

# Hamzah Asyrani Sulaiman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6087353/publications.pdf>

Version: 2024-02-01

64  
papers

141  
citations

2258059

3  
h-index

1588992

8  
g-index

66  
all docs

66  
docs citations

66  
times ranked

134  
citing authors

#	ARTICLE	IF	CITATIONS
1	EDFA-WDM Optical Network Design System. Procedia Engineering, 2013, 53, 294-302.	1.2	28
2	Firefly algorithm for path optimization in PCB holes drilling process. , 2012, , .		17
3	Design of Low Noise Amplifier using Feedback and Balanced Technique for WLAN Application. Procedia Engineering, 2013, 53, 323-331.	1.2	12
4	5.8 GHz microwave Doppler radar for heartbeat detection. , 2013, , .		9
5	Distance computation using axis aligned bounding box (AABB) parallel distribution of dynamic origin point. , 2013, , .		9
6	Design of Gaas E-phemt low noise amplifier for WLAN application. , 2012, , .		6
7	An analysis of UWB double sided circular disc bow-tie antenna. , 2013, , .		4
8	3GHz hairpin filter with Defected Ground Structure (DGS) for Microwave Imaging application. , 2014, , .		4
9	An Enhanced Edge Detection Method Based on Integration of Entropyâ€™Canny Technique. Advanced Science Letters, 2018, 24, 1575-1578.	0.2	4
10	Bounding-Volume Hierarchies Technique for Detecting Object Interference in Urban Environment Simulation. , 2009, , .		3
11	Two-pass assembler design for a reconfigurable RISC processor. , 2013, , .		3
12	Computing distance using internal axis-aligned bounding-box for nearly intersected objects. AIP Conference Proceedings, 2014, , .	0.4	3
13	A new Orthogonal - Diamond Search algorithm for Motion Estimation. , 2014, , .		3
14	DESIGN OF SIERPINSKI GASKET FRACTAL ANTENNA WITH SLITS FOR MULTIBAND APPLICATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	3
15	Balanced hierarchical construction in collision detection for rigid bodies. , 2010, , .		2
16	Comparison on IV characteristics analysis between Silicon and InGaAs PIN photodiode. , 2013, , .		2
17	An analysis of dielectric constant of pharmaceutical medicines using microwave radiation exposure. , 2013, , .		2
18	An analysis of low pass filter using bowtie Defected Ground Structure (DGS) at 10 GHz for radar application. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Ground effect analysis for ice cream cone UWB antenna for UWB communication. , 2013, , .		2
20	One-pass assembler design for a low-end reconfigurable RISC processor. , 2014, , .		2
21	Parametric studies on effects of defected ground structure (DGS) for 6 GHz bandpass filter. , 2015, , .		2
22	An Efficient Rain Streaks Detection and Removal for Single Image Using Hybridization of Rain Detection and Rain Removal Technique (HyDRA). Advanced Science Letters, 2018, 24, 1027-1031.	0.2	2
23	Fast Traversal Algorithm for Detecting Object Interference Using Hierarchical Representation between Rigid Bodies. , 2010, , .		1
24	UWB Chebyshev band pass filter for UWB communication. , 2013, , .		1
25	Distance approximation using pivot point in narrow phase collision detection. , 2013, , .		1
26	Variable junction temperature analysis in Silicon IMPATT diode. , 2013, , .		1
27	An analysis of a UWB ice-cream cone antenna for UWB communication. , 2013, , .		1
28	Feed lines effects on UWB double sided circular disc bow-tie antenna. , 2014, , .		1
29	Methodology of performing narrow phase collision detection for virtual environment. , 2014, , .		1
30	Vector-based technique for distance computation in narrow phase collision detection. , 2014, , .		1
31	Comparison of intrinsic width for InGaAs PIN photodiode. , 2014, , .		1
32	iWire - A broken wire detector for electrical appliances. , 2014, , .		1
33	Firefly algorithm with attractiveness matrix enhancement for shortest route alternative solution. , 2015, , .		1
34	Investigation of triangular, circular and ellipse slots of Vivaldi antenna. , 2015, , .		1
35	The framework of collision detection for rigid bodies in the virtual environment. Journal of Physics: Conference Series, 2019, 1358, 012083.	0.4	1
36	Rain Streaks Removal for Static Image by Using Enhanced Dictionary Learning and Magnitude Computation (HyDRa). Advanced Science Letters, 2018, 24, 1579-1581.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Balanced Hierarchical Method of Collision Detection in Virtual Environment. Communications in Computer and Information Science, 2011, , 493-501.	0.5	1
