

Angel P Del Pobil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/587372/publications.pdf>

Version: 2024-02-01

141
papers

1,649
citations

331670

21
h-index

377865

34
g-index

152
all docs

152
docs citations

152
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	Robot Depth Estimation Inspired by Fixational Movements. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1356-1366.	3.8	0
2	An Omnidirectional Platform for Education and Research in Cooperative Robotics. Electronics (Switzerland), 2022, 11, 499.	3.1	5
3	Deep learning model based on expectation-confirmation theory to predict customer satisfaction in hospitality service. Information Technology and Tourism, 2022, 24, 109-126.	5.8	43
4	Robot Vision for Manipulation: A Trip to Real-World Applications. IEEE Access, 2021, 9, 3471-3481.	4.2	5
5	The UJI Aerial Librarian Robot: A Quadcopter for Visual Library Inventory and Book Localisation. Sensors, 2021, 21, 1079.	3.8	9
6	Integrating Sensor Models in Deep Learning Boosts Performance: Application to Monocular Depth Estimation in Warehouse Automation. Sensors, 2021, 21, 1437.	3.8	5
7	A Practical Approach for Picking Items in an Online Shopping Warehouse. Applied Sciences (Switzerland), 2021, 11, 5805.	2.5	3
8	Determinants of customer brand loyalty in the retail industry: A comparison between national and private brands in South Korea. Journal of Retailing and Consumer Services, 2021, 63, 102684.	9.4	10
9	Can AI be a content generator? Effects of content generators and information delivery methods on the psychology of content consumers. Telematics and Informatics, 2020, 55, 101452.	5.8	13
10	Can Large Educational Institutes Become Free from Grid Systems? Determination of Hybrid Renewable Energy Systems in Thailand. Applied Sciences (Switzerland), 2019, 9, 2319.	2.5	7
11	ROSLab: Sharing ROS Code Interactively With Docker and JupyterLab. IEEE Robotics and Automation Magazine, 2019, 26, 64-69.	2.0	9
12	Determinants of customer satisfaction with airline services: An analysis of customer feedback big data. Journal of Retailing and Consumer Services, 2019, 51, 186-190.	9.4	55
13	Multi-robot User Interface for Cooperative Transportation Tasks. Lecture Notes in Computer Science, 2019, , 77-81.	1.3	2
14	Vision for Robust Robot Manipulation. Sensors, 2019, 19, 1648.	3.8	8
15	Playful Interaction with Humanoid Robots for Social Development in Autistic Children: a Pilot Study. , 2019, , .		2
16	Improving robot visual skills by means of a bio-inspired model. , 2019, , .		1
17	Who will Subscribe to My Streaming Channel?. , 2019, , .		8
18	Analysis of Variable-Stiffness Soft Finger Joints. Advances in Intelligent Systems and Computing, 2019, , 334-345.	0.6	3

