
	Wood Species in the First Phase	e of		Roghani			Complex	
	Compatibility Projects							
36	Anatomical Study of Tree and Sl		Hos	sein Fami	lian	All	oorz Research	1995–2006
	Species in the Irano-Turanian						Complex	
27	Vegetative Zone to Develop an A		_	Y 1 '1 11 1		A 11	D 1	1005 2000
37	Evaluation of Saturation and Dura	•		Habibollal		All	oorz Research	1995–2008
	of Eucalyptus Woods (Natural a		Arabt	abar Firo	uzijai		Complex	
	Treated) Against Fungal and Ins	sect						
38	Damage (Termites) Utilization of Bagasse and Eucaly	intuc		Hossein		Λ 11	oorz Research	1996–1998
36	Wood Waste in Particleboard		н	osseinkha	ni	AII	Complex	1990-1996
	Production	1	110	JSSCIIIKIIA	111		Complex	
39	Chemical Changes in Wood Dur	ring	Abo	olfazl Kar	gar	A11	oorz Research	1996–1998
	Particleboard Manufacturing and		1100	Fard	Sui		Complex	1,,0 1,,0
	Effect on Bond Strength							
40	Optimized Use of Katin Timbe	er	Al	odolhashe	m	Albo	orz and Gorgan	1996–1998
	•		Dama	avandi Ka	ımali		Research	
						(	Complexes	
41	Evaluation and Characteriza			Kamy	ar Sale	hi	Alborz	1997–1998
	Mechanical-Chemical Pulp (High	Yield)	from				Research	
	Bagasse						Complex	
42	Comparative Study of Papermakin				adman		Alborz	1997–1998
	of Two Poplar Clones Using A		ed	Pour	mousav	1	Research	
4.0	Mechanical Processes (AF			A 11	TT 1 **		Complex	1005 2005
43	Quality Analysis of Pulp Deri			Alireza	Halalip	our	Alborz	1996–2001
	Modified Wheat Straw Stem		S				Research	
11	Combination with Baga		0110	A main Ni	ـ 1 ـ ماسدده	hal-	Complex	1007 2007
44	Production of Particleboard from			Amir N	ourbak ibabadi		Alborz Research	1997–2007
	Poplar Species Grown in Short Cy Iran	ycies A	C1088	пав	ıvavaul		Complex	
45	Durability of Local Timber Used	in Rost	ts and	Δli D	ezaneja	d	Alborz	1997–2007
73	Marine Installations Against				ezaneja eldari	ıu	Research	1771-2007
	Biological Agents	17141111	-		Jiuul I		Complex	
46	Evaluation of Rubber Tube Sa	aturatio	n	Hah	ibollah		Alborz	1998–2001
	Methods for Preserving Construc				btabar		Research	2220 2001
	1.1001000 101 1 10001 villa Collottuc	~~ II		1110	Juou		1 Cocurcii	

	and Utility Poles in Rural Applications	Firouzijai	Complex	
47	Self-Sufficiency in Cellulose Materials (Main	Adel Jalili	Alborz	1999–2002
77	Project)	Auci Jaiiii	Research	1777-2002
	1 Toject)		Complex	
48	Comparative Study of Lignification and	Shahram	Alborz	1998–1999
40	, ,	Rahnemoon	Research	1998-1999
	Papermaking Properties of Poplar deltoides	Kannemoon		
40	Clones at Different Harvest Ages	IZ A 1- 1-11-1-1	Complex	1000 1000
49	Characteristics of MDF and Particleboard	Keyvan Abdollahi	Alborz	1998–1999
	Made from Reeds and Eucalyptus	Roshan	Research	
			Complex	1000 2002
50	Feasibility of Producing Particleboard and	Amir Nourbakhsh	Alborz	1999–2002
	Other Composite Wood Products from Wood	Habibabadi	Research	
	Industry Waste		Complex	1000 2001
51	Physical and Mechanical Properties of	Fardad Golbabai	Alborz	1999–2004
	Hornbeam from Various Regions of Northern		Research	
	Forests in Iran		Complex	
52	Saturation and Durability of Commercial	Ali Rezanejad	Alborz	1999–2008
	Iranian Woods	Deldari	Research	
			Complex	
53	Use of Sawdust Waste from Wood Factories	Maziar	Alborz	2000–2001
	in Particleboard Production	Radkianpour	Research	
			Complex	
54	Feasibility of Producing Composite Wood	Mohammadreza	Alborz	2000–2001
	Products from Waste of Veneer and Plywood	Bagheri	Research	
	Industries	-	Complex	
55	Factors Influencing Timber Pricing in Iran	Seyed Reza	Alborz	2000-2001
		Shahmohammad	Research	
			Complex	
56	Development of Microscopic Atlas for Woods	Khashayar	Alborz	2000-2001
	in the Bakhtiari Region	Mousavi	Research	
		Siyahpoush	Complex	
57	Properties of Medium-Density Fiberboard	Khazal Khajeh	Alborz	2000-2000