38	Bending Waveguide Modeling for Light Trapping Into Optical Fiber. Advanced Science Letters, 2014, 20, 412-417.	0.2	1
39	On Faster Bounding Volume Hierarchy Construction for Avatar Collision Detection. , 2009, , .		0
40	Development of real-time virtual environment with hierarchical construction. , 2012, , .		0
41	An investigation of drugs detection technique using RF radiation exposure in room temperature. , 2013, , .		0
42	Numerical simulation of fine blanking process using fully coupled advanced constitutive equations with ductile damage. , 2013, , .		0
43	Closest features determination between range point of contact. , 2014, , .		0
44	Bending optical waveguide investigation for electromagnetic field radiation and propagation application. , 2014, , .		0
45	Computing penetration depth of collision detection between primitives. , 2014, , .		0
46	INNER AABB FOR DISTANCE COMPUTATION IN COLLISION DETECTION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
47	EFFECT OF QUADRUPLE P-SPIRAL SPLIT RING RESONATOR (QPS-SRR) STRUCTURE ON MICROSTRIP PATCH ANTENNA DESIGN. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
48	IMPEDANCE MODELLING OF METAMATERIAL STRUCTURE BASED ON DOUBLE QUAD-SQUARE SLOT SPLIT RING RESONATOR (DQSS-SRR) AT 4.6 GHZ. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
49	DESIGN OF LINEAR AND CIRCULAR POLARIZED ANTENNA FOR WLAN APPLICATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
50	IMPEDANCE MODELLING OF METAMATERIAL STRUCTURE BASED ON DOUBLE QUAD-SQUARE SPLIT RING RESONATOR (DQS-SRR) AT 2.4 GHZ AND 7.4 GHZ. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
51	Selected Peer-Reviewed Articles from the 2017 2nd International Conference on Social Sciences and Humanities (SOSHUM 2017), Jakarta, Indonesia, 12â€“14 December, 2017. Advanced Science Letters, 2018, 24, 7019-7022.	0.2	0
52	Hierarchical Approach for Fast and Efficient Collision Detection in Urban Simulation. Lecture Notes in Computer Science, 2009, , 50-57.	1.3	0
53	Optimization Analysis of Quad-Ridged Ultra Wideband Horn Antenna for Performance Improvement. Advanced Science Letters, 2014, 20, 381-385.	0.2	0
54	A Computational Electromagnetic of Propagation on Human Skin Cell. Advanced Science Letters, 2014, 20, 464-468.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Selected Peer-Reviewed Articles from 2015 International Symposium on Social Sciences, Arts and Humanities (SYSSARM), Bali, Indonesia, 29 September–1 October, 2015. Advanced Science Letters, 2016, 22, 1093-1095.	0.2	0
56	ANALYSIS OF TAPERED FINLINE IN POWER COMBINER FOR WIDEBAND APPLICATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
57	Selected Peer-Reviewed Articles from the 2015 International Conference on Engineering Management and Industrial Technology (ICEMIT 2015), Medan, Indonesia, 10–12 December 2015. Advanced Science Letters, 2016, 22, 1761-1762.	0.2	0
58	Selected Peer-Reviewed Articles from the 2016 International Symposium of Information and Internet Technology (SYMINTTECH 2016), Malacca, Malaysia, 26–28 January 2016. Advanced Science Letters, 2016, 22, 2742-2744.	0.2	0
59	Selected Peer-Reviewed Articles from the International Conference on Information in Business and Technology Management (I2BM™17), Penang, Malaysia, 18–20 April, 2017. Advanced Science Letters, 2017, 23, 10481-10482.	0.2	0
60	Integration of Doubly-Connected Edge List with Modified Butterfly Scheme in Subdivision of 3D Models. Advanced Science Letters, 2018, 24, 1608-1611.	0.2	0
61	Selected Peer-Reviewed Articles from the 2nd Advanced Research on Business, Management and Humanities (ARBUHUM2017), Phuket, Thailand, 10–12 October, 2017. Advanced Science Letters, 2018, 24, 2177-2179.	0.2	0
62	Selected Peer-Reviewed Articles from the 2017 Recent Research in Engineering and Sciences (RENCES) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.2	0
63	Selected Peer-Reviewed Articles from the 2017 3rd International Conference on Education (ICOED), Melaka, Malaysia, 7–9 November, 2017. Advanced Science Letters, 2018, 24, 7855-7857.	0.2	0
64	Selected Peer-Reviewed Articles from the 2017 3rd International Conference on Business, Management, Tourism and Hospitality (BIZMATOUR 2017), Bandung, Indonesia, 28–30 November, 2017. Advanced Science Letters, 2018, 24, 9235-9237.	0.2	0