#	ARTICLE	IF	CITATIONS
19	Grasping Strategies for Picking Items in an Online Shopping Warehouse. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 775-785.	0.6	0
20	Multiple Path Planner Integration for Obstacle Avoidance: MoveIt! and Potential Field Planner Synergy. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 78-85.	0.6	0
21	Personal Robot Assistants for Elderly Care: An Overview. <i>Intelligent Systems Reference Library</i> , 2018, , 77-91.	1.2	42
22	Eco-Friendly Education Facilities: The Case of a Public Education Building in South Korea. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1733.	2.5	2
23	Predicting the internal model of a robotic system from its morphology. <i>Robotics and Autonomous Systems</i> , 2018, 110, 33-43.	5.1	1
24	Student Acceptance Model of Educational Games in University Class. , 2018, , .		3
25	A Biologically Inspired Approach for Robot Depth Estimation. <i>Computational Intelligence and Neuroscience</i> , 2018, 2018, 1-16.	1.7	1
26	Deep Learning based Object Recognition for Robot picking task. , 2018, , .		13
27	Effects of Screen Size in Mobile Learning Over Time. , 2018, , .		7
28	The Role of Internet of Things (IoT) in Smart Cities: Technology Roadmap-oriented Approaches. <i>Sustainability</i> , 2018, 10, 1388.	3.2	121
29	An RGB-D Visual Application for Error Detection in Robot Grasping Tasks. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 243-254.	0.6	2
30	Object Detection and Recognition for Assistive Robots: Experimentation and Implementation. <i>IEEE Robotics and Automation Magazine</i> , 2017, 24, 123-138.	2.0	37
31	Robust Motion Detection and Tracking for Human-Robot Interaction. , 2017, , .		3
32	Economic Feasibility of Renewable Electricity Generation Systems for Local Government Office: Evaluation of the Jeju Special Self-Governing Province in South Korea. <i>Sustainability</i> , 2017, 9, 82.	3.2	7
33	Discovering the Relationship Between the Morphology and the Internal Model in a Robot System by Means of Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 839-852.	0.6	0
34	Economic and Environmental Benefits of Optimized Hybrid Renewable Energy Generation Systems at Jeju National University, South Korea. <i>Sustainability</i> , 2016, 8, 877.	3.2	6
35	For a Green Stadium: Economic Feasibility of Sustainable Renewable Electricity Generation at the Jeju World Cup Venue. <i>Sustainability</i> , 2016, 8, 969.	3.2	6
36	Initial weight estimation for learning the internal model based on the knowledge of the robot morphology. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	Determinants for the success of regional ICT ventures: a close examination of South Korea. SpringerPlus, 2016, 5, 1039.	1.2	3
38	Optimal renewable power generation systems for Busan metropolitan city in South Korea. Renewable Energy, 2016, 88, 517-525.	8.9	67
39	The Robot Programming Network. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 81, 77-95.	3.4	10
40	Intelligent Robotic Grasping?. Cognitive Systems Monographs, 2016, , 39-56.	0.1	0
41	Visuomotor Transformations for Grasp Planning and Execution. Cognitive Systems Monographs, 2016, , 119-143.	0.1	0
42	Usability of the Stylus Pen in Mobile Electronic Documentation. Electronics (Switzerland), 2015, 4, 922-932.	3.1	4
43	Antecedents of Behavioral Intention to Use Mobile Telecommunication Services: Effects of Corporate Social Responsibility and Technology Acceptance. Sustainability, 2015, 7, 11345-11359.	3.2	24
44	Determinants of Behavioral Intention to Use South Korean Airline Services: Effects of Service Quality and Corporate Social Responsibility. Sustainability, 2015, 7, 12106-12121.	3.2	41
45	Tombatossals: A humanoid torso for autonomous sensor-based tasks. , 2015, , .		3
46	Toward Replicable and Measurable Robotics Research [From the Guest Editors]. IEEE Robotics and Automation Magazine, 2015, 22, 32-35.	2.0	45
47	Learning the visualâ€œoculomotor transformation: Effects on saccade control and space representation. Robotics and Autonomous Systems, 2015, 71, 13-22.	5.1	9
48	Adaptive saccade controller inspired by the primates' cerebellum. , 2015, , .		10
49	An Active System for Visually-Guided Reaching in 3D across Binocular Fixations. Scientific World Journal, The, 2014, 2014, 1-16.	2.1	2
50	Optimized Renewable and Sustainable Electricity Generation Systems for Ulleungdo Island in South Korea. Sustainability, 2014, 6, 7883-7893.	3.2	37
51	Bayesian multimodal integration in a robot replicating human head and eye movements. , 2014, , .		8
52	A Hierarchical System for a Distributed Representation of the Peripersonal Space of a Humanoid Robot. IEEE Transactions on Autonomous Mental Development, 2014, 6, 259-273.	1.6	24
53	Animal Social Behaviour: A Visual Analysis. Lecture Notes in Computer Science, 2014, , 320-327.	1.3	1
54	Modeling the user acceptance of long-term evolution (LTE) services. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 307-315.	2.5	39