	(MDF) Made from Poplar		Research	
	` '		Complex	
58	Mathematical Model of Heat Transfer During	Abolfazl Kargar	Alborz	2000-2002
	the Pressing Phase in Particleboard	Fard	Research	
	Manufacturing		Complex	
59	Use of Poplar and Eucalyptus Wood for	Saeed Mahdavi	Alborz	2000–2002
	Newsprint Production	Feizabadi	Research	
	r		Complex	
60	Field Test on the Durability of Iranian	Ali Rezanejad	Alborz	2000–2005
	Commercial Woods Against Fungal and Insect	Deldari	Research	2000 2005
	Damage	2 7.441	Complex	
61	Comparative Study of Anatomical, Fiber	Hossein Familian	Alborz	2000–2004
	Morphology, Physical, and Chemical	110000m 1 ummum	Research	2000 2004
	Characteristics of Two Species of Ziziphus (Z.		Complex	
	lotus and Z. spina-christi)		Complex	
62	Effects of Extractives from Some Woody and	Seyed Ebrahim	Alborz	2000–2004
02	Non-Woody Plants on Microbial Resistance of	Kazemi	Research	2000-2004
	Low-Durability Woods	IXAZOIIII	Complex	
63	Properties of MDF Made from Hardwood	Abolfazl Kargar	Alborz	2000–2004
0.5	Species in Northern Iran, Including	Fard	Research	2000-2004
	Hornbeam, Beech, Alder, and Ironwood	1'aiu	Complex	
64		Hossein	Alborz	2000–2002
04	Developing Kiln-Drying Schedules for	HOSSEIII	AIUUIZ	2000-2002

	Commercial Timber Species in Iran	Hosseinkhani	Research	
			Complex	
65	Feasibility of Producing MDF from Cellulosic	Masoud Reza	Alborz	2000–2005
	and Non-Wood Resources (Bagasse and Rice	Habibi	Research	
	Straw)		Complex	
66	High-Yield Pulp Characteristics of Successful	Abbas Fakhrayan	Alborz	2000–2005
	Poplar Clones from Compatibility Trials in	Roghani	Research	
	Iran		Complex	
67	Lignification and Ultrastructure of Xylem Cell	Noshin Toghraei	Alborz	2001–2002
	Membranes		Research	
			Complex	
68	Properties of Alder Wood (Alnus Subcordata)	Abbas Fakhrayan	Alborz	2000–2003
	from Short Harvest Cycles for Papermaking	Roghani	Research	
			Complex	
69	Production of MDF	Masoud Reza	Alborz	2000–2003
		Habibi	Research	
			Complex	
70	Comparative Study of Thermal Properties of	Saeed Mahdavi	Alborz	2000–2003
	Palm Composite Using Different Methods	Feizabadi	Research	
	_		Complex	

71	Development of Cutting Patterns for	Hossein	Frame Wood	2000-
	Poplar Timber	Hosseinkhani	Industries and Neka	2003
	_		Wood Company	
72	Feasibility of Replacing Native Iranian	Fardad Golbabai	Alborz Research	2000-
	Woods in Construction of Cooling Towers		Complex	2006
	(Power Plants)			
73	National Project: Study on Cellulosic	Amir	Alborz Research	2000-
	Products from Lignocellulosic Waste in	Nourbakhsh	Complex	2006
	Iran	Habibabadi		
74	Basic and Practical Properties of	Amir	Alborz Research	2000-
	Paulownia Wood (Paulownia tomentosa)	Nourbakhsh	Complex	2006
		Habibabadi		
75	Developing an Anatomical and Chemical	Kamyar Salehi	Alborz Research	2000-
	Atlas for Non-Wood Lignocellulosic		Complex	2006
	Resources Suitable for Paper Production			
76	Feasibility of Using Corn Stalks in	Abolfazl Kargar	Alborz Research	2003-
	Particleboard Manufacturing	Fard	Complex	2006
77	Pulp Production from Corn Kernel Stalks	Abbas Fakhrayan	Alborz Research	2003-
	Using ApMP and CMP Processes	Roghani	Complex	2006
78	Application of Engineered Natural Fibers	Amir	Alborz Research	2003-
	and Polymer Waste in Biocomposites	Nourbakhsh	Complex	2006
		Habibabadi		
79	Feasibility of Using Eucalyptus Timber for	Abolfazl Kargar	Alborz Research	2003-
	MDF Production	Fard	Complex	2006
80	Access to Alternative Cellulosic Resources	Hossein	Alborz Research	2003-
	for the National Wood Industry	Hosseinkhani	Complex	2006

81	Pulp Production from Rapeseed Stalks	Saeed Mahdavi	Alborz Research	2004-
		Feizabadi	Complex	2007
82	Study on Pulping Cotton Stalks Using	Kamyar Salehi	Alborz Research	2004-