#	ARTICLE	IF	CITATIONS
55	Technology Acceptance Model for the Use of Tablet PCs. Wireless Personal Communications, 2013, 73, 1561-1572.	2.7	34
56	Reaching for the Unreachable: Reorganization of Reaching with Walking. IEEE Transactions on Autonomous Mental Development, 2013, 5, 162-172.	1.6	2
57	Visual object recognition for robot tasks in real-life scenarios. , 2013, , .		5
58	Application of the visuo-oculomotor transformation to ballistic and visually-guided eye movements. , 2013, , .		2
59	Users' attitudes toward service robots in South Korea. Industrial Robot, 2013, 40, 77-87.	2.1	46
60	Extending the technology acceptance model in remote pointing technology: identifying the role of perceived mobility and control. Sensor Review, 2013, 33, 40-47.	1.8	11
61	Visual people detection for safe Human-Robot Interaction. , 2013, , .		2
62	HOW DEEPLY DO WE INCLUDE ROBOTIC AGENTS IN THE SELF?. International Journal of Humanoid Robotics, 2013, 10, 1350015.	1.1	9
63	Contact localization through robot and object motion from point clouds. , 2013, , .		3
64	Find It â€“ An Assistant Home Agent. Advances in Intelligent Systems and Computing, 2013, , 121-128.	0.6	1
65	Depth Estimation during Fixational Head Movements in a Humanoid Robot. Lecture Notes in Computer Science, 2013, , 264-273.	1.3	3
66	An Examination of Psychological Factors Affecting Driversâ€™ Perceptions and Attitudes Toward Car Navigation Systems. Lecture Notes in Electrical Engineering, 2013, , 555-562.	0.4	8
67	Qualitative Acceleration Model: Representation, Reasoning and Application. Advances in Intelligent Systems and Computing, 2013, , 87-94.	0.6	0
68	Robust Object Recognition in Unstructured Environments. Advances in Intelligent Systems and Computing, 2013, , 705-714.	0.6	1
69	Object Recognition in Cluttered Environments. , 2013, , .		0
70	When humanoid robots become human-like interaction partners: Corepresentation of robotic actions.. Journal of Experimental Psychology: Human Perception and Performance, 2012, 38, 1073-1077.	0.9	112
71	Online gaming with robots vs. computers as allies vs. opponents. , 2012, , .		0
72	The effects of immersive tendency and need to belong on human-robot interaction. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
73	Visual surveillance for human-robot interaction. , 2012, , .		3
74	Proposal of a REST-Based Architecture Server to Control a Robot. , 2012, , .		10
75	A Test-Bed Internet Based Architecture Proposal for Benchmarking of Visual Servoing Techniques. , 2012, , .		5
76	AN ACCEPTANCE MODEL FOR SERVICE ROBOTS IN GLOBAL MARKETS. International Journal of Humanoid Robotics, 2012, 09, 1250026.	1.1	3
77	The Effects of Multimodal Feedback and Gender on Task Performance of Stylus Pen Users. International Journal of Advanced Robotic Systems, 2012, 9, 30.	2.1	3
78	Facial Recognition Patterns of Children and Adults Looking at Robotic Faces. International Journal of Advanced Robotic Systems, 2012, 9, 28.	2.1	2
79	The Law of Attraction in Human-Robot Interaction. International Journal of Advanced Robotic Systems, 2012, 9, 35.	2.1	32
80	Pose Estimation Through Cue Integration: A Neuroscience-Inspired Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 530-538.	5.0	9
81	Motion Detection in Static Backgrounds. SpringerBriefs in Computer Science, 2012, , 5-42.	0.2	4
82	Plastic Representation of the Reachable Space for a Humanoid Robot. Lecture Notes in Computer Science, 2012, , 167-176.	1.3	4
83	Energy Efficient Complete Coverage Path Planning for Vacuum Cleaning Robots. Lecture Notes in Electrical Engineering, 2012, , 23-31.	0.4	9
84	How Walking Influences the Development of Absolute Distance Perception. Lecture Notes in Computer Science, 2012, , 65-74.	1.3	1
85	A General Framework for Naming Qualitative Models Based on Intervals. Advances in Intelligent and Soft Computing, 2012, , 681-688.	0.2	2
86	A Pilot Study on Saccadic Adaptation Experiments with Robots. Lecture Notes in Computer Science, 2012, , 83-94.	1.3	4
87	Implicit mapping of the peripersonal space of a humanoid robot. , 2011, , .		9
88	The advantages of exploiting grasp redundancy in robotic manipulation. , 2011, , .		4
89	Robot as teammate vs. opponent in video gaming. , 2011, , .		2
90	Interaction in robotics with a combination of vision, tactile and force sensing. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
91	Trying anyways: How ignoring the errors may help in learning new skills. , 2011, , .		1
92	Hierarchical object recognition inspired by primate brain mechanisms. , 2011, , .		0
93	Implicit Sensorimotor Mapping of the Peripersonal Space by Gazing and Reaching. IEEE Transactions on Autonomous Mental Development, 2011, 3, 43-53.	1.6	49
94	The Dorso-medial visual stream: From neural activation to sensorimotor interaction. Neurocomputing, 2011, 74, 1203-1212.	5.9	12
95	An integrated virtual environment for visual-based reaching. , 2011, , .		3
96	The Effects of a Robot Instructor's Positive vs. Negative Feedbacks on Attraction and Acceptance towards the Robot in Classroom. Lecture Notes in Computer Science, 2011, , 135-141.	1.3	34
97	Do Children See Robots Differently? A Study Comparing Eye-Movements of Adults vs. Children When Looking at Robotic Faces. Lecture Notes in Electrical Engineering, 2011, , 421-427.	0.4	3
98	The Effects of Robot's Body Gesture and Gender in Human-Robot Interaction. , 2011, , .		4
99	A framework for compliant physical interaction. Autonomous Robots, 2010, 28, 89-111.	4.8	12
100	Reliable non-prehensile door opening through the combination of vision, tactile and force feedback. Autonomous Robots, 2010, 29, 201-218.	4.8	26
101	Performance Evaluation and Benchmarking of Robotic and Automation Systems [TC Spotlight. IEEE Robotics and Automation Magazine, 2010, 17, 120-122.	2.0	5
102	A panoramic vision system for human-robot interaction. , 2010, , .		0
103	Vision-tactile-force integration and robot physical interaction. , 2009, , .		32
104	THE NEUROSCIENCE OF VISION-BASED GRASPING: A FUNCTIONAL REVIEW FOR COMPUTATIONAL MODELING AND BIO-INSPIRED ROBOTICS. Journal of Integrative Neuroscience, 2009, 08, 223-254.	1.7	13
105	Distance and orientation estimation of graspable objects in natural and artificial systems. Neurocomputing, 2009, 72, 879-886.	5.9	10
106	Safety for human-robot interaction in dynamic environments. , 2009, , .		2
107	A 3D grasping system based on multimodal visual and tactile processing. Industrial Robot, 2009, 36, 365-369.	2.1	5
108	Eye-Hand Coordination for Reaching in Dorsal Stream Area V6A: Computational Lessons. Lecture Notes in Computer Science, 2009, , 304-313.	1.3	2