	Mechanical-Chemical Methods		Complex	2007

83	Saturation Properties of Poplar Wood	Habibollah	Alborz Research	2004-
65	Saturation Properties of Popular Wood	Arabtabar	Complex	2004–
			Complex	2007
0.4	Heine Cotton Stelles in Comments Was d	Firouzijai	Alborz Research	2004-
84	Using Cotton Stalks in Composite Wood Products Manufacturing	Abolfazl Kargar Fard	Complex	2004–
85	Feasibility of Using Poplar Wood Grown in	Masoud Reza	Alborz Research	2007
0.5	Four-Year Short Cycles for MDF Production	Habibi	Complex	2004-
86	Utilizing Palm Waste as Raw Material for	Hossein	Alborz Research	2007
80	MDF Production	Hosseinkhani	Complex	2004–
87	Potential of Corn Stalks for Producing	Abolfazl Kargar	Alborz Research	2004-
07	Oriented Strand Board (OSB)	Fard	Complex	2010
88	Comparative Study of Pulp Properties from	Abbas Fakhrayan	Alborz Research	2004-
00	Neutral Sulfite Semi-Chemical (NSSC)	Roghani	Complex	2010
	Processes on Corn Stalks	Kognam	Complex	2010
89	Pulp and Papermaking Characteristics of	Abbas Fakhrayan	Alborz Research	2005-
09	Eucalyptus Wood for Short-Term Harvest	Roghani	Complex	2003–
	Cycles Using CMP and Kraft Methods	Rognam	Complex	2010
90	Exploring the Use of Orchard Pruning Waste	Abolfazl Kargar	Alborz Research	2006-
70	in Particleboard Manufacturing	Fard	Complex	2000-
91	Feasibility of Using Mixed Poplar and	Masoud Reza	Alborz Research	2006-
<i>)</i> 1	Eucalyptus Wood for Particleboard	Habibi	Complex	2008
	Manufacturing	1140101	Complex	2000
92	Comparative Study of Anatomical and	Hossein Familian	Alborz Research	2006-
)	Physical Properties of Five Poplar Clones	11035CIII 1 dililildii	Complex	2008
93	Palm Waste as Raw Material for Gypsum	Hossein	Alborz Research	2006-
	Board (Wood-Gypsum Composite)	Hosseinkhani	Complex	2008
94	Lignin Removal from Poplar Wood (Populus	Abbas Fakhrayan	Alborz Research	2006-
	nigra) Using Kraft Process	Roghani	Complex	2008
95	Impact of Layer Thickness on Mechanical	Ali Rezanejad	Alborz Research	2006-
	Strength of Laminated Wood	Deldari	Complex	2008
96	Potential Use of Corn Stalks and Eucalyptus	Amir Nourbakhsh	Alborz Research	2006-
	in Particleboard Manufacturing	Habibabadi	Complex	2008
97	Feasibility of Using Eucalyptus Wood for	Masoud Reza	Alborz Research	2006-
	Heavy-Density Fiberboard Manufacturing	Habibi	Complex	2008
98	Physical and Mechanical Properties of	Fardad Golbabai	Alborz Research	2007-
	Diospyros Lotus from Two Sites in Northern		Complex	2008
	Iran		-	
99	Impact of Alkaline Treatment of Bagasse	Amir Nourbakhsh	Alborz Research	2004-
	Fibers on MDF Strength and Bonding	Habibabadi	Complex	2006
	Properties			
100	High-Yield Pulp from Successful Poplar	Abbas Fakhrayan	Alborz Research	2005-
	Clones in Compatibility Trials	Roghani	Complex	2008
101	Methods for Producing High-Yield	Kamyar Salehi	Alborz Research	2004-
	Chemical-Mechanical Pulp from Sunflower		Complex	2006
	Stalks			
102	Feasibility of Replacing Imported Long	Saeed Mahdavi	Alborz Research	2004-
	Fibers with Kenaf (Hibiscus cannabinus)	Feizabadi	Complex	2006
	Fibers in CMP Pulp Production			
103	Using Paper Waste in the Manufacturing of	Amir Nourbakhsh	Alborz Research	2004-
	Particleboard and MDF	Habibabadi	Complex	2006
104	Physical and Mechanical Properties of	Fardad Golbabai	Alborz Research	2004-
	Sorbus torminalis from Northern Iranian		Complex	2006
	Forests Using Recycled Polyethylene for Enhancing			
105		Abolfazl Kargar	Alborz Research	2004-

	Physical and Mechanical Properties of	Fard	Complex	2006
	Particleboard	raiu	Complex	2000
106	Feasibility of Using Acacia Wood in	Reza Haji Hassani	Alborz Research	2004-
100	Composite Wood Products Manufacturing	reza Haji Hassain	Complex	2006
107	Utilizing Rose Bush Pruning Waste for MDF	Abolfazl Kargar	Alborz Research	2005-