#	ARTICLE	IF	CITATIONS
109	Toward an Integrated Visuomotor Representation of the Peripersonal Space. Lecture Notes in Computer Science, 2009, , 314-323.	1.3	0
110	Robotic execution of everyday tasks by means of external vision/force control. Intelligent Service Robotics, 2008, 1, 253-266.	2.6	21
111	The UJI librarian robot. Intelligent Service Robotics, 2008, 1, 321-335.	2.6	21
112	Biologically-inspired 3D grasp synthesis based on visual exploration. Autonomous Robots, 2008, 25, 59-70.	4.8	10
113	Vision-Based Grasp Tracking for Planar Objects. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 844-849.	2.9	8
114	A framework for compliant physical interaction based on multisensor information. , 2008, , .		3
115	Compliant interaction in household environments by the Armar-III humanoid robot. , 2008, , .		22
116	Safety for a robot arm moving amidst humans by using panoramic vision. , 2008, , .		11
117	Brain mechanisms for robotic object pose estimation. , 2008, , .		6
118	ROBUST GRASPING OF 3D OBJECTS WITH STEREO VISION AND TACTILE FEEDBACK. , 2008, , .		4
119	Vision force control in task-oriented grasping and manipulation. , 2007, , .		15
120	Task-Oriented Grasping using Hand Preshapes and Task Frames. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	40
121	Symbol grounding through robotic manipulation in cognitive systems. Robotics and Autonomous Systems, 2007, 55, 851-859.	5.1	6
122	Integration of Stereoscopic and Perspective Cues for Slant Estimation in Natural and Artificial Systems. Lecture Notes in Computer Science, 2007, , 399-408.	1.3	2
123	Vision-based three-finger grasp synthesis constrained by hand geometry. Robotics and Autonomous Systems, 2006, 54, 496-512.	5.1	64
124	A Control Architecture for Compliant Execution of Manipulation Tasks. , 2006, , .		0
125	3D Grasp Synthesis Based on Object Exploration. , 2006, , .		2
126	Vision and Grasping: Humans vs. Robots. Lecture Notes in Computer Science, 2005, , 366-375.	1.3	3