10,	and Particleboard Production	Fard	Complex	2007
108	Lignification in Normal and Tension Wood	Noshin Toghraei	Alborz Research	2005-
	of Three Eucalyptus Species	S	Complex	2007
109	Feasibility of Using Eucalyptus Wood for	Ali Rezanejad	Alborz Research	2006-
	Laminated and Solid Wood Boat	Deldari	Complex	2008
	Construction		•	
110	Marine Durability of Eucalyptus Wood	Habibollah	Alborz Research	2006-
		Arabtabar	Complex	2009
		Firouzijai		
111	Use of Bagasse in Paper Industry with	Kamyar Salehi	Alborz Research	2005-
	Mechanochemical Processes (Steam		Complex	2007
	Explosion)			
112	Enhancing Physical and Mechanical	Abolfazl Kargar	Alborz Research	2005-
	Properties of Particleboard with Recycled	Fard	Complex	2007
	Polyethylene	14.40.1		
113	Short-Term Eucalyptus Wood Utilization for	Abolfazl Kargar	Alborz Research	2005-
	Particleboard Manufacturing	Fard	Complex	2008
114	Chemical Pulp Production from Eucalyptus	Saeed Mahdavi	Alborz Research	2005-
	Camaldulensis for Short-Term Harvest	Feizabadi	Complex	2009
115	Cycles	N. C. T. C. T.		2007
115	Climatic Changes in Caspian Forest	Mostafa Jafari	Forests and	2007-
	Ecosystems with Emphasis on Wood		Rangelands	2010
116	Anatomy Studies	F 1 10 11 1 1	Research Institute	2006
116	Physical and Mechanical Properties of	Fardad Golbabai	Alborz Research	2006-
	Eucalyptus Species in Gilan and Mazandaran		Complex	2011
117	Provinces Lignin Removal and Papermaking Properties	Abbas Fakhrayan	Alborz Research	2006–
11/	of Eucalyptus Globulus for Short-Term	Roghani	Complex	2000–
	Harvests	Rogilalli	Complex	2011
118	Pulp Production from Eucalyptus Grandis for	Saeed Mahdavi	Alborz Research	2006-
110	Newsprint Manufacturing	Feizabadi	Complex	2011
119	Climatic Changes in Caspian Forest	Seifollah	Alborz Research	2007-
	Ecosystems (Mazandaran) with Focus on	Khornkeh	Complex	2010
	Wood Studies		- · · · · ·	
120	Climatic Changes in Caspian Forest	Babakhanjani	Alborz Research	2007-
	Ecosystems (Gilan) with Focus on Wood	Shiraz	Complex	2010
	Studies			
121	Utilizing Canola Residues in Particleboard	Masoud Reza	Alborz	2002-
	Manufacturing	Habibi	Research	2011
			Complex	
122	Feasibility of Using Prosopis juliflora Wood in	n Masoud Reza	Alborz	2008-
	Particleboard Manufacturing	Habibi	Research	2010
			Complex	
123	Mechanical Properties of Oriental Plane	Ali Yavari	Alborz	2009–
	(Platanus orientalis L.) Wood with Increasing		Research	2009
	Tree Height in Wet Conditions		Complex	
124	Anatomical, Physical, and Chemical Properties	Mehdi Shahvaro		2009–
	of Oriental Plane (Platanus orientalis)		Research	2010
			Complex	

125	Effect of Nanoclay in Wood-Plastic Composites	Mohammad	Alborz	2010-
	Made from Wheat and Rice Straw Waste	Nasouji	Research	2010
			Complex	
126	Database of Woods Used in the Industries of	Hossein	Alborz	2008-
	Iran	Hosseinkhani	Research	2013
			Complex	
127	Physical Properties of Twenty Wood Species in	Reza Jazayeri	Alborz	2008-
	Iran	•	Research	2013
			Complex	
128	Chemical Properties of Twenty Wood Species	Mohammad Mehdi	Alborz	2008-
	in Iran	Barazandeh	Research	2013
			Complex	
129	Evaluating Three Frame Models for Wooden	Ali Rezanejad	Alborz	2008-
	Boat Construction	Deldari	Research	2011
			Complex	
130	Effect of Acetylation on the Fungal Resistance	Reza Haji Hassani	Alborz	2008-
	of Poplar Fibers		Research	2011
	or r opius ricord		Complex	
131	Physical and Mechanical Properties of Loblolly	Fardad Golbabai	Alborz	2008-
131	Pine (Pinus taeda L.) from Gilan and	Turdud Coroucur	Research	2011
	Mazandaran Regions		Complex	2011
132	Feasibility of Using Reeds in Particleboard	Reza Haji Hassani	Alborz	2008-
132	Manufacturing	Roza Haji Hassain	Research	2011
	Manaractaring		Complex	2011
133	Effect of Layer Quality on Mechanical Strength	Ali Rezanejad	Alborz	2008-
133	of Laminated Eucalyptus Wood	Deldari	Research	2008–
	of Lanimated Edealyptus Wood	Deluari	Complex	2011
134	Physical Properties of Lime Tree (Tilia rubra	Fardad Golbabai	Alborz	2008-
134	DC) from Gilan and Mazandaran	Taruau Oordadar	Research	2008–
	DC) Holli Ollali alid Wazalidarali		Complex	2011
135	Climatic Changes in Casmion Forest Faceyetams	Mohammad Karim	Golestan	2008-
155	Climatic Changes in Caspian Forest Ecosystems		Research	2008-
	(Golestan) with Focus on Wood Anatomy	Maqsoodlou		2011
126	Studies Committee	A NY 1 1-11-	Institute	2000
136	Development of Hybrid Nano-Composites	Amir Nourbakhsh	Alborz	2008-
	Using Wood Fibers, Polymers, and Clay	Habibabadi	Research	2011
127	Enhancing Machanias 1 Durang Const NI	A N	Complex	2000
137	Enhancing Mechanical Properties of Nano-	Amir Nourbakhsh	Alborz	2008-
	Composites Using Wood Fibers and Polymers	Habibabadi	Research	2011
100	T 1111, CII . D	A1 10 177	Complex	2000
138	Feasibility of Using Prosopis juliflora Wood in	Abolfazl Kargar	Alborz	2008-
	Wood-Plastic Composites	Fard	Research	2011
100	YY		Complex	2000
139	Water Absorption and Mechanical Properties of	Amir Nourbakhsh	Alborz	2008-
	Bagasse and Poplar Fibers in Wood-Plastic	Habibabadi	Research	2011
	Composites		Complex	
140	Cement-Wood Properties from Agricultural	Fardad Golbabai	Alborz	2008-
	Residues		Research	2013
			Complex	

No.	Project Title	Researcher	Unit	Execution Period
141	Anatomical Properties of Twenty Wood	Hossein Familian	Alborz	2008–2013
	Species in Iran		Research	
			Complex	
142	Field Study of Durability of Poplar and	Ali Rezanejad	Alborz	2009–2013
	Aspen Wood Against Termite Damage	Deldari	Research	
			Complex	
143	Field Study of Durability of Eucalyptus	Ali Rezanejad	Alborz	2009–2013
	camaldulensis and Eucalyptus globulus	Deldari	Research	
	Against Fungal Damage		Complex	
144	Durability of Iranian Commercial Woods	Ali Rezanejad	Alborz	2009–2013
	Against Fungal and Insect Damage in Field	Deldari	Research	
	Trials		Complex	
145	Lignin Removal Kinetics in Bagasse Pulp	Mohammad Mehdi	Alborz	2009–2010
	Production	Barazandeh	Research	
			Complex	
146	Morphological, Chemical, Physical, and	Shah Mohammad	Golestan	2009–2011
	Mechanical Properties of Sweet Cherry	Amiri	Research	
	Wood (Cerasus avium) from Golestan		Institute	
	Forests			
147	Physical, Mechanical, Thermal, and	Hassan Ziaee	Alborz	2010–2010
	Morphological Properties of Nano Wood-	Tabari	Research	
	Plastic Composites Using Poplar Sawdust		Complex	
148	Anatomical and Morphological Properties of	Mohammad Hadi	Alborz	2010–2010
	Ammodendron persicum Wood	Aryaie Monfared	Research	
			Complex	
149	Comparative Physical and Mechanical	Masoud Reza	Alborz	2009–2011
	Properties of Particleboard Made from	Habibi	Research	
	Willow and Eucalyptus		Complex	
150	Effect of Drying Temperature on Paper	Kamyar Salehi	Alborz	2008–2010
	Strength Properties		Research	
			Complex	
151	Thermal Conductivity Coefficients of	Seyed Moein	Alborz	2008–2010
	Industrial Woods in Iran	Rasouli Nejad	Research	
			Complex	
152	Performance Assessment of Hydrocylones in	Ali Abyaz	Alborz	2008–2008
	Pars Paper Factory Using Computational		Research	
	Fluid Dynamics		Complex	
153	Bleachability of Soda and Alkaline Sulfite	Mohammad Ali	Alborz	2008–2008
	Pulp from Corn Stalks Using ECF Methods	Hossein	Research	
			Complex	
154	Formaldehyde Emission from Composite	Saeed Eshaghi	Alborz	2008–2008
	Wood Products		Research	
			Complex	
155	Improving Alpha Cellulose Pulp from	Saeed Mahdavi	Alborz	2010–2012
	Cotton Linters for Cellulose Nitrate	Feizabadi	Research	
	Production		Complex	
156	Effect of Bagasse Storage Methods on Its	Masoud Reza	Alborz	2010–2012
	Properties and Boards Made from It	Habibi	Research	
			Complex	
157	Comparing Bale and Bulk Storage Methods	Masoud Reza	Alborz	2010–2013
	for Bagasse and Their Effects on Board	Habibi	Research	
	Properties		Complex	

158	Physical and Chemical Properties of Juniper	Hamed Khodadadi	Alborz	2011–2011
136	Wood	Aliabadi	Research	2011–2011
	W Ood	Anabadi	Complex	
159	Heat Energy Production from Cellulosic	Saeed Mahdavi	Alborz	2011–2012
139	Waste	Feizabadi	Research	2011–2012
	vv aste	reizabadi	Complex	
160	Non-Destructive Evaluation of Elastic	Mostafa Kohan	Alborz	2011–2012
100	Properties of Hornbeam Using Free	Torabi	Research	2011–2012
	Vibration Method	101401	Complex	
161	Chemical Properties of Hemp Wood	Mohammad Mehdi	Alborz	2011–2013
101	Chemical Properties of Tiemp Wood	Barazandeh	Research	2011–2013
		Barazanden	Complex	
162	Physical Properties of Cannabis sativa	Reza Jazayeri	Alborz	2011–2013
102	Thysical Properties of Calmaons sactiva	102d suzdyem	Research	2011 2013
			Complex	
163	Anatomical Properties of Cannabis sativa	Hossein Familian	Alborz	2011–2013
103	7 materinear 1 reporties of Camazons sativa	11055CIII 1 dililildii	Research	2011 2013
			Complex	
164	Effect of Bagasse Storage Conditions on Its	Hossein	Alborz	2011–2013
101	Application and Boards Made from It	Hosseinkhani	Research	2011 2013
			Complex	
165	Properties of Corrugated Paper Made from	Saeed Mahdavi	Alborz	2011–2013
	Hemp Core Fibers	Feizabadi	Research	
			Complex	
166	Using Hemp Stalks in Particleboard	Masoud Reza	Alborz	2011–2013
	Manufacturing	Habibi	Research	
	6		Complex	
167	Utilizing Hemp Lignocellulosic Materials in	Hossein	Alborz	2011–2014
	Wood and Paper Industries	Hosseinkhani	Research	
	•		Complex	
168	Development of Hybrid Wood-Plastic	Amir Nourbakhsh	Alborz	2011–2014
	Composites Using Waste Newspaper and	Habibabadi	Research	
	Nano-Silica		Complex	
169	Production of Cement-Wood Bricks Using	Fardad Golbabai	Alborz	2011–2014
	Sawdust		Research	
			Complex	
170	Heat and Moisture Gradient Analysis in	Reza Jazayeri	Alborz	2011–2014
	Wood Chips During Compression Using		Research	
	USB Hydrograph and Infrared Thermograph		Complex	
171	Feasibility of Using Bagasse Pith in Wood-	Abolfazl Kargar	Alborz	2011–2014
	Plastic Composites	Fard	Research	
			Complex	
172	Characteristics of Hemp Fiber Pulp for	Abbas Fakhrayan	Alborz	2011–2015
	Paper Production	Roghani	Research	
1=-	D	41 10 177	Complex	2011 2017
173	Potential of Corn Stalks for Oriented Strand	Abolfazl Kargar	Alborz	2011–2015
	Board (OSB) Production	Fard	Research	
174	D	A 1-1 T 1 1	Complex	2011 2017
174	Properties of Prosopis juliflora Wood for	Abbas Fakhrayan	Alborz	2011–2015
	Kraft Pulp Production	Roghani	Research	
177	Manufactural Charles 1 District	C11. M -1	Complex	2011 2017
175	Morphological, Chemical, Physical, and	Shah Mohammad	Alborz	2011–2015
	Mechanical Properties of Caucasian Elm	Amiri	Research	
	(Zelkova carpinifolia)		Complex	

176	Characteristics of Date Palm Fibers for Pulp	Abbas Fakhrayan	Alborz	2011–2015
	Production	Roghani	Research	
			Complex	
177	Properties of Eucalyptus nitens Wood for	Abbas Fakhrayan	Alborz	2011–2015
	Pulp Industry	Roghani	Research	
			Complex	
178	Using Carbon Nanotubes in Wood-Plastic	Amir Nourbakhsh	Alborz	2012–2015
	Composite Manufacturing	Habibabadi	Research	
			Complex	
179	Short-Term Harvest of Eucalyptus grandis	Saeed Mahdavi	Alborz	2012–2015
	for Newsprint Pulp	Feizabadi	Research	
			Complex	
180	Recycling Potential of Waste Paper from	Mohammad Mehdi	Alborz	2012–2015
	Municipal Solid Waste in Shahreza	Hadi Lam	Research	
			Complex	

181	Structural Design for Weather-Resistant and Biologically Durable Wooden Buildings in Alborz Research Complex	Fardad Golbabai	Alborz Research Complex	2012– 2017
182	Effect of Refining Process Variables on	Saeed Mahdavi	Alborz	2013-
102	Mechanical and Chemical Properties of Pulp	Feizabadi	Research	2015
	recommend and chemical Properties of Pulp	Tolzaoudi	Complex	2015
183	Kinetics of Lignin Removal in Pulp Production	Mohammad	Alborz	2013-
	from Poplar and Hemp	Mehdi	Research	2016
	T T	Barazandeh	Complex	
184	Fiber-Cement Properties Made from Waste	Fardad Golbabai	Alborz	2013-
	Newspaper		Research	2016
			Complex	
185	Lignin Removal and Papermaking Properties	Abbas Fakhrayan	Alborz	2014-
	of Tree of Heaven (Ailanthus altissima)	Roghani	Research	2016
			Complex	
186	Enhancing Fluting Paper Quality Using	Kamyar Salehi	Alborz	2015-
	Bagasse Pulp		Research	2017
			Complex	
187	Feasibility of Using Corn Wood in	Abolfazl Kargar	Alborz	2015-
	Particleboard Production	Fard	Research	2017
			Complex	
188	Using Corncob in Nano Wood-Plastic	Amir Nourbakhsh	Alborz	2015-
	Composites	Habibabadi	Research	2017
			Complex	
189	Development of Lightweight Composite	Abolfazl Kargar	Alborz	2015-
	Boards Using Wood and Polymers	Fard	Research	2018
			Complex	
190	Effects of Hydrothermal and Boric Acid	Reza Jazayeri	Alborz	2015-
	Treatments on Dimensional Stability and Fire		Research	2018
	Resistance of Poplar and Pine		Complex	
191	Eco-Friendly Bleaching of Soda Bagasse Pulp	Saeed Mahdavi	Alborz	2015-
		Feizabadi	Research	2018
			Complex	
192	Nano Wood-Plastic Composites Using	Fardad Golbabai	Alborz	2015-
	Agricultural and Urban Polymer Waste		Research	2020
			Complex	
193	Impact of Kenaf Fibers on Fluting Paper	Kamyar Salehi	Alborz	2016-

	Resistance in Southern Paper Mills		Research	2018
	Resistance in Southern 1 aper wins		Complex	2010
194	Extruder Screw Speed and Polymer Melt Flow	Masoud Reza	Alborz	2016-
1)4	Index Effects on Wood-Plastic Composite	Habibi	Research	2018
	Properties	1140101	Complex	2010
195	Alkaline Treatment Effects on Semi-Dense	Masoud Reza	Alborz	2016-
173	Fiberboard Properties	Habibi	Research	2018
	1 lociobald 1 loperties	1140101	Complex	2010
196	Anatomical Study of Citrus Woods from	Hossein Familian	Alborz	2016-
170	Northern Iran	11035CIII 1 allilliali	Research	2018
	Northern Hair		Complex	2010
197	Formaldehyde Emission in Particleboard	Mohammad	Alborz	2016-
177	Affected by Manufacturing Variables	Mehdi Barazandeh	Research	2018
	Affected by Manufacturing Variables	Wichai Darazanden	Complex	2010
198	Pulp Mixture Properties of Kenaf and Poplar for	Abbas Fakhrayan	Alborz	2016-
170	Paper Production	Roghani	Research	2010-
	1 aper 1 roduction	Rognam	Complex	2010
199	Effect of Filler Modifications on Wood-Plastic	Reza Haji Hassani	Alborz	2016-
199	Composite Physical and Mechanical Properties	Reza Haji Hassaiii	Research	2010–
	Composite i hysical and Mechanical i toperties		Complex	2019
200	Cement-Wood Composites Using Bagasse	Fardad Golbabai	Alborz	2016-
200	Cement-Wood Composites Using Bagasse	Tardad Gorbabar	Research	2010
			Complex	2019
201	Impact of Harvest Timing on Linerboard and	Saeed Mahdavi	Alborz	2016-
201	Corrugated Medium Quality in Carton Boxes	Feizabadi	Research	2010–
	Corrugated Medium Quanty in Carton Boxes	reizabadi	Complex	2019
202	Chemical Characteristics and Lignin Removal	Mohammad	Alborz	2016-
202	Kinetics for 10 Kenaf Varieties	Mehdi Barazandeh	Research	2010
	Kinetics for 10 Kenar varieties	Wichai Darazanden	Complex	2017
203	Feasibility of Using Kenaf Stalks for Wood-	Abolfazl Kargar	Alborz	2016-
203	Plastic Composite Manufacturing	Fard	Research	2010
	Thastic Composite Manufacturing	Taru	Complex	2017
204	Paper Production Potential of Kenaf Stalks	Saeed Mahdavi	Alborz	2016-
204	Taper Froduction Folential of Renal Starks	Feizabadi	Research	2019
		1 CIZUOUGI	Complex	2017
205	Lightweight Three-Layer Composite Panels	Fardad Golbabai	Alborz	2016-
203	from Cement, Wood, and Polystyrene	Tardad Goldadar	Research	2020
	from Cement, wood, and rorystyrene		Complex	2020
206	Anatomical and Physical Properties of Mulberry	Hossein Familian	Alborz	2017-
200	Wood from Four Cultivars	11035CIII 1 dililildii	Research	2020
	wood from Four Cuttivats		Complex	2020
207	Comparing Resin Treatments Using Two Types	Reza Jazayeri	Alborz	2017-
201	of Activated Carbon in MDF and Its	11024 5424 9 011	Research	2020
	Formaldehyde Emissions		Complex	2020
208	Comparison of Quarantine Regulations and	Mehran Ghodrat	Alborz	2017-
200	Wood Disease Control in Iran Versus Other	Ali Doost	Research	2017
	Countries	III Doost	Complex	2010
209	Effects of Pressing Conditions on Physical and	Reza Haji Hassani	Alborz	2017-
207	Mechanical Properties of Heat-Treated Poplar	102a 11aji 11assaili	Research	2017
	Wood		Complex	2017
210	Thermowood Properties of Poplar Deltoides	Mohammad Hadi	Alborz	2018-
210	Thermowood Properties of Popular Deficities	Rezvani	Research	2019
		Rozvani	Complex	2017
211	Biological Resistance and Properties of	Reza Haji Hassani	Alborz	2019–
<b>411</b>	Diological Resistance and Flopernes of	1802a 11aji 11assaili	AIUUIZ	2017

	Thermowood from Seven Species		Research	2021
	Thermowood from Seven Species		Complex	2021
212	Properties of Thermowood from Two Species	Reza Haji Hassani	Alborz	2019–
212	Using Oil-Heat Treatment	Reza Haji Hassaiii	Research	2019–
	Osing On-Heat Treatment		Complex	2021
213	Thermovy and Dunnauties of Churca Wood	Fardad Golbabai	Alborz	2019–
213	Thermowood Properties of Spruce Wood	Faidad Goldadai	Research	2019–
				2021
214	Facilities of Heiro Distantia Liena cellulacia	Dana Haii Hassani	Complex Alborz	2019-
214	Feasibility of Using Pistachio Lignocellulosic Waste in Particleboard Production	Reza Haji Hassani	Research	2019–
	waste in Particleboard Production			2021
215	Duanastics of Thomsons of Mode from Imported	Connel Mobileri	Complex Alborz	2010
215	Properties of Thermowood Made from Imported	Saeed Mahdavi		2019–
	Ash Wood	Feizabadi	Research	2021
216		0 13/11 :	Complex	2010
216	Comparison of Physical, Chemical, Mechanical,	Saeed Mahdavi	Alborz	2019–
	and Optical Properties of Thermowood Made	Feizabadi	Research	2021
	from Poplar nigra		Complex	
217	Thermowood Properties of Imported Pine	Saeed Mahdavi	Alborz	2019–
		Feizabadi	Research	2021
			Complex	
218	Thermowood Properties of Georgian Beech	Kamyar Salehi	Alborz	2019–
	(Fagus sylvatica)		Research	2021
			Complex	
219	Characteristics of Wood Vinegar and Charcoal	Saeed Mahdavi	Alborz	2020-
	from Cellulosic Waste	Feizabadi	Research	2021
			Complex	
220	Effects of Adhesive Types on Particleboard	Masoud Garami	Alborz	2020-
	Properties Made from Kenaf Core		Research	2021
			Complex	
221	Feasibility of Using Kenaf Pith in Hybrid Wood-	Abolfazl Kargar	Alborz	2020-
	Plastic Composites	Fard	Research	2021
			Complex	
222	Development of Construction Materials Using	Fardad Golbabai	Alborz	2020-
	Straw and Waste Polymer for Lightweight		Research	2021
	Panels		Complex	
223	Evaluation of Mechanical and Biological	Reza Haji Hassani	Alborz	2020-
	Properties of Ash Thermowood		Research	2021
			Complex	
224	Investigating Energy Efficiency in Plywood	Saeed Mahdavi	Alborz	2020-
	Production	Feizabadi	Research	2021
			Complex	
225	Eco-Friendly Adhesives for MDF and Plywood	Kamyar Salehi	Alborz	2020-
	Manufacturing		Research	2021
			Complex	
226	Utilization of Cellulosic Waste in Thermowood	Saeed Mahdavi	Alborz	2020-
	Applications	Feizabadi	Research	2021
			Complex	
227	Optimized Use of Carbon Nanotubes in Wood-	Amir Nourbakhsh	Alborz	2020-
	Plastic Composites	Habibabadi	Research	2021
			Complex	