#	ARTICLE	IF	CITATIONS
127	Guest Editorial: Challenges in Motion Planning. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 38, 1-4.	3.4	1
128	Validation of Features for Characterizing Robot Grasps. Lecture Notes in Computer Science, 2003, , 193-200.	1.3	2
129	Sensor-based learning for practical planning of fine motions in robotics. Information Sciences, 2002, 145, 147-168.	6.9	8
130	Editorial: Towards practical motion planners. Journal of Field Robotics, 2001, 18, 401-404.	0.7	1
131	Parallel collision detection between moving robots for practical motion planning. Journal of Field Robotics, 2001, 18, 487-506.	0.7	2
132	a qualitative-connectionist approach to Robotic Spatial Planning: the Peg-in-Hole case study. Spatial Cognition and Computation, 2000, 2, 51-76.	1.2	1
133	Knowledge Modeling of Program Supervision Task and its Application to Knowledge Base Verification. Applied Intelligence, 1999, 10, 185-196.	5.3	0
134	Coordinated motion of two robot arms for real applications. Lecture Notes in Computer Science, 1998, , 122-131.	1.3	1
135	Integration of Self-Organizing Feature Maps and reinforcement learning in robotics. Lecture Notes in Computer Science, 1997, , 1344-1354.	1.3	1
136	An automatic transformation from bimodal to pseudo-binary images. Lecture Notes in Computer Science, 1997, , 231-238.	1.3	4
137	Perception-based learning for motion in contact in task planning. Journal of Intelligent and Robotic Systems: Theory and Applications, 1996, 17, 283-308.	3.4	18
138	<title>Use of sensors to deal with uncertainty in realistic robotic environments</title>. , 1995, , .		0
139	<title>Classification system for pieces of Porcelanatto based on computer vision</title>. , 1994, , .		1
140	A simple algorithm for intelligent manipulator collision-free motion. Applied Intelligence, 1994, 4, 83-102.	5.3	3
141	Conflict Resolution in Robotics. , 0, , 2623-2638.